

30<sup>th</sup> November 2022

To,  
Deputy Director General of Forests (Central),  
West Central Zone  
Regional Office  
New Secretariate Building  
Opposite VCA Ground, Civil Lines  
Nagpur- 440001

Dear Sir,

**Subject:** Expansion project of Innovassynth Technologies (I) Limited for manufacturing of Synthetic Organic Chemicals – Submission of the six-monthly compliance report for the period April 2022 to September - 2022 –Reg.

**Ref:** Environmental Clearance File no. J-11011/20/2017-IA-II (I) dated 12<sup>th</sup> April, 2018 granted by MOEFCC, Govt. Of India.

We have received the Environment Clearance from Ministry of Environment, Forest & Climate Change (MOEFCC), Government of India on 12<sup>th</sup> April 2018 for our Project, after that we have made compliances as per requirement.

Though the EC compliance is to be uploaded online on the Parivesh portal in line with MoEF & CC's O.M no. F. No. IA/II-22/1/2022-IA-III [E-172624] dated 14<sup>th</sup> June 2022, we are encountering several technical issues during the process of online uploading of the EC compliance report, hence we are submitting herewith the EC compliance report for the period April 2022 to September 2022 in soft copy for your kind reference to meet the deadline of 1st December 2022. Once the technical issues are resolved we assure you that we will upload the compliance report online on the portal.

We are submitting herewith the details of our project during the period of April 2022 to September 2022.

With this reference we wish to submit the details required as below:

1. Point wise compliance to stipulation as laid down by ministry along with necessary Annexures
2. Consent to Operate
3. Environmental monitoring reports enclosed as Annexures

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**Innovassynth Technologies (India) Ltd.**

Regd. Office & Works : Old Mumbai-Pune Road, Khopoli 410203, Mumbai Area, Maharashtra, INDIA.

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CIN NO. : U24110MH2001PLC134105

We hope you will find same in line with your requirements.

Thanking You,

**For Innovassynth Technologies (I) Limited**



**Authorized Signatory**  
**Mr. Vaibhav Joshi**  
**Chief Operating Officer**

F. No. J-11011/20/2017-IA-II(I)  
Government of India  
Ministry of Environment, Forest and Climate Change  
(IA- II Section)

Indira Paryavaran Bhawan  
Jorbagh Road, New Delhi -3

Dated: 12<sup>th</sup> April, 2018

To

M/s Innovassynth Technologies (I) Limited  
S.No.9-24, Wasarang 34-36  
Chinchwali, Khopoli  
District Raigad (Maharashtra)

**Sub: Expansion of Synthetic Organic Chemicals Manufacturing Unit at Sy. No. 9-24, Wasarang 34-36, Chinchwali, Khopoli, District Raigad (Maharashtra) by M/s Innovassynth Technologies (I) Limited - Environmental clearance - reg.**

Sir,

This has reference to your proposal No. IA/MH/IND2/71477/2017 dated 29<sup>th</sup> January, 2018 submitting the EIA/EMP report with public hearing details on the above subject matter.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for expansion of synthetic organic chemicals manufacturing unit from the present capacity of 100.5767 TPM (74 number of products) to 350 TPM (94 number of products) by M/s Innovassynth Technologies (I) Limited at Sy.No.9-24, Wasarang 34-36, Chinchwali, Khopoli, District Raigad (Maharashtra). Out of the total 74 products presently manufactured, 25 products are to discontinued, capacity of 21 products to be decreased, capacity of 21 products to be increased, whereas 7 products are to be continued. Total 45 new products of capacity 157.6866 TPM are to be added.

3. The existing land area is 244872.00 sq.m and no additional land will be required for the project. Industry has already developed greenbelt in an area of 80808 sq.m out of the total area of the project. The total project cost is Rs. 232.41 crores including existing investment of Rs 79.41 crores. Total capital cost earmarked towards environmental pollution control measures is Rs. 1377.00 lakhs and the recurring cost (operation and maintenance) will be about Rs. 436.00 lakhs per annum. Industry proposes to allocate Rs. 382.5 lakh @ 2.5 % of expansion cost towards enterprise social commitment (ESC). The project will provide employment for 570 persons after expansion.

4. There are no National Parks, Wildlife Sanctuaries, Biosphere reserves, Tiger/ Elephant Reserves, Wildlife Corridors etc. within 10 km from the project site. Patalganga river is flowing adjacent to factory in west direction.

5. Total fresh water requirement is 1042 cum/day, proposed to be met from Patalganga river. The project proponent has signed an agreement dated 21<sup>st</sup> March, 2014, with the Irrigation Department of the State Government of Maharashtra to supply 1.20 MLD to meet the water requirement.



Total trade effluent of 297 CMD is being treated in MEE, full-fledged ETP Plant having primary, secondary and tertiary treatment and RO to achieve zero liquid discharge. Domestic waste water of 34 CMD will be treated in proposed STP of capacity 41 CMD.

Power requirement after expansion will be 4.0 MW including existing 2.5 MW and will be met from Maharashtra State Power Distribution Corporation Limited (MSPDCL). Existing unit has two DG sets of 1000 KVA each & one 500 KVA capacity. Additionally, two set of 1000 KVA capacity is proposed. Stack (height 6.3 m) will be provided as per CPCB norms to the DG sets, which will be used as standby during power failure.

Existing unit has one briquette fired boiler of 6 TPH capacity with stack height of 30 m. Additionally it is proposed to have two briquette fired boilers of 10 TPH with common stack (height 48 m) with bag filter and thermopack of 2 lakh kcal/hr. fired on HSD with stack of 12 m height. Adequate numbers of scrubbers will be provided to control the process emission.

Ash from the boiler (10500 kg/day) shall be sent to brick manufacturer. Used/spent oil (2 TPA) will be disposed through authorized reprocesses. Distillation residue (665 TPA+630 TPA), chemical residues/sludge (4 TPA+400 TPA), containers bags / liners (70 TPA) and off specification chemicals (4 TPA) shall be sent to CHWTSDF, Taloja for disposal.

6. The details of products and by-products are as under:-

S. No	Product	Capacity (TPM)				Total
		Existing	To be discontinued	To be decreased	To be increased	
1	4-Fluoroisquinoline	0.0084	--	0.0034	--	0.0050
2	Isosulfan Blue (2,5-Disulfophenyl Isomer)	0.0084	--	--	0.0016	0.0100
3	(Diethoxy methyl)-2-Ethoxy benzene	0.0840	0.0840	--	--	0.0000
4	2,4-Dimethoxy Aniline	0.1670	0.1670	--	--	0.0000
5	2,6-Dimethyl phenyl isothiocyanate	0.1670	0.1670	--	--	0.0000
6	Benzoic acid, 4-(4-Propyl-1-piperazinyl)	0.1670	0.1670	--	--	0.0000
7	2-(4-Morpholinyl)-8-Phenyl-[4H-1]-benzopyran-4-one	0.0084	--	--	--	0.0084
8	9,10-Dihydro-10[2,3di(hydroxycarboxyl)propyl]-9-oxa-10-phosphaphenanthrene-10-oxide (DDP)	0.0420	0.0420	--	--	0.0000
9	Cyclopropyl Methyl Bromide (CMB)	0.0840	--	--	0.916	1.0000
10	5'-ODMT-NiBu-deoxyguanosine-3'-(2-cyanoethyl N,N diisopropylamino) Phosphoramidite (dGAmidite)	0.0420	0.0420	--	--	0.0000

11	5'-ODMT-NBZ-deoxyadenosine-3'-(2-cyanoethyl N,N diisopropylamino) Phosphoramidite (dAAmidite)	0.0420	0.0420	--	--	0.0000
12	5'-ODMT-NBZ-deoxycytidine-3'-(2-cyanoethyl N,N diisopropylamino) Phosphoramidite (dCAmidite)	0.0420	0.0420	--	--	0.0000
13	5'-ODMT-NBZ-deoxythymidine-3'-(2-cyanoethyl N,N diisopropylamino) Phosphoramidite (dMT-T)	0.0420	0.0420	--	--	0.0000
14	3'-Amino-5' OH Thymidine (Amino - T)	0.0084	--	0.0079	--	0.0005
15	Bis (n-butylcyclopentadienyl) Zirconium dichloride	0.0420	0.0420	--	--	0.0000
16	rac-Ethylene-bis(indenyl)Zirconium dichloride	0.0420	0.0420	--	--	0.0000
17	Substituted Triazine Derivative	50.0000	--	--	25.00	75.0000
18	Ethyl 2-Methyl-4-Pentenoate (EMPE)	0.0833	--	0.0750	--	0.0083
19	Ethyl-4-Pentenoate	0.0833	--	0.0750	--	0.0083
20	Norcamphor	0.0166	--	--	--	0.0166
21	5-Bromo-Indole	0.3330	--	0.3030	--	0.0300
22	4-Pentenoic Acid	0.8333	--	--	1.1667	2.0000
23	Methyl Tiglate	0.0166	--	--	--	0.0166
24	Ethyl-2-Methyl-3-4-Pentadienoate (EMPD)	0.5000	--	0.4990	--	0.0010
25	3-3 Dimethyl Cyclohexanone (DMCH)	0.0833	--	--	0.9167	1.0000
26	2-6 Diamino-9-(b-D-Ribo) Purine (DAP)	0.0500	--	0.0450	--	0.0050
27	DMT-MOET(4,4'-dimethoxy trityl)-(methoxyethyl-thymidine)	0.0833	0.0833	--	--	0.000
28	N-Bz-DMTMOEC (N-Benzoyl-(4,4'-dimethoxytrityl)-(methoxyethyl)-cytidine	0.0833	--	--	--	0.0833
29	N-Bz-DMT-Dc (N-Benzoyl-(4,4'-Dimethoxytrityl)-	0.0833	0.0833	--	--	0.000

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	doxy cytidine					
30	N-Benzoyl - 3 - Tritylamino 5 Phosphoramidite 2 - deoxy Adenosine (dA)	0.0040	--	0.0035	--	0.0005
31	3 - Tritylamino 5 - Phosphoramidite N-Bz-Dc	0.0040	--	0.0035	--	0.0005
32	N - Isobutynyl - 3- Tritylamino 5 - Phosphoramidite 2 - deoxy Guanosine (dG)	0.0040	--	0.0035	--	0.0005
33	3 - Tritylamino 5 - PhosphoramiditeThymidine (dT)	0.0040	--	0.0035	--	0.0005
34	4-Methyl-2-Thiomethyl Pyrimidine	0.4170	-	0.3770	-	0.0400
35	4-Hydroxy isoleucine	3.3330	--	3.2330	--	0.1000
36	4-HEXYL RESORCINOL	0.4160	-	--	1.584	2.0000
37	N <sup>2</sup> Phenyl Acetyl Guanosine	0.0416	--	0.0376	--	0.0040
38	5' - ODMT, 2' - O - Cpep, 6N - Pivaloyl Adenosine	0.0080	--	0.0070	--	0.0010
39	5' - ODMT, 2' - O - Cpep, N <sup>2</sup> - Ph - Ac - Guanosine	0.0080	--	0.0070	--	0.0010
40	5' - ODMT, 2' - O - Cpep, 4 - N - Bz Cytidine	0.0080	--	0.0070	--	0.0010
41	5' - ODMT, 2' - O - Cpep, Uridine	0.0080	-	0.0070	-	0.0010
42	p-Nitro Phenyl Phosphate - Disodium Salt Hexahydrate	0.0833	-	--	0.1167	0.2000
43	p-Nitro Phenyl Phosphate - Ditris Salt	0.0833	--	0.0733	-	0.0100
44	5'-ODMT-2'MOE-T[5'-O (4,4'-DIMETHOXY TRITYL) - 2'-O-(2-METHOXYETHYL) - THYMIDINE]	0.0580	-	--	0.942	1.0000
45	N - BZ - 5' - ODMT - 2' - MOE - 5 - Me - C 5'-O (4,4'-DIMETHOXY TRITYL)-2'-O-(2- METHOXYETHYL) N <sup>4</sup> - BENZOYL-5-METHYL- CYTIDINE	0.0300	-	--	0.97	1.0000
46	2' - FLUORO CYTIDINE 5'- O-(4,4'-DIMETHOXY TRITYL)N <sup>4</sup> -ACETYL- 2'FLUORO CYTIDINE-3'- [C2-CYANOETHYL)-(N,N-	0.0020	0.0020	--	--	0.000

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	DI ISOPROPYL)- PHOSPHORAMIDITE					
47	2' - FU AMIDITE 5'-O-(4,4'- DIMETHOXY TRITYL)-2'- FLUORO URIDINE-3'-[(2- CYANOETHYL)-(N,N-DI ISOPROPYL)- PHOSPHORAMIDITE	0.0020	--	--	--	0.0020
48	5'-DMT-2'-OTBDMS-RNA PHOSPHORAMIDE AND DERIVATIVES	0.0042	--	--	0.3958	0.4000
49	EURO-5031 BLS DICYCLO PENTADIENEZERCONIUM DICHORIDE	0.0420	0.0420	--	--	0.000
50	2 CYANOPHENOL	0.1670	0.1670	--	--	0.000
51	CALONE [7-METHYL-3,4- DIHYDRO-2H-1,5-BENZO DIOXEPIN-3-1	0.0084	0.0084	--	--	0.000
52	SODIUM BETA GLYCERO PHOSPHATE	1.6600	--	0.6600	--	0.000
53	7-BROMO 1HEPTENE	0.2200	--	--	3.78	4.0000
54	2,2 BIS [( (2INDENYL)BIPHENYL)ZIC RONIUM(IV) CHLORIDE	0.0100	--	--	0.04	0.0500
55	L-METHIONINE SULFOXIME	0.0100	--	--	--	0.0100
56	4,4'-DIMETHOXYTRITYL CHLORIDE (DMT-CL)	0.1500	--	--	0.85	1.0000
57	AD-Lactone	0.3000	0.3000	--	--	0
58	1-CYANO CYCLOBUTANE- 1,2-DICARBOXYLIC ACID DIMETHYL EASTER / TRANSDIACID	0.2000	--	--	0.2	0.4000
59	5'-DMT-C-ETHYL N- PROTECTED NUCLEOSIDES AND PHOSPHORAMIDITES	0.0100	0.0100	--	--	0
60	5'-DMT-C-ETHYL N- PROTECTED NUCLEOSIDE AND PHOSPHORAMIDITE	0.0100	--	--	0.0204	0.0304
61	NAP SUGAR	0.0500	--	--	0.95	1.0000
62	ENA -PROTECTED NUCLEOSIDE & PHOSPHORAMIDITE	0.0100	--	0.0090	--	0.0010
63	E-TETRACETATE	0.0500	--	--	0.15	0.2000

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64	TAC PROTECTED NUECLEOSIDE & PHOSPHORAMIDITE	0.0100	--	--	0.04	0.0500
65	5'-DMT-2'-MOE PROTECTED NUCLEOSIDE & PHOSPHORAMIDITE	0.0200	--	--	0.38	0.4000
66	5'-DMT-2'-O-METHYL PROTECTED NUCLEOSIDE & PHOSPHORAMIDITIES	0.0100	--	--	0.19	0.2000
67	ALLOFURANOSE SUGAR	0.0100	--	--	--	0.0100
68	TINUVIN -400	27.865	--	--	72.1352	100.000
69	N-Methyl 4 chloropiperidine HCL	1.0000	1.0000	--	--	0.00
70	Syringaldehyde	2.0000	2.0000	--	--	0.00
71	Indoline	2.0000	2.0000	--	--	0.00
72	2 methyl Sulphonyl 4,6 Dimethoxy Pyrimidine	3.0000	3.0000	--	--	0.00
73	O- Methyl Isourea Hemisulphate	2.0000	2.0000	--	--	0.00
74	Beta-Methyl Acid (BMA)	2.0000	2.0000	--	--	0.00
	<b>Total</b>	<b>100.5765</b>	<b>13.5750</b>	<b>5.4402</b>	<b>110.7451</b>	<b>192.3134</b>

#### NEW PRODUCTS TO BE ADDED

75	P-Anisyl Propanal	--	--	--	--	4.000
76	ANETHOL	--	--	--	--	30.00
77	5'-ODMT- DEOXYNUCLEOSIDES, PHOSPHORAMIDITES AND SUCCINATE SALTS	--	--	--	--	0.200
78	DMT-LNA-NUCLEOSIDES & PHOSPHORAMIDITES	--	--	--	--	0.100
79	GALNAC ACYCLIC SUCCINATE	--	--	--	--	0.0028
80	NOOTKATONE	--	--	--	--	0.4000
81	4-AMINO BENZONITRILE	--	--	--	--	0.1660
82	Diethyl L-(-) tartrate	--	--	--	--	0.1660
83	DL -LACTIDE	--	--	--	--	0.0083
84	DIETHYLAMINO MALONATE HCl	--	--	--	--	0.2500
85	ACRYLAMIDE PURIFIED	--	--	--	--	0.4000
86	ETHYLENEDIAMINETETR AACETIC ACID METAL CHELATE SALTS	--	--	--	--	0.0030
87	SODIUM SELENITE PENTAHYDRATE	--	--	--	--	0.0030

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88	2,4Dihydroxy Benzophenone	---	---	---	---	89.237
89	Peonile	---	---	---	---	19.000
90	R&D Products (Intermediate chemicals)	---	---	---	---	0.4000
91	4,5-Dichloro phthalic acid	---	---	---	---	0.0083
92	4-Tert-butylphenoxyAceticAcid	---	---	---	---	1.0000
93	6-Bromo-Iso-indolin-1-one	---	---	---	---	0.0083
94	Trans aconiticAcid	---	---	---	---	0.0083
95	2,2 BIS [(2INDENYL)BIPHENYL]ZIRCONIUM(IV) CHLORIDE ON SILICA SUPPORT	---	---	---	---	2.500
96	N,N-Dimethylbenzamide (DMBA)	---	---	---	---	1.0000
97	4-(methylamino) pentan-2-ol dibenzoate (AB)	---	---	---	---	1.0000
98	9,9-bis(methoxymethyl) fluorene (FLU)	---	---	---	---	1.0000
99	2-AminoBenzonitrile	---	---	---	---	1.0000
100	GAFL-158	---	---	---	---	5.0000
101	3,5-Bis(2-Cyanoprop-2-yl)benzyl bromide Anastrozole intermediate	---	---	---	---	0.0083
102	3,5-Bis(2-Cyanoprop-2-yl)Toluene Anastrozole intermediate	---	---	---	---	0.0083
103	2,2'-Azobis(2-methylpropionamide) dihydrochloride	---	---	---	---	0.0100
104	CMPT	---	---	---	---	0.0400
105	CMIMT	---	---	---	---	0.0400
106	MTSCNE	---	---	---	---	0.1000
107	ONT-7-D & ONT-7-L	---	---	---	---	0.1000
108	UNA Phosphoramidites & Derivatives	---	---	---	---	0.0400
109	MorpholinoPhosphoramidites & Derivatives	---	---	---	---	0.1000
110	Chiral Phosphoramidites & Derivatives	---	---	---	---	0.1000
111	5'-ODMT-2' OMeNiBu-Guanosine O6 CE	---	---	---	---	0.0840
112	BisTAcidG	---	---	---	---	0.0840
113	5'-ODMT-NiBu-deoxycytidine	---	---	---	---	0.0500

114	5'-Biotin Phosphoramidite	---	---	---	---	0.0010
115	5-Iodo dC	---	---	---	---	0.0008
116	2'-Fluoro-GlBu-3'-CEPA	---	---	---	---	0.0008
117	5'-ODMT-N6-Bz-2'-Fluoro Adenosine-3'-OCEPA	---	---	---	---	0.0008
118	5'-ODMT-N6Bu-dG (O6 GE)	---	---	---	---	0.0500
119	Ethyl-2,2-difluoropropionate	---	---	---	---	0.0416
Total						157.6866
Grand Total						350.00

#### By-Products

S. No.	By-Product	Existing (TPM)	Proposed (TPM)	Total (TPM)
1	Hydrochloric Acid 30%	43.00	465.00	508.00
2	Sulphuric Acid 66%	85.00	100.00	185.00
3	Mixed Solvents	133.50	426.50	560.00
4	Aqueous Aluminium Chloride	303.00	897.00	1200.00
Total		564.50	1888.50	2453.00

7. The project/activity is covered under category A of item 5(f) 'Synthetic organic chemicals' of Schedule to the Environment Impact Assessment (EIA) Notification, 2006, and requires appraisal at central level by the sectoral Expert Appraisal Committee (EAC) in the Ministry.

8. The terms of reference (ToR) for the project was granted on 5<sup>th</sup> January, 2018. Public hearing was conducted by the Maharashtra State Pollution Control Board on 2<sup>nd</sup> December, 2017.

9. The proposal for environmental clearance was placed before the EAC (Industry-2) in its meeting held on 26-28 February, 2018. The project proponent and the accredited consultant M/s Goldfinch Engineering Systems Private Limited presented the EIA/EMP report as per the ToR. The committee found the EIA/EMP report satisfactory and in consonance with the ToR, and recommended the proposal for environmental clearance with certain conditions.

10. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), the Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project '**Expansion of Synthetic Organic Chemicals Manufacturing Unit**' from the present capacity of 100.5767 TPM (74 number of products) to 350 TPM (94 number of products) by M/s Innovassynth Technologies (I) Limited at Sy.No.9-24, Wasarang 34-36, Chinchwali, Khopoli, District Raigad (Maharashtra), under the provisions of EIA Notification, 2006 and the amendments made therein, subject to the compliance of terms and conditions, as under:-

- (i) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ii) As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
- (iii) Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016. Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.

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- (iv) National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21<sup>st</sup> July, 2010 and amended from time to time shall be followed.
- (v) To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- (vi) Solvent management shall be carried out as follows :
  - (a) Reactor shall be connected to chilled brine condenser system.
  - (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages.
  - (c) The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 98% recovery.
  - (d) Solvents shall be stored in a separate space specified with all safety measures.
  - (e) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.
  - (f) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
  - (g) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.
- (vii) Total fresh water requirement shall not exceed 1042 cum/day to be met from Patalganga river. Prior permission in this regard shall be obtained from the concerned regulatory authority/CGWA.
- (viii) Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
- (ix) Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer through pumps.
- (x) Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- (xi) The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
- (xii) The company shall undertake waste minimization measures as below:-
  - (a) Metering and control of quantities of active ingredients to minimize waste.
  - (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
  - (c) Use of automated filling to minimize spillage.
  - (d) Use of Close Feed system into batch reactors.
  - (e) Venting equipment through vapour recovery system.
  - (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- (xiii) The green belt of at least 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road

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sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.

- (xiv) All the commitments made regarding issues raised during the public hearing/ consultation meeting held on 2<sup>nd</sup> December, 2017 shall be satisfactorily implemented.
- (xv) At least 2.5% of the total project cost shall be allocated for Enterprise Social Commitment based on public hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.
- (xvi) For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- (xvii) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- (xviii) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- (xix) Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- (xx) The energy sources for lighting purposes shall preferably be LED based. A minimum of 10-20% of the total power requirement for the industrial operations shall be met from non-conventional energy resources/solar supply.
- (xxi) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

**10.1.** The grant of environmental clearance is subject to compliance of other general conditions, as under:-

- (i) The project authorities shall strictly adhere to the stipulations made by the State Pollution Control Board, Central Pollution Control Board, State Government and any other statutory authority.
- (ii) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (iii) The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- (iv) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009 shall be followed.
- (v) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc.



on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

- (vi) The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.
- (vii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- (viii) The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
- (ix) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. ESC activities shall be undertaken by involving local villages and administration.
- (x) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- (xi) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- (xii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (xiii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- (xiv) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
- (xv) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <http://moef.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of

SKD


which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

(xvi) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

11. The Ministry may revoke or suspend the clearance, at subsequent stages, if implementation of any of the above conditions is not satisfactory.


12. The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

13. The above conditions will be enforced, *inter alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

  
12/4/2018  
(S. K. Srivastava)  
Scientist E

**Copy to:-**

1. The Additional PCCF (C), MoEF&CC Regional Office(WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Line, Nagpur - 1
2. The Secretary, Environment Department, Government of Maharashtra, 15<sup>th</sup> Floor, New Administrative Building, Mantralaya, Mumbai - 32
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3<sup>rd</sup> & 4<sup>th</sup> floor, Opp. Cine Planet, Sion Circle, Mumbai - 22
5. Guard File/Monitoring File/Website/Record File

  
12/4/2018  
(S. K. Srivastava)  
Scientist E

**Monitoring the Implementation of Environmental Safeguards**  
**Ministry of Environment, Forest & Climate Change**  
**Regional Office (West Central Zone), Nagpur**  
**Monitoring Report**  
**Part – I**  
**DATA SHEET**

1.	Project Type: River-valley / Mining / Industry / Thermal / Nuclear / Other (Specify)	Industry
2.	Name of the Project	Expansion of Synthetic Organic Chemicals manufacturing unit at Sy. No. 9-24, Wasarang 34-36, Chinchwali, Khopoli, District Raigad (Maharashtra) by Innovassynth Technologies (I) Limited.
3.	Clearance Letter (s) / OM No. and date	F.No J-11011/20/2017-IA-II(I) dated 12 <sup>th</sup> April 2018
4.	Location	
	a. District (s)	Raigad
	b. State (s)	Maharashtra
	c. Latitude	Latitude: 18°48'0.64"N
	d. Longitude	Longitude: 73°20'8.53"E
5.	Address for correspondence	M/s Innovassynth Technologies(I) Limited , Revenue Survey No. 9-24, Wasrang 34-36, Chinchwali at Khopoli , Tal: Khalapur, Dist :Raigad :410203
	a. Address of concerned Project Chief Engineer (with Pin Code & Telephone/ Telex/ Fax Numbers) :	Mr. Sanjay Chowrasia
	b. Address of Executive Project Engineer / Manager (with pin code/fax numbers)	M/s Innovassynth Technologies(I) Limited, Revenue Survey No. 9-24, Wasrang 34-36, Chinchwali at Khopoli , Tal: Khalapur, Dist :Raigad :410203  Mobile: +91-9619336298
6.	Salient features	
	a. Of the Project	Total Production capacity: 350 TPM  Total water requirement: 1042 CMD  Effluent generated: Domestic: 34 CMD Plant operation: 297 CMD  Power requirement:  Maximum Demand with connected load: 4 MW Backup Power: 4 x 1000 KVA D.G sets + 1 x 500 KVA D.G sets

		<p>Utility details:</p> <p>1 nos briquette fired boiler of 6 TPH capacity</p> <p>2 nos briquette fired boilers of 10 TPH capacity</p> <p>Thermopack of 2 lakh Kcal /hr</p>
	b. Of the Environmental Management Plan	<p><b>Air pollution control measures:</b></p> <ul style="list-style-type: none"> <li>➤ Bagfilter for the two briquette fired boilers of 10 TPH followed by common stack of 48 m.</li> <li>➤ Stack height of 12m height for the HSD fired Thermoapck of 2 lakh Kcal /hr.</li> <li>➤ Adequate nos. of scrubbers have been provided to control the process emissions</li> </ul> <p><b>Hazardous waste generation and disposal:</b></p> <p>Distillation residue amounting to 1295 TPA</p> <p>Used /Spent Oil: 2 TPA</p> <p>Chemical residues / sludge: 404 TPA</p> <p>Containers bags / liners: 70 TPA</p> <p>Off specification products: 4 TPA</p> <p>All the above hazardous waste will be disposed off to CHWTSDf.</p> <p><b>Non-hazardous waste generation and disposal:</b></p> <p>Ash from the boiler: 10500 kg/day and will be sent to the brick manufacturer.</p> <p><b>Effluent treatment:</b></p> <p>Trade effluent is being treated in the MEE, full-fledged ETP having primary, secondary and tertiary treatment and R.O to achieve Zero Liquid Discharge.</p> <p><b>Green belt details:</b></p> <p>The green belt totaling to 80808 sq.m (33% of the total plot area i.e, 244872 sq.m) has been already developed.</p>
7.	Breakup of the Project area	
	a. Submergence Area: Forest & Non Forest	Not Applicable as the land is already in possession of the project proponent it is a non forest land
	b. Others	--
	a. Total Plot Area	244872 sq.m.



	b. Built - Up Area (Including Road)	19000 sq.m
	c. FSI area	
	d. Non – FSI Area	
8.	<p>Breakup of the Project affected population with enumeration of those losing houses/dwelling units only, agricultural land only, both dwelling units &amp; both dwelling units &amp; agricultural land &amp; landless laborers/artisan</p> <p>a. SC, ST/Adivasis</p> <p>b. Others</p> <p>(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey carried out gives details and years of survey.)</p>	Not Applicable since land is already in possession of the project proponent.
9.	<p>Financial Details</p> <p>a. Project costs as originally planned &amp; subsequent revised estimates and the year of price reference.</p>	<p>Estimated cost of the project: Rs. 153 crores (Only of expansion) - Year of price reference: 2018</p> <p>Revised cost of the expansion project: Rs. 108.13 Crores (Part of the expansion project is commissioned (190 MT/M has been achieved as against a total expansion of 350 MT/M)</p> <p>Year of price reference: 2021</p>
	b. Allocations made for Environmental Management Plan with item wise & year wise breakup.	Capital cost of the EMP as per the EC letter: 1377 lakhs Recurring cost of the EMP as per the EC letter: Rs. 436 lakhs
	c. Benefit Cost Ratio / Internal rate of Return and the year of assessment.	10.5% Year of assessment: FY 21-22
	d. Whether (c) includes the cost of Environmental Management as shown in the above.	Yes
	e. Actual expenditure incurred on the Project so far	Rs. 108.13 Cr
	f. Actual expenditure incurred on the Environmental Management Plan so far	<p>A total capital cost of Rs. 170.32 lakhs had been allocated for the year 2022 -2023 for the environmental protection measures as part of the implementation of the conditions stipulated by MoEF &amp; CC as well as the State Government.</p> <p>Out of the total capital cost of Rs. 170.32 lakhs, a capital cost of Rs.0 lakhs, has been incurred. A recurring cost of Rs. 88.93 lakhs for the has been incurred for the</p>

		environmental protection measures for the period April 2022 to September 2022.
10.	Forest land requirement	Not Applicable as there is no forest land involved in the project
	a. The status of approval for diversion of Forestland for non-forestry use	---
	b. The Status of clearing felling	--
	c. The status of compensatory Afforestation programme in the light of actual field experience	---
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, Approach roads), if any with quantitative information	Not Applicable.
12.	Status of construction	
	a. Date of commencement (Actual and/or planned)	Actual date of commencement: 16/8/2018
	b. Date of completion (Actual and/or planned)	Actual date of completion: 22/12/2021 (Part of the expansion project is commissioned i.e., 190 MT/M has been achieved as against a total expansion of 350 MT/M)
13.	Reasons for the delay if the project is yet to start	Not applicable
14.	Dates of site visits	
	a. The dates on which the Project was monitored by Regional Office on previous occasions, if any	Not visited.
	b. Date of site visit for this monitoring Report	None
15.	Details of correspondence with project authorities for obtaining action plan / information on status of compliance to safeguards other than the routine letters for logistic support for site visit. (The monitoring report may obtain the details of all the letters issued so far but the later reports may cover only the letters issued subsequently)	None

**Point wise compliance on the conditions of the Environment Clearance letter no : F.No. J-11011 /20/2017-IA-II(I) dated 12th April 2018 vide which EC was accorded to Innovassynth Technologies(I) Limited.**

<b>Sr No</b>	<b>Terms and conditions in EC</b>	<b>Compliance</b>
i	Consent to Establishment/Operate for the Project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act 1981 and the Water (Prevention and Control of Pollution) Act 1974.	We have obtained Amendment in existing Consent to Operate under change in product mix vide document no. Format1.0/CC/UAN No.0000121756/CR/2209000479 dated 11/09/2022 and the said amendment is enclosed as <b>Annexure-1</b>
ii	As already committed by the project proponent, Zero Liquid Discharge shall be ensured, and no waste/treated water shall be discharged outside the premises.	The scheme for the treatment of effluent is as under: Effluent generating from process is segregated in two streams high TDS & low TDS stream. High TDS stream from process along with RO reject is treated in MEE. Condensate from evaporator along with low TDS stream from process is fed to the primary treatment. Primary treated stream is fed to secondary treatment followed by tertiary treatment. Tertiary treated waste water is fed to RO. RO permeate is recycled in utilities & RO reject is fed to evaporator to achieve zero liquid discharge. No waste / treated water is being discharged outside the premises. The photos of the ZLD scheme are enclosed as <b>Annexure-1A</b>
iii	Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.	The latest CHWTSDF membership certificate MWML –HzW – KHP-320 valid till 31 <sup>st</sup> March 2023 is enclosed as <b>Annexure-2</b>
iv	National Emission Standard for Organic Chemicals Manufacturing Industries issued by the Ministry vide G.S.R. 608(E) dated 21 <sup>st</sup> July, 2010 and amended from time to time shall be followed.	We are monitoring the parameters applicable to us as per the valid issued CTO. The following applicable effluent parameters are mentioned in the GSR. 608 (E) are being monitored: Ph, BOD, Oil & Grease, Phenol & Cyanide. The emission norms for the incinerator are not applicable to us as we don't have any onsite incinerator. The ETP outlet reports are enclosed as <b>Annexure-3</b>

v	To control source and the fugitive emission, suitable pollution control devices shall be installed to meet the prescribed norms and / or the NAAQS. The gaseous emission shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines	<p>Various scrubbers have been provided to the process vents to counter the fugitive emissions. The details of the stacks along with the stack heights are tabulated as under:</p> <table><tr><th>Sr.No</th><th>Stack Attached To</th><th>APC System</th><th>Stack Height (m)</th></tr><tr><td>1</td><td>Process Vent ( MPP)</td><td>Scrubber with Caustic solution</td><td>7</td></tr><tr><td>2</td><td>Process Vent ( MPP)</td><td>Scrubber with Caustic solution</td><td>7</td></tr><tr><td>3</td><td>Process Vent ( PP1)</td><td>Scrubber with Caustic solution</td><td>10</td></tr><tr><td>4</td><td>Process Vent ( PP2)</td><td>Scrubber with Caustic solution</td><td>7</td></tr><tr><td>5</td><td>Process Vent (PP3/4/5)</td><td>Scrubber with Caustic solution</td><td>13</td></tr><tr><td>6</td><td>Process Vent (PP3/4/5)</td><td>Scrubber with Caustic solution</td><td>13</td></tr><tr><td>7</td><td>Process Vent (PP3/4/5)</td><td>Scrubber with Caustic solution</td><td>13</td></tr><tr><td>8</td><td>Process Vent ( PP6)</td><td>Scrubber with Caustic solution</td><td>7</td></tr><tr><td>9</td><td>Process Vent ( ETP)</td><td>Scrubber with Caustic solution</td><td>13</td></tr></table>	Sr.No	Stack Attached To	APC System	Stack Height (m)	1	Process Vent ( MPP)	Scrubber with Caustic solution	7	2	Process Vent ( MPP)	Scrubber with Caustic solution	7	3	Process Vent ( PP1)	Scrubber with Caustic solution	10	4	Process Vent ( PP2)	Scrubber with Caustic solution	7	5	Process Vent (PP3/4/5)	Scrubber with Caustic solution	13	6	Process Vent (PP3/4/5)	Scrubber with Caustic solution	13	7	Process Vent (PP3/4/5)	Scrubber with Caustic solution	13	8	Process Vent ( PP6)	Scrubber with Caustic solution	7	9	Process Vent ( ETP)	Scrubber with Caustic solution	13
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vi	<p>Solvent management shall be carried out as follows:</p> <p>(a) Reactor shall be connected to chilled brine condenser system.</p> <p>(b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages.</p> <p>(c) The condensers shall be provided with sufficient HTI and residence time so as to achieve more than 98% recovery.</p> <p>(d) Solvents shall be stored</p>	<p>a) Reactors are connected to chilled brine condenser system</p> <p>b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages.</p> <p>c) The condensers shall be provided with sufficient HTI and residence time so as to achieve more than 98% recovery.</p> <p>d) Solvents are stored in designated areas with all safety measures.</p>																																								

	<p>in a separate space specified with all safety measures.</p> <p>(e) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.</p> <p>(f) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breath valve to prevent losses.</p> <p>(g) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.</p>	<p>e) Proper earthing is provided to the equipment's handling solvents.</p> <p>f) The entire plant is provided with flameproof machinery. The solvent storage tanks are provided with breather valves.</p> <p>g) Vent condenser provided to the storage tanks.</p>
vii	Total fresh water requirement shall not exceed 1042 cum/day to be met from Patalganga river, prior permission in this regard shall be obtained from the concerned regulatory authority /CHWA	As per the guidelines, site is consuming water within the stipulated quantity i.e 1042 cum/day. The water permission from the Irrigation Department Karjat is enclosed as <b>Annexure-4</b>
viii	Process effluent/any wastewater shall not be allowed to mix with storm water, Storm water drain shall be passed through guard pond.	The process effluent / any wastewater is not mixing with storm water as separate drains / channels have been provided for the process effluent and the storm water. Photographs of the separate effluent conveyance system sewage conveyance system and storm water drain are enclosed as <b>Annexure-5</b>
ix	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer through pumps.	All hazardous chemicals are stored in tanks, tank farms, drums, carboys etc. Photographs of the same are enclosed as <b>Annexure-6</b> Flame arresters are already provided on tank farm, and solvents are transferred through pumps.
x	Process organic residue and spent carbon, if any shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.	Latest valid CHWTSDf permission vide membership MWML-HzW –KHP-320 valid till 31 <sup>st</sup> March 2023 is enclosed as <b>Annexure-2</b>
xi	The Company shall strictly comply with the rules and	The Company is strictly complying with the rules and guidelines under Manufacture, Storage and import of Hazardous Chemicals

	<p>guidelines under Manufacture, Storage and import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.</p>	<p>(MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals are as per the Motor Vehicle Act (MVA), 1989.</p>
xii	<p>The company shall undertake waste minimization measures as below:</p> <ul style="list-style-type: none"> <li>(a) Metering and control of quantities of active ingredients to minimize waste.</li> <li>(b) Reuse of by-products from the process as raw materials or as raw material substitutes in other process.</li> <li>(c) Use of automated filling to minimize spillage</li> <li>(d) Use of close Feed system into batch reactors.</li> <li>(e) Venting equipment through vapour recovery system</li> <li>(f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.</li> </ul>	<ul style="list-style-type: none"> <li>a) All raw materials are metered and controlled for its quantities to minimize waste.</li> <li>b) Recovered Solvents are reused in processes.</li> <li>c) Pumps are used to transfer liquids in closed pipelines.</li> <li>d) Closed hoppers are provided for solid material charging in reactors.</li> <li>e) Vent Condensers are provided as secondary condensers for vapour recovery.</li> <li>f) High Pressure Hoses are used wherever require as per the need</li> </ul>
xiii	<p>The green belt of at least 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downwind direction and along road sides etc. Selection of</p>	<p>Site is having greenbelt area of 80808 m<sup>2</sup> (33% of total plot area). Total 15000 trees are surrounding production plants. Plantation photographs are enclosed as <b>Annexure-7</b></p>

	plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.	
xiv	All the commitments regarding issues raised during the public hearing / consultation meeting held on 2 <sup>nd</sup> December 2017 shall be satisfactorily implemented.	The public hearing compliance matrix is enclosed as <b>Annexure-8</b>
xv	At least 2.5% of the total project cost shall be allocated for Enterprise Social Commitment based on public hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.	The Company has spent Rs. 59.13 Lakhs for ESR activity as against amount of Rs. 121.01 Lakhs which the company is liable to spend based on its capital investment as on 30th September 2022 (which is 2.5% of invested amount). The company has initiated measures to spend the balance amount of Rs. 61.89 Lakhs. Details are enclosed as <b>Annexure-9</b>
xvi	For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	The DG sets are provided with proper stack height as per CPCB norms & acoustic enclosure. Photograph of the acoustic enclosure is enclosed as <b>Annexure-10</b>  Stack height of 6.3 m has been provided for the D.G set of 1000 KVA Stack height of 30 m has been provided for the D.G set of 1010 KVA.
xvii	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	Proper arrangement such as fire extinguishers and the fire hydrant system has been provided as per the norms Details are enclosed as <b>Annexure-23</b>
xvii i	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance is being carried out regularly. Form-7 for the period 3/8/2022 onwards is enclosed as <b>Annexure-11</b>
xix	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Raw materials are being stored in Tank Farm. Photographs are enclosed as <b>Annexure-6</b>

xx	The energy sources for lighting purpose shall preferably be LED based A minimum of 10-20% of the total power requirement for the industrial operations shall be met from non-conventional energy resources/solar/supply.	<p>The statement of the LEDs installed in the RM store, Water works and PP3/4/5 utility is given below:</p> <table border="1"> <thead> <tr> <th>Sr. No.</th><th>Location</th><th>LED light installation</th></tr> </thead> <tbody> <tr> <td>1</td><td>RM Store</td><td>34 nos. of conventional tube lights replaced with 40W LED tube lights in RM stores</td></tr> <tr> <td>2</td><td>Waterworks</td><td>Installed 4nos. of 70W welglass fittings</td></tr> <tr> <td>3</td><td>PP3/4/5 utility</td><td>Installed 8 nos. of 70W LED welglass fittings 4 nos. of 35W led welglass fittings</td></tr> </tbody> </table> <p>The further details of the power consumption reduction is enclosed as <b>Annexure-12</b></p>	Sr. No.	Location	LED light installation	1	RM Store	34 nos. of conventional tube lights replaced with 40W LED tube lights in RM stores	2	Waterworks	Installed 4nos. of 70W welglass fittings	3	PP3/4/5 utility	Installed 8 nos. of 70W LED welglass fittings 4 nos. of 35W led welglass fittings
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xxi	Continuous online (24x7) monitoring system for stack emission shall be installed for measurement of fuel gas discharge and the pollutants concentration and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	<p>The online monitoring of the stacks is being carried out for the measurement of the flue gas discharge and the pollutants concentrations. The online CEMS has been connected to the CPCB and MCPB server.</p> <p>The online continuous effluent monitoring of the effluent is being carried out and the unit has installed web camera with night vision capability and flow meters in the channel / drain carrying effluent within the premises. The online effluent monitoring system has been connected to the CPCB and MPCB server. The MPCB login portal along with other details is enclosed as <b>Annexure-13</b></p>												
<b>Other General Conditions</b>														
i	The project authorities shall strictly adhere to the stipulations made by the State Pollution Control Board, Central Pollution Control Board, State Government and any other statutory authority.	<p>Annual returns in Form-4 as required are being submitted to MPCB regularly. The latest Form-4 was submitted online to MPCB on 30/6/2022. The Form-4 is enclosed as <b>Annexure-14</b></p> <p>The Environmental Statement i.e, Form-V is also being regularly submitted online to MPCB. The latest Form-V was submitted online to MPCB on 26/09/2022. The Form-V is enclosed as <b>Annexure-15</b></p> <p>We have also obtained necessary statutory permission such as CTE and the CTO from MPCB and we are scrupulously adhering to the stipulations, terms &amp; conditions mentioned therein.</p>												
ii	No further expansion or modifications in the plant shall be carried out without prior approval of the	Agreed and noted for compliance												



	Ministry of Environment, Forest and Climate change. In case of deviation or alterations in the project proposals from those submitted to this Ministry for clearance a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environment protection measures required if any.	
iii	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	<p>The ambient air quality monitoring was carried out at four locations in September 2022 inside factory premises. A snapshot of the results is presented below:</p> <p>The PM<sub>10</sub> varied from 46.92 µg/m<sup>3</sup> (Near ETP) to 68.02 µg/m<sup>3</sup> (Near MPP BASF plant)</p> <p>The PM<sub>2.5</sub> varied from 16.53 µg/m<sup>3</sup> (Near ETP) to 32.1 µg/m<sup>3</sup> (Near MPP BASF plant).</p> <p>The NO<sub>x</sub> varied from 24.40 µg/m<sup>3</sup> (Near ETP) to 63.41 µg/m<sup>3</sup> (Near MPP BASF plant).</p> <p>The SO<sub>2</sub> varied from &lt; 8.5 µg/m<sup>3</sup> (Near Colony Canteen) to 25.60 µg/m<sup>3</sup> (Near MPP BASF plant).</p> <p>Additional Air Monitoring is conducted at Indira Nagar &amp; Sarwati Nagar in September 2022. A snapshot of the results is presented below:</p> <p>The PM<sub>10</sub> at Indira Nagar is 55.39 µg/m<sup>3</sup> and at Sarwati Nagar is 57.84 µg/m<sup>3</sup></p> <p>The PM<sub>2.5</sub> at Indira Nagar is 25.3 µg/m<sup>3</sup> and at Sarwati Nagar is 27.21 µg/m<sup>3</sup></p> <p>The NO<sub>x</sub> at Indira Nagar is 32.17 µg/m<sup>3</sup> and at Sarwati Nagar is 22.90 µg/m<sup>3</sup></p> <p>The SO<sub>2</sub> at Indira Nagar is 13.86 µg/m<sup>3</sup> and at Sarwati Nagar Village is 12.06 µg/m<sup>3</sup></p> <p>The results depict that the all the parameters are within the respective stipulated limits as per NAAQS 2009.</p> <p>The AAQM reports are enclosed as <b>Annexure-16</b></p>
iv	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R No. 826(E) dated 16 <sup>th</sup> November, 2009 shall be followed.	<p>All the parameters are being monitored as per NAAQS 2009 promulgated vide G.S.R No. 826(E) dated 16<sup>th</sup> November, 2009.</p> <p>The snapshot of the some of the results is presented below:</p> <p>The ambient air quality monitoring was carried out at four locations in September 2022 inside factory premises. A snapshot of the results is presented below:</p>

		<p>The PM<sub>10</sub> varied from 46.92 µg/m<sup>3</sup> (Near ETP) to 68.02 µg/m<sup>3</sup> (Near MPP BASF plant)</p> <p>The PM<sub>2.5</sub> varied from 16.53 µg/m<sup>3</sup> (Near ETP) to 32.1 µg/m<sup>3</sup> (Near MPP BASF plant).</p> <p>The NO<sub>x</sub> varied from 24.40 µg/m<sup>3</sup> (Near ETP) to 63.41 µg/m<sup>3</sup> (Near MPP BASF plant).</p> <p>The SO<sub>2</sub> varied from &lt; 8.5 µg/m<sup>3</sup> (Near Colony Canteen) to 25.60 µg/m<sup>3</sup> (Near MPP BASF plant).</p> <p>Additional Air Monitoring is conducted at Indira Nagar &amp; Sarswati Nagar in September 2022. A snapshot of the results is presented below:</p> <p>The PM<sub>10</sub> at Indira Nagar is 55.39 µg/m<sup>3</sup> and at Sarswati Nagar is 57.84 µg/m<sup>3</sup></p> <p>The PM<sub>2.5</sub> at Indira Nagar is 25.3 µg/m<sup>3</sup> and at Sarswati Nagar is 27.21 µg/m<sup>3</sup></p> <p>The NO<sub>x</sub> at Indira Nagar is 32.17 µg/m<sup>3</sup> and at Sarswati Nagar is 22.90 µg/m<sup>3</sup></p> <p>The SO<sub>2</sub> at Indira Nagar is 13.86 µg/m<sup>3</sup> and at Sarswati Nagar Village is 12.06 µg/m<sup>3</sup></p> <p>The results depict that the all the parameters are within the respective stipulated limits as per NAAQS 2009.</p>
v	<p>The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dB(A) (day time) and 70 dB(A) (night time)</p>	<p>The ambient noise levels are being monitored regularly. The ambient noise was monitored at 14 locations. A snapshot of the Leq day and Leq night is presented below:</p> <p>The Leq day varied from 61.4 dB(A) (Near Main Gate) to 74.2 dB(A) (DG ON (1000 KVA)).</p> <p>The Leq night varied from 57 dB(A) (Near Main Gate) to 64.6 dB(A) (MPP Ground Floor and D.G area (near Boiler))</p> <p>The ambient noise levels are within the respective limits of daytime: 75 dB(A) and the night time: 70 dB(A) for the industrial area as per CPCB.</p> <p>The noise reports are enclosed as <b>Annexure-17</b></p>
vi	<p>The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.</p>	<p>Rain water harvesting is in place. A rainwater harvesting structure of the dimensions 2.5 m x 1.5 m x 2.0 m i.e., 7.5 m<sup>3</sup> has been constructed for storing rain water. The schematic drawing of rainwater harvesting is enclosed as <b>Annexure-18</b></p>

Vii	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre – employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Training is being imparted to all employees on safety and health aspects of chemicals handling. Pre –employment and routine periodical medical examinations for all employees are being undertaken on regular basis. Training to all employees on handling of chemicals is being imparted. Training record is available and enclosed as <b>Annexure-22</b>
viii	The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environment management, and risk mitigation measures relating to the project shall be implemented.	We are scrupulously complying with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environment management, and risk mitigation measures relating to the project are being implemented.
ix	The Company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. ESC activities shall be undertaken by involving local villages and administration.	We have already started ESC activities in local surrounding villages.
x	The company shall undertake eco-developmental measures including community welfare measures in the project are for the overall improvement of the environment.	Noted and agreed
xi	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and	A total capital cost of Rs. 170.32 lakhs had been allocated for the year 2022 -2023 for the environmental protection measures as part of the implementation of the conditions stipulated by MoEF & CC as well as the State Government. Out of the total capital cost of Rs. 170.32 lakhs, a capital cost of Rs. 0 lakhs has been incurred. A recurring cost of Rs. 88.93 lakhs has

	Climate Change as well as the State Government along with the implementation schedule for the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	been incurred for the environmental protection measures for the period April 2022 to September 2022.
xii	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad /Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any were received while processing the proposals.	Noted & Agreed We have not received any suggestions and representations while processing the proposals from concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban local and the local NGO. Hence this clearance copy not given to them.
xiii	The project proponent shall also submit six monthly reports on the status compliance of the stipulated Environment Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF & CC, the respective Zonal Office of CPCB and SPCB. A copy of Environment Clearance and six monthly compliance status report shall be posted on the website of the company.	We are submitting the six monthly compliance reports regularly. The speed post receipts of the 8 <sup>th</sup> six monthly compliance report submitted to the various regulatory agencies is enclosed as <b>Annexure-19</b>
xiv	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form – V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under	The Environmental Statement i.e, Form-V is also being regularly submitted online to MPCB. The latest Form-V was submitted online to MPCB on 26/09/2022. Status of compliance of EC is already put on company website along with EC Letter and also sent to Regional Offices of MOEF&CC by email.  The weblink for the uploaded EC letter on the website is as under:

	<p>the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of environment clearance conditions and shall also be sent to the respective Regional Offices of MoEF&amp;CC by e-mail.</p>	<p><a href="https://www.innovassynth.com/wp-content/uploads/2022/03/Environmental-Clearance-Certificate-23042018.pdf">https://www.innovassynth.com/wp-content/uploads/2022/03/Environmental-Clearance-Certificate-23042018.pdf</a></p> <p>The web-link for the six-monthly compliance report on the website is as under:</p> <p><a href="https://www.innovassynth.com/wp-content/uploads/2022/06/EC_COMPLIANCE_08.pdf">https://www.innovassynth.com/wp-content/uploads/2022/06/EC_COMPLIANCE_08.pdf</a></p> <p>The Form-V is attached to the six-monthly compliance report as <b>Annexure -15</b></p>
xv	<p>The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be sent at Website of the Ministry at <a href="http://moef.nic.in">http://moef.nic.in</a>. This shall be advertised within seven days from the date of issues of the clearance letter, at least in two local newspaper that are widely circulated in the region of which one shall be in the vernacular languages of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.</p>	<p>The advertisement of the obtained Environmental clearance was published in the newspapers, Loksatta (Marathi) dated 27<sup>th</sup> April 2018 and Indian Express (English) dated 27<sup>th</sup> April 2018.</p> <p>The aforesaid advertisements are enclosed as <b>Annexure-20</b></p>
xvi	<p>The project authorities shall inform the Regional Office as well as the ministry the data of financial closer and final approval of the project by the concerned authorities and the date of start of the project.</p>	<p>We have already taken CTE &amp; CTO from Maharashtra Pollution Control Board (MPCB). We have already informed to the ministry and Regional Office of MOEF&amp;CC about the project start in the in vide letter dated 04/09/2018.</p>
11	<p>The Ministry may revoke or suspend the clearance ,at</p>	<p>Noted and agreed</p>

	subsequent stages ,if implementation of any of the above conditions is not satisfactory	
12.	The Ministry reserves the right to stipulate the additional in a conditions, if found necessary. The company in a time bound manner will implement these conditions	Noted and agreed
13.	The above conditions will be enforced inter alia under the provisions of the Water (Prevention and Control of Pollution), Act 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management) and Transboundary Movement) Rules, 2016 and Public Liability Insurance Act, 1991 along with their amendments and rules	The latest valid PLI copies are enclosed as <b>Annexure-21</b>

### List of Annexures

<b>Annexure No.</b>	<b>Title of Annexure</b>
1	Amendment in the CTO under change in product mix
1A	Photos of the ZLD scheme
2	CHWTSDf certificate
3	ETP outlet reports
4	Water permission from the Irrigation Department Karjat
5	Photographs of the separate effluent conveyance system sewage conveyance system and storm water drain
6	Photographs of the tank farm
7	Plantation photographs
8.	Public hearing compliance matrix
9.	Details of the ESR
10.	Photograph of the acoustic enclosure
11.	Form-7 for the period 3/8/2022 onwards
12.	Details of the reduction achieved in power consumption
13.	MPCB server login screenshot and other details
14.	Latest submitted Form-4
15.	Latest submitted Form-V
16.	AAQM reports
17.	Noise reports
18.	Schematic of the rain water harvesting scheme
19.	Speed post receipts of the submission of 8 <sup>th</sup> six monthly compliance reports
20.	Advertisement published in newspapers about accord of EC
21.	Latest valid PLI copies
22.	Training record
23.	Details of firefighting facilities
24.	Final stack reports
25.	Workplace air reports

## **Annexure – 1**

# **Amendment in the CTO under change in product mix**



# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2nd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle,  
Sion (E), Mumbai-400022

RED/L.S.I (R22)  
No:- Format1.0/CC/UAN  
No.0000121756/CR/2209000479

Date: 11/09/2022

To,  
M/s. Innovassynth Technologies (India) Limited.,  
Revenue Survey No. 9 - 24, Wasrang 34-36,  
Chinchwali at Khopoli, Tal.- Khalapur,  
Dist-Raigad -410203.



Your Service is Our Duty

**Sub: Grant of Amendment in existing Consent to Operate under change in product mix.**

- Ref:**
1. Consent to 1st Operate (part-II) for expansion & amalgamation granted by the Board vide Consent No. Format 1.0/UAN No. MPCB-BY\_PRODUCT-0000000013/CO-2112000001, Dated. 22.12.2021 valid upto 21.08.2023
  2. Environmental Clearance accorded by MoEF & CC, Govt. of India vide No. F. No. J-11011/20/2017-IA-II (I), Date. 12.04.2018.
  3. Minutes of committee meeting for By-product and Hazardous Waste Categorization held on 02.09.2021.
  4. Minutes of the 4th Technical Committee under change in product mix, date.19.02.2022 & 22.02.2022.
  5. Minutes of the 13th Consent Committee meeting held on 01.08.2022.

Your application No.MPCB-CONSENT-0000121756 Dated 15.09.2021

For: Grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 31/08/2023**
2. **The capital investment of the project is Rs.108.6687 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 108.13 Crs + Expansion/Increase in C.I. - Rs. 0.53 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
Products					
1	2-(4-Morpholinyl)-8-Phenyl-[4H-1] - benzopyran-4-one	8.4	1.6	10	Kg/M
2	Cyclopropyl Methyl Bromide (CMB) OR CPMB	50	0	50	Kg/M
3	3'-Amino-5' OH Thymidine (Amino - T)	0.5	0	0.5	Kg/M

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
4	Substituted Triazine Derivative / CG 29-1127 / 4-[4,6-bis(2,4-dimethyl phenyl)-1,3,5-triazine-2yl]-1,3 Benzenediol	68671.3	199.231	68870.531	Kg/M
5	Norcamphor	6.6	3.4	10	Kg/M
6	4-Pentenoic Acid	20	80	100	Kg/M
7	3-3 Dimethyl Cyclohexanone (DMCH)	50	0	50	Kg/M
8	2-6 Diamino-9-(?-D-Ribo) Purine (DAP)	5	0	5	Kg/M
9	N-Bz-DMTMOE C OR (N-Benzoyl-(4,4'-dimethoxytrityl)(methoxy ethyl)-cytidine) (PNS)	15.8	84.2	100	Kg/M
10	2'-MOE Cytidine	0.85	0.15	1	Kg/M
11	2'-MOE N-Benzoyl Cytidine (Diol)	0.85	0.15	1	Kg/M
12	5'-ODMT-2'-MOE N-Benzoyl Cytidine-3'-OCEPA (Amidite)	15.8	0.2	16	Kg/M
13	N-Benzoyl - 3 - Tritylamino 5 Phosphoramidite 2 - deoxy Adenosine (dA)	0.5	0.5	1	Kg/M
14	3 - Tritylamino 5 - Phosphoramidite N-Bz-Dc	0.5	0.5	1	Kg/M
15	N - Isobutyryl - 3- Tritylamino 5 - Phosphoramidite 2 - deoxy Guanosine (dG)	0.5	0.5	1	Kg/M
16	3 - Tritylamino 5 - Phosphoramidite Thymidine (dT)	0.5	0.5	1	Kg/M
17	4-Methyl -2-Thiomethyl Pyrimidine	40	0	40	Kg/M
18	4-HEXYL RESORCINOL	2000	-1250	750	Kg/M
19	N2 Phenyl Acetyl Guanosine OR N-iPAC dG OR dG(iPAC)	4	21	25	Kg/M
20	p-Nitro Phenyl Phosphate - Disodium Salt Hexahydrate OR PNPP DiNa	200	0	200	Kg/M
21	p-Nitro Phenyl Phosphate - Ditriss Salt OR PNPP Ditriss	10	0	10	Kg/M
22	5'-ODMT-2'MOE-T OR [5'-O (4,4'-DIMETHOXY TRITYL) - 2'-O-(2-METHOXYETHYL) - THYMIDINE] (PNS)	100	0	100	Kg/M
23	2'-MOE Thymidine (Diol)	2.5	0.5	3	Kg/M
24	5'-ODMT-2'-MOE Thymidine-3'-OCEPA (Amidite)	23.75	1.25	25	Kg/M
25	N - BZ - 5' - ODMT - 2' - MOE - 5 - Me - C OR (5'-O (4,4'-DIMETHOXY TRITYL)-2'-O-(2-METHOXYETHYL) N4 -BENZOYL-5-METHYL-CYTIDINE) (PNS)	11.875	88.125	100	Kg/M
26	2'-MOE N-Benzoyl 5-Methyl Cytidine (Diol)	2.5	0.5	3	Kg/M
27	5'-ODMT-2'-MOE N-Benzoyl 5-Methyl Cytidine 3'-OCEPA (Amidite)	11.875	0.125	12	Kg/M
28	3'-ODMT-2'-MOE N-Benzoyl 5-Methyl Cytidine (Reverse PNS)	11.875	0.125	12	Kg/M

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
29	3'-ODMT-2'-MOE N-Benzoyl 5-Methyl Cytidine 5'-OCEPA (Reverse Amidite)	11.875	0.125	12	Kg/M
30	2' - FU AMIDITE OR (5'-O-(4,4'-DIMETHOXY TRITYL)-2'-FLUORO URIDINE-3'-[(2-CYANOETHYL)-(N,N-DI ISOPROPYL)]-PHOSPHORAMIDITE)	0.5	24.5	25	Kg/M
31	5'-ODMT-2'-Fluoro Uridine (PNS)	0.5	99.5	100	Kg/M
32	5'-ODMT-N-Ac-2'-Fluoro Cytidine-3'-OCEPA (Amidite)	0.5	24.5	25	Kg/M
33	5'-ODMT-N-Ac-2'-Fluoro Cytidine (PNS)	0.5	99.5	100	Kg/M
34	5'-DMT-2'-OTBDMS-RNA PHOSPHORAMITE AND DERIVATIVES	5.227	44.773	50	Kg/M
35	3',5'-Triflate Adenosine	0.086	0.014	0.1	Kg/M
36	3',5'-Triflate 2'-OTBDMS-Adenosine	0.086	0.014	0.1	Kg/M
37	N6-Benzoyl Adenosine (N6-Bz-A)	0.086	0.014	0.1	Kg/M
38	3',5'-Triflate 2'-OTBDMS-N6-Benzoyl Adenosine	0.086	0.014	0.1	Kg/M
39	2'-OTBDMS-N6-Benzoyl Adenosine	0.086	0.014	0.1	Kg/M
40	5'-O-Dimethoxytrityl 2'-OTBDMS-N6-Benzoyl Adenosine (PNS)	5.295	0.705	6	Kg/M
41	5'-O-Dimethoxytrityl 2'-OTBDMS-N6-Benzoyl Adenosine 3'-CEPA (Amidite)	5.295	0.705	6	Kg/M
42	5'-O-Dimethoxytrityl 2'-OTBDMS-N6-Benzoyl Adenosine 3'-Succinate TEA salt	0.086	0.014	0.1	Kg/M
43	3',5'-Triflate Guanosine	0.086	0.014	0.1	Kg/M
44	N2-isobutyryl-Guanosine	0.086	0.014	0.1	Kg/M
45	3',5'-Triflate 2'-OTBDMS-N2-Isobutyryl Guanosine	0.086	0.014	0.1	Kg/M
46	2'-OTBDMS-N2-Isobutyryl Guanosine	0.086	0.014	0.1	Kg/M
47	5'-O-Dimethoxytrityl 2'-OTBDMS-N2-Isobutyryl Guanosine (PNS)	5.295	0.705	6	Kg/M
48	5'-O-Dimethoxytrityl 2'-OTBDMS-N2-Isobutyryl Guanosine 3'-CEPA (Amidite)	5.295	0.705	6	Kg/M
49	5'-O-Dimethoxytrityl 2'-OTBDMS-N2-Isobutyryl Guanosine 3'-Succinate TEA salt	0.086	0.014	0.1	Kg/M
50	N2-dmf-Guanosine	0.086	0.014	0.1	Kg/M
51	3',5'-Triflate 2'-OTBDMS-N2-dmf Guanosine	0.086	0.014	0.1	Kg/M
52	2'-OTBDMS-N2-dmf Guanosine	0.086	0.014	0.1	Kg/M
53	5'-O-Dimethoxytrityl 2'-OTBDMS-N-DMF-Guanosine (PNS)	0.086	0.014	0.1	Kg/M
54	5'-O-Dimethoxytrityl 2'-OTBDMS-N-DMF-Guanosine 3'-CEPA (Amidite)	0.086	0.014	0.1	Kg/M
55	5'ODMT-2'OTBDMS-NAc-CYTIDINE	0.086	0.014	0.1	Kg/M

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
56	3'5'-(Di-t-butyl-silyl) 2'-OTBDMS Cytidine (Triflate 2'-OTBDMS-Cytidine)	0.086	0.014	0.1	Kg/M
57	Triflate 2'-OTBDMS-N4-Acetyl Cytidine	0.086	0.014	0.1	Kg/M
58	2'-OTBDMS-N4-Acetyl Cytidine	0.086	0.014	0.1	Kg/M
59	5'-O-Dimethoxytrityl-N4-Acetyl 2'-OTBDMS-Cytidine (PNS)	5.227	0.773	6	Kg/M
60	5'-O-Dimethoxytrityl-2'-OTBDMS-N4-Acetyl Cytidine 3'-CEPA (Amidite)	5.227	0.773	6	Kg/M
61	5'-O-Dimethoxytrityl-2'-OTBDMS-N-Ac-Cytidine 3'-O-succinate TEA salt	0.086	0.014	0.1	Kg/M
62	3'5'-Triflate Uridine	0.086	0.014	0.1	Kg/M
63	3'5'-Triflate 2'-OTBDMS-Uridine	0.086	0.014	0.1	Kg/M
64	2'-OTBDMS Uridine	0.086	0.014	0.1	Kg/M
65	5'-O-Dimethoxytrityl-Uridine	0.086	0.014	0.1	Kg/M
66	5'-O-Dimethoxytrityl-2'-OTBDMS Uridine (PNS)	5.227	0.773	6	Kg/M
67	5'-O-Dimethoxytrityl-2'-OTBDMS Uridine 3'-CEPA (Amidite)	5.227	0.773	6	Kg/M
68	5'-O-Dimethoxytrityl-2'-OTBDMS-Uridine 3'-O-Succinate TEA salt	0.086	0.014	0.1	Kg/M
69	5'ODMT-2'OTBDMS-N-Bz-Adenosine-3'-Isopropyl Phosphoramidite (Impurity)	0.09	0.01	0.1	Kg/M
70	5'ODMT-2'OTBDMS-NiBu-Guanosine-3'-Isopropyl Phosphoramidite (Impurity)	0.09	0.01	0.1	Kg/M
71	5'ODMT-2'OTBDMS-Ndmf-Guanosine-3'-Isopropyl Phosphoramidite (Impurity)	0.09	0.01	0.1	Kg/M
72	5'ODMT-2'OTBDMS-N-Ac-Cytidine-3'-Isopropyl Phosphoramidite (Impurity)	0.09	0.01	0.1	Kg/M
73	5'ODMT-2'OTBDMS-Uridine-3'-Isopropyl Phosphoramidite(Impurity)	0.09	0.01	0.1	Kg/M
74	SODIUM BETA GLYCERO PHOSPHATE	50	0	50	Kg/M
75	7-BROMO 1HEPTENE	500	-450	50	Kg/M
76	2,2 BIS [-(2INDENYL)BIPHENYL]ZICRONIUM(IV) CHLORIDE	50	0	50	Kg/M
77	L-METHIONINE SULFOXIME	5	0	5	Kg/M
78	4,4'--DIMETHOXYTRITYL CHLORIDE (DMT-Cl)	1250	750	2000	Kg/M
79	1-CYANO CYCLOBUTANE-1,2-DICARBOXYLIC ACID DIMETHYL EASTER / TRANSDIACID	300	0	300	Kg/M
80	Trans 1,2-Cyclobutane Dicarboxylic acid	64	0	64	Kg/M
81	5'-DMT-C-ETHYL N-PROTECTED NUCLEOSIDE AND PHOSPHORAMIDITE	1.52	8.48	10	Kg/M
82	cEt N-Benzoyl Adenosine (Diol)	0.169	-0.159	0.01	Kg/M
83	5'-ODMT cEt N-Benzoyl Adenosine (PNS)	1.52	-0.151	0.01	Kg/M
84	5'-ODMT cEt N-Benzoyl Adenosine-3'-OCEPA (Amidite)	1.52	4.016	5.536	Kg/M
85	cEt N-isobutryl Guanosine (Diol)	0.169	-0.159	0.01	Kg/M

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
86	5'-ODMT cEt N-isobutryl Guanosine (PNS)	1.52	-1.51	0.01	Kg/M
87	5'-ODMT cEt N-isobutryl Guanosine-3'-OCEPA (Amidite)	1.52	4.016	5.536	Kg/M
88	cEt N-dmf Guanosine (Diol)	0.169	-0.159	0.01	Kg/M
89	5'-ODMT cEt N-dmf Guanosine (PNS)	1.52	-1.51	0.01	Kg/M
90	5'-ODMT cEt N-dmf Guanosine-3'-OCEPA (Amidite)	1.52	4.016	5.536	Kg/M
91	cEt N-Benzoyl Cytidine (Diol)	0.169	-0.159	0.01	Kg/M
92	5'-ODMT cEt N-Benzoyl Cytidine (PNS)	1.52	-1.51	0.01	Kg/M
93	5'-ODMT cEt N-Benzoyl Cytidine-3'-OCEPA (Amidite)	1.52	4.016	5.536	Kg/M
94	cEt N-Benzoyl 5-Methyl Cytidine (Diol)	0.169	-0.159	0.01	Kg/M
95	5'-ODMT cEt N-Benzoyl 5-Methyl Cytidine (PNS)	1.52	-1.51	0.01	Kg/M
96	5'-ODMT cEt N-Benzoyl 5-Methyl Cytidine-3'-OCEPA (Amidite)	1.52	4.016	5.536	Kg/M
97	cEt N-Acetyl Cytidine (Diol)	0.169	-0.159	0.01	Kg/M
98	5'-ODMT cEt N-Acetyl Cytidine (PNS)	1.52	-1.51	0.01	Kg/M
99	5'-ODMT cEt N-Acetyl Cytidine-3'-OCEPA (Amidite)	1.52	4.016	5.536	Kg/M
100	cEt N-Acetyl 5-Methyl Cytidine (Diol)	0.169	-0.159	0.01	Kg/M
101	5'-ODMT cEt N-Acetyl 5-Methyl Cytidine (PNS)	1.52	-1.51	0.01	Kg/M
102	5'-ODMT cEt N-Acetyl-5-Methyl Cytidine-3'-OCEPA (Amidite)	1.52	4.016	5.536	Kg/M
103	cEt Uridine (Diol)	0.169	-0.159	0.01	Kg/M
104	5'-ODMT cEt Uridine (PNS)	1.52	-1.51	0.01	Kg/M
105	5'-ODMT cEt Uridine-3'-OCEPA (Amidite)	1.52	4.016	5.536	Kg/M
106	cEt Thymidine (Diol)	0.169	-0.159	0.01	Kg/M
107	5'-ODMT cEt Thymidine (PNS)	1.52	-1.51	0.01	Kg/M
108	5'-ODMT cEt Thymidine-3'-OCEPA (Amidite)	1.52	4.016	5.536	Kg/M
109	NAP SUGAR	100	-25	75	Kg/M
110	Aldol Sugar	12.5	12.5	25	Kg/M
111	ENA -PROTECTED NUCLEOSIDE & PHOSPHORAMIDITE	0.106	0	0.106	Kg/M
112	ENA N-Bz Adenosine (Diol)	0.013	0	0.013	Kg/M
113	5'-ODMT ENA N-Bz Adenosine (PNS)	0.106	0	0.106	Kg/M
114	5'-ODMT ENA N-Bz Adenosine-3'-OCEPA (Amidite)	0.106	0	0.106	Kg/M

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
115	ENA N-iBu Guanosine (Diol)	0.013	0	0.013	Kg/M
116	5'-ODMT ENA N-iBu Guanosine (PNS)	0.106	0	0.106	Kg/M
117	5'-ODMT ENA N-iBu Guanosine-3'-OCEPA (Amidite)	0.106	0	0.106	Kg/M
118	ENA N-Bz Cytidine (Diol)	0.013	0	0.013	Kg/M
119	5'-ODMT ENA N-Bz Cytidine (PNS)	0.106	0	0.106	Kg/M
120	5'-ODMT ENA N-Bz Cytidine-3'-OCEPA (Amidite)	0.106	0	0.106	Kg/M
121	ENA Thymidine (Diol)	0.013	0	0.013	Kg/M
122	5'-ODMT ENA Thymidine (PNS)	0.106	0	0.106	Kg/M
123	5'-ODMT ENA Thymidine-3'-OCEPA (Amidite)	0.106	0	0.106	Kg/M
124	E-TETRACETATE	50	0	50	Kg/M
125	TAC PROTECTED NECLEOSIDE & PHOSPHORAMIDITE	2.5	0	2.5	Kg/M
126	N-Tac deoxy Cytidine (Diol)	0.278	0	0.278	Kg/M
127	5'-ODMT N-Tac deoxy Cytidine (PNS)	2.5	0	2.5	Kg/M
128	5'-ODMT N-Tac deoxy Cytidine 3'-CEPA (Amidite)	2.5	0	2.5	Kg/M
129	N-Tac deoxy Adenosine (Diol)	0.278	0	0.278	Kg/M
130	5'-ODMT N-Tac deoxy Adenosine (PNS)	2.5	0	2.5	Kg/M
131	5'-ODMT N-Tac deoxy Adenosine 3'-CEPA (Amidite)	2.5	0	2.5	Kg/M
132	N-Tac deoxy Guanosine (Diol)	0.278	0	0.278	Kg/M
133	5'-ODMT N-Tac deoxy Guanosine (PNS)	2.5	0	2.5	Kg/M
134	5'-ODMT N-Tac deoxy Guanosine 3'-CEPA (Amidite)	2.5	0	2.5	Kg/M
135	2'-OTBDMS N-Tac Cytidine (Diol)	0.278	0	0.278	Kg/M
136	5'-ODMT 2'-OTBDMS N-Tac Cytidine (PNS)	2.5	0	2.5	Kg/M
137	5'-ODMT 2'-OTBDMS N-Tac Cytidine 3'-CEPA (Amidite)	2.5	0	2.5	Kg/M
138	2'-OTBDMS N-Tac Adenosine (Diol)	0.278	0	0.278	Kg/M
139	5'-ODMT 2'-OTBDMS N-Tac Adenosine (PNS)	2.5	0	2.5	Kg/M
140	5'-ODMT 2'-OTBDMS N-Tac Adenosine 3'-CEPA (Amidite)	2.5	0	2.5	Kg/M
141	2'-OTBDMS N-Tac Guanosine (Diol)	0.278	0	0.278	Kg/M
142	5'-ODMT 2'-OTBDMS N-Tac Guanosine (PNS)	2.5	0	2.5	Kg/M
143	5'-ODMT 2'-OTBDMS N-Tac Guanosine 3'-CEPA (Amidite)	2.5	0	2.5	Kg/M
144	2'-OMe N-Tac Cytidine (Diol)	0.278	0	0.278	Kg/M
145	5'-ODMT 2'-OMe N-Tac Cytidine (PNS)	2.5	0	2.5	Kg/M



Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
146	5'-ODMT 2'-OMe N-Tac Cytidine 3'-CEPA (Amidite)	2.5	0	2.5	Kg/M
147	2'-OMe N-Tac Adenosine (Diol)	0.278	0	0.278	Kg/M
148	5'-ODMT 2'-OMe N-Tac Adenosine (PNS)	2.5	0	2.5	Kg/M
149	5'-ODMT 2'-OMe N-Tac Adenosine 3'-CEPA (Amidite)	2.5	0	2.5	Kg/M
150	2'-OMe N-Tac Guanosine (Diol)	0.278	0	0.278	Kg/M
151	5'-ODMT 2'-OMe N-Tac Guanosine (PNS)	2.5	0	2.5	Kg/M
152	5'-ODMT 2'-OMe N-Tac Guanosine 3'-CEPA (Amidite)	2.5	0	2.5	Kg/M
153	5'-DMT-2'-MOE PROTECTED NUCLEOSIDE & PHOSPHORAMIDITE	300	-150	150	Kg/M
154	2'-MOE N-Benzoyl Adenosine (Diol)	1.25	0.75	2	Kg/M
155	5'-ODMT-2'-MOE N-Benzoyl Adenosine (PNS)	10.55	89.45	100	Kg/M
156	5'-ODMT-2'-MOE N-Benzoyl Adenosine-3'-OCEPA (Amidite)	10.55	4.45	15	Kg/M
157	2'-MOE N-Isobutryl Guanosine (Diol)	1.25	-0.25	1	Kg/M
158	5'-ODMT-2'-MOE N-Isobutryl Guanosine (PNS)	10.55	39.45	50	Kg/M
159	5'-ODMT-2'-MOE N-Isobutryl Guanosine-3'-OCEPA (Amidite)	10.56	-3.56	7	Kg/M
160	2'-MOE N-dmf Guanosine (Diol)	1.25	-0.25	1	Kg/M
161	5'-ODMT-2'-MOE N-dmf Guanosine (PNS)	10.56	39.44	50	Kg/M
162	5'-ODMT-2'-MOE N-dmf Guanosine-3'-OCEPA (Amidite)	10.56	-3.56	7	Kg/M
163	2'-MOE Uridine (Diol)	1.25	-0.25	1	Kg/M
164	5'-ODMT-2'-MOE Uridine (PNS)	10.56	39.44	50	Kg/M
165	5'-ODMT-2'-MOE Uridine-3'-OCEPA (Amidite)	10.56	-3.56	7	Kg/M
166	5'-DMT-2'-O-METHYL PROTECTED NUCLEOSIDE & PHOSPHORAMIDITIES	100	-50	50	Kg/M
167	2'-OMe N-Benzoyl Adenosine (Diol)	0.139	0.061	0.2	Kg/M
168	5'-ODMT-2'-OMe N-Benzoyl Adenosine (PNS)	3.167	71.833	75	Kg/M
169	5'-ODMT-2'-OMe N-Benzoyl Adenosine-3'-OCEPA (Amidite)	3.167	21.833	25	Kg/M
170	2'-OMe N-isobutryl Guanosine (Diol)	0.139	0.061	0.2	Kg/M
171	5'-ODMT-2'-OMe N-isobutryl Guanosine (PNS)	3.167	71.833	75	Kg/M
172	5'-ODMT-2'-OMe N-isobutryl Guanosine-3'-OCEPA (Amidite)	3.167	21.833	25	Kg/M
173	2'-OMe N-dmf Guanosine (Diol)	0.139	0.061	0.2	Kg/M
174	5'-ODMT-2'-OMe N-dmf Guanosine (PNS)	3.167	-2.167	1	Kg/M

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
175	5'-ODMT-2'-OMe N-dmf Guanosine-3'-OCEPA (Amidite)	3.167	-2.167	1	Kg/M
176	2'-OMe N-Benzoyl Cytidine (Diol)	0.139	0.061	0.2	Kg/M
177	5'-ODMT-2'-OMe N-Benzoyl Cytidine (PNS)	3.167	-2.167	1	Kg/M
178	5'-ODMT-2'-OMe N-Benzoyl Cytidine-3'-OCEPA (Amidite)	3.167	-2.167	1	Kg/M
179	2'-OMe N-Acetyl Cytidine (Diol)	0.139	0.061	0.2	Kg/M
180	5'-ODMT-2'-OMe N-Acetyl Cytidine (PNS)	3.167	71.833	75	Kg/M
181	5'-ODMT-2'-OMe N-Acetyl Cytidine-3'-OCEPA (Amidite)	3.167	21.833	25	Kg/M
182	5'-ODMT-2'-OMe Thymidine (PNS)	3.167	-2.167	1	Kg/M
183	5'-ODMT-2'-OMe Thymidine-3'-OCEPA (Amidite)	3.167	-2.167	1	Kg/M
184	5'-ODMT-2'-OMe Uridine (PNS)	3.167	71.833	75	Kg/M
185	5'-ODMT-2'-OMe Uridine-3'-OCEPA (Amidite)	3.167	21.833	25	Kg/M
186	2'-OMe-2,6-Diaminopurine Riboside or 2'-OMe DAPR	0.139	0.061	0.2	Kg/M
187	3'-ODMT-2'-OMe N-Benzoyl Adenosine (Reverse PNS)	0.139	-0.039	0.1	Kg/M
188	3'-ODMT-2'-OMe N-Benzoyl Adenosine-5'-OCEPA (Reverse Amidite)	0.139	-0.039	0.1	Kg/M
189	3'-ODMT-2'-OMe N-isobutryl Guanosine (Reverse PNS)	0.139	-0.039	0.1	Kg/M
190	3'-ODMT-2'-OMe N-isobutryl Guanosine-5'-OCEPA (Reverse Amidite)	0.139	-0.039	0.1	Kg/M
191	3'-ODMT-2'-OMe N-Benzoyl Cytidine (Reverse PNS)	0.139	-0.039	0.1	Kg/M
192	3'-ODMT-2'-OMe N-Benzoyl Cytidine-5'-OCEPA (Reverse Amidite)	0.139	-0.039	0.1	Kg/M
193	3'-ODMT-2'-OMe N-Acetyl Cytidine (Reverse PNS)	0.139	-0.039	0.1	Kg/M
194	3'-ODMT-2'-OMe N-Acetyl Cytidine-5'-OCEPA (Reverse Amidite)	0.139	-0.039	0.1	Kg/M
195	3'-ODMT-2'-OMe Thymidine (Reverse PNS)	0.139	-0.039	0.1	Kg/M
196	3'-ODMT-2'-OMe Thymidine-5'-OCEPA (Reverse Amidite)	0.139	-0.039	0.1	Kg/M
197	3'-ODMT-2'-OMe Uridine (Reverse PNS)	0.139	-0.039	0.1	Kg/M
198	3'-ODMT-2'-OMe Uridine-5'-OCEPA (Reverse Amidite)	0.139	-0.039	0.1	Kg/M
199	ALLOFURANOSE SUGAR	10	0	10	Kg/M
200	TINUVIN -400	63500	-62792.1	707.9	Kg/M
201	P-Anisyl Propanal	500	0	500	Kg/M
202	ANETHOL	25000	-10000	15000	Kg/M



Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
203	5'-ODMT-DEOXYNUCLEOSIDES, PHOSPHORAMIDITES AND SUCCINATE SALTS	10	0.15	10.15	Kg/M
204	N-Benzoyl deoxy Adenosine (Diol)	0.27	-0.22	0.05	Kg/M
205	5'-ODMT N-Benzoyl deoxy Adenosine (PNS)	10	0	10	Kg/M
206	5'-ODMT N-Benzoyl deoxy Adenosine-3'-OCEPA (Amidite)	10	0	10	Kg/M
207	5'-ODMT N-Benzoyl deoxy Adenosine-3'-O-Succinate TEA Salt	0.27	-0.22	0.05	Kg/M
208	N-isobutryl deoxy Guanosine (Diol)	0.27	-0.22	0.05	Kg/M
209	5'-ODMT N-isobutryl deoxy Guanosine (PNS)	10	0	10	Kg/M
210	5'-ODMT N-isobutryl deoxy Guanosine-3'-OCEPA (Amidite)	10	0	10	Kg/M
211	5'-ODMT N-isobutryl deoxy Guanosine-3'-O-Succinate TEA Salt	0.27	-0.22	0.05	Kg/M
212	N-dmf deoxy Guanosine (Diol)	0.27	-0.22	0.05	Kg/M
213	5'-ODMT N-dmf deoxy Guanosine (PNS)	10	-7	3	Kg/M
214	5'-ODMT N-dmf deoxy Guanosine-3'-OCEPA (Amidite)	10	-7	3	Kg/M
215	5'-ODMT N-dmf deoxy Guanosine-3'-O-Succinate TEA Salt	0.27	-0.22	0.05	Kg/M
216	N-Benzoyl deoxy Cytidine (Diol)	0.27	-0.22	0.05	Kg/M
217	5'-ODMT N-Benzoyl deoxy Cytidine (PNS)	10	0	10	Kg/M
218	5'-ODMT N-Benzoyl deoxy Cytidine-3'-OCEPA (Amidite)	10	0	10	Kg/M
219	5'-ODMT N-Benzoyl deoxy Cytidine-3'-O-Succinate TEA Salt	0.27	-0.22	0.05	Kg/M
220	N-Acetyl deoxy Cytidine (Diol)	0.27	-0.22	0.05	Kg/M
221	5'-ODMT N-Acetyl deoxy Cytidine (PNS)	10	0	10	Kg/M
222	5'-ODMT N-Acetyl deoxy Cytidine-3'-OCEPA (Amidite)	10	0	10	Kg/M
223	N-Benzoyl 5-Methyl deoxy Cytidine (Diol)	0.27	-0.22	0.05	Kg/M
224	5'-ODMTN-Benzoyl 5-Methyl deoxy Cytidine (PNS)	10	-7	3	Kg/M
225	5'-ODMT N-Benzoyl 5-Methyl deoxy Cytidine-3'-OCEPA (Amidite)	10	-7	3	Kg/M
226	5'-ODMT N-Benzoyl 5-Methyl deoxy Cytidine-3'-O-Succinate TEA Salt	0.27	-0.22	0.05	Kg/M
227	N-Acetyl 5-Methyl deoxy Cytidine (Diol)	0.27	-0.22	0.05	Kg/M
228	5'-ODMT N-Acetyl 5-Methyl deoxy Cytidine (PNS)	10	-7	3	Kg/M
229	5'-ODMT N-Acetyl-5-Methyl deoxy Cytidine-3'-OCEPA (Amidite)	10	-7	3	Kg/M
230	5'-ODMT N-Acetyl-5-Methyl deoxy Cytidine-3'-O-Succinate TEA Salt	0.27	-0.22	0.05	Kg/M

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
231	5'-ODMT deoxy Uridine (PNS)	10	0	10	Kg/M
232	5'-ODMT deoxy Uridine-3'-OCEPA (Amidite)	10	0	10	Kg/M
233	5'-ODMT deoxy Uridine-3'-O-Succinate TEA Salt	0.27	-0.22	0.05	Kg/M
234	5'-ODMT deoxy Thymidine (PNS)	10	0	10	Kg/M
235	5'-ODMT deoxy Thymidine-3'-OCEPA (Amidite)	10	0	10	Kg/M
236	5'-ODMT deoxy Thymidine-3'-O-Succinate TEA Salt	0.27	-0.22	0.05	Kg/M
237	deoxy Cytidine Monophosphate	0.27	-0.22	0.05	Kg/M
238	3'-ODMT N-Benzoyl deoxy Adenosine (Reverse PNS)	0.27	-0.22	0.05	Kg/M
239	3'-ODMT N-Benzoyl deoxy Adenosine-5'-OCEPA (Reverse Amidite)	0.27	-0.22	0.05	Kg/M
240	3'-ODMT N-isobutryl deoxy Guanosine (Reverse PNS)	0.27	-0.22	0.05	Kg/M
241	3'-ODMT N-isobutryl deoxy Guanosine-5'-OCEPA (Reverse Amidite)	0.27	-0.22	0.05	Kg/M
242	3'-ODMT N-Benzoyl deoxy Cytidine (Reverse PNS)	0.27	-0.22	0.05	Kg/M
243	3'-ODMT N-Benzoyl deoxy Cytidine-5'-OCEPA (Reverse Amidite)	0.27	-0.22	0.05	Kg/M
244	3'-ODMTN-Benzoyl 5-Methyl deoxy Cytidine (Reverse PNS)	0.27	-0.22	0.05	Kg/M
245	3'-ODMT N-Benzoyl 5-Methyl deoxy Cytidine-5'-OCEPA (Reverse Amidite)	0.27	-0.22	0.05	Kg/M
246	3'-ODMT N-Acetyl 5-Methyl deoxy Cytidine (Reverse PNS)	0.27	-0.22	0.05	Kg/M
247	3'-ODMT N-Acetyl-5-Methyl deoxy Cytidine-5'-OCEPA (Reverse Amidite)	0.27	-0.22	0.05	Kg/M
248	3'-ODMT deoxy Uridine (Reverse PNS)	0.27	-0.22	0.05	Kg/M
249	3'-ODMT deoxy Uridine-5'-OCEPA (Reverse Amidite)	0.27	-0.22	0.05	Kg/M
250	3'-ODMT deoxy Thymidine (Reverse PNS)	0.27	-0.22	0.05	Kg/M
251	3'-ODMT deoxy Thymidine-5'-OCEPA (Reverse Amidite)	0.27	-0.22	0.05	Kg/M
252	5'-ODMT N-Acetyl deoxy Cytidine (PNS) (Pharma Grade)	0.27	-0.22	0.05	Kg/M
253	5'-ODMT N-isobutryl deoxy Guanosine (PNS) (Pharma Grade)	0.27	-0.22	0.05	Kg/M
254	5'-ODMT deoxy Thymidine (PNS) (Pharma Grade)	0.27	-0.22	0.05	Kg/M
255	3'-O-Phthalimido-thymidine (dT)	0.27	-0.22	0.05	Kg/M

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
256	3'-O-Phthalimido-2'-Deoxy Cytidine	0.27	-0.22	0.05	Kg/M
257	3'-O-Phthalimido-2'-Deoxy Adenosine	0.27	-0.22	0.05	Kg/M
258	3'-O-Phthalimido-2'-Deoxy Guanosine	0.27	-0.22	0.05	Kg/M
259	DMT-LNA-NUCLEOSIDES & PHOSPHORAMIDITES	7.308	0	7.308	Kg/M
260	LNA N-Benzoyl Adenosine (Diol)	0.25	0	0.25	Kg/M
261	5'-ODMT LNA N-Benzoyl Adenosine (PNS)	7.308	0	7.308	Kg/M
262	5'-ODMT LNA N-Benzoyl Adenosine-3'-O-CEPA (Amidite)	7.308	0	7.308	Kg/M
263	5'-ODMT LNA N-Benzoyl Adenosine-3'-O-Succinate TEA salt	0.25	0	0.25	Kg/M
264	LNA N-DMF Guanosine (Diol)	0.25	0	0.25	Kg/M
265	5'-ODMT LNA N-DMF Guanosine (PNS)	7.308	0	7.308	Kg/M
266	5'-ODMT LNA N-DMF Guanosine-3'-O-CEPA (Amidite)	7.308	0	7.308	Kg/M
267	5'-ODMT LNA N-DMF Guanosine-3'-O-Succinate TEA salt	0.25	0	0.25	Kg/M
268	LNA N-Benzoyl 5-Methyl Cytidine (Diol)	0.25	0	0.25	Kg/M
269	5'-ODMT LNA N-Benzoyl 5-Methyl Cytidine (PNS)	7.308	0	7.308	Kg/M
270	5'-ODMT LNA N-Benzoyl 5-Methyl Cytidine-3'-O-CEPA (Amidite)	7.308	0	7.308	Kg/M
271	5'-ODMT LNA N-Benzoyl 5-Methyl Cytidine-3'-O-Succinate TEA salt	0.25	0	0.25	Kg/M
272	LNA Thymidine (Diol)	0.25	0	0.25	Kg/M
273	5'-ODMT LNA Thymidine (PNS)	7.308	0	7.308	Kg/M
274	5'-ODMT LNA Thymidine-3'-O-CEPA (Amidite)	7.308	0	7.308	Kg/M
275	5'-ODMT LNA Thymidine-3'-O-Succinate TEA salt	0.25	0	0.25	Kg/M
276	LNA Uridine (Diol)	0.25	0	0.25	Kg/M
277	5'-ODMT LNA Uridine (PNS)	7.308	0	7.308	Kg/M
278	5'-ODMT LNA Uridine-3'-O-CEPA (Amidite)	7.308	0	7.308	Kg/M
279	5'-ODMT LNA Uridine-3'-O-Succinate TEA salt	0.25	0	0.25	Kg/M
280	LNA N-Benzoyl Cytidine (Diol)	0.25	0	0.25	Kg/M
281	5'-ODMT LNA N-Benzoyl Cytidine (PNS)	7.308	0	7.308	Kg/M
282	5'-ODMT LNA N-Benzoyl Cytidine-3'-O-CEPA (Amidite)	7.308	0	7.308	Kg/M
283	5'-ODMT LNA N-Benzoyl Cytidine-3'-O-Succinate TEA salt	0.25	0	0.25	Kg/M
284	3'-ODMT LNA N-Benzoyl Adenosine (Reverse PNS)	0.25	0	0.25	Kg/M

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
285	3'-ODMT LNA N-Benzoyl Adenosine-5'-O-CEPA (Reverse Amidite)	0.25	0	0.25	Kg/M
286	3'-ODMT LNA N-DMF Guanosine (Reverse PNS)	0.25	0	0.25	Kg/M
287	3'-ODMT LNA N-DMF Guanosine-5'-O-CEPA (Reverse Amidite)	0.25	0	0.25	Kg/M
288	3'-ODMT LNA N-Benzoyl 5-Methyl Cytidine (Reverse PNS)	0.25	0	0.25	Kg/M
289	3'-ODMT LNA N-Benzoyl 5-Methyl Cytidine-5'-O-CEPA (Reverse Amidite)	0.25	0	0.25	Kg/M
290	3'-ODMT LNA Thymidine (Reverse PNS)	0.25	0	0.25	Kg/M
291	3'-ODMT LNA Thymidine-5'-O-CEPA (Reverse Amidite)	0.25	0	0.25	Kg/M
292	GALNAC ACYCLIC SUCCINATE	0.467	0.033	0.5	Kg/M
293	TriGalNAc CBz	0.467	0.033	0.5	Kg/M
294	GalNAc Hydroxy Proline Succinate	0.467	0.033	0.5	Kg/M
295	THA(PA-DAP)3-CBz	0.467	0.033	0.5	Kg/M
296	(GalNAc-2'-O-PA-DAP)3 THA. TFA Salt)	0.467	0.033	0.5	Kg/M
297	5-ODMT-3-OTBS-N-Oxododecanoic Acid.TEA Salt	0.467	0.033	0.5	Kg/M
298	NOOTKATONE	466.7	33.3	500	Kg/M
299	4-AMINOBENZONITRILE	166	34	200	Kg/M
300	Diethyl L-(+) tartrate	46	4	50	Kg/M
301	DL -LACTIDE	8.3	1.7	10	Kg/M
302	DIETHYLAMINO MALONATE HCl	250	-150	100	Kg/M
303	ACRYLAMIDE PURIFIED	800	9200	10000	Kg/M
304	ETHYLENEDIAMINETETRAACETIC ACID METAL CHELATE SALTS	0.5	0	0.5	Kg/M
305	SODIUM SELENITE PENTAHYDRATE	0.5	0	0.5	Kg/M
306	2,4Dihydroxy Benzophenone	1	0	1	Kg/M
307	Peonile	1	0	1	Kg/M
308	R&D Products (Intermediate chemicals)	400	5852	6252	Kg/M
309	TC U Amidite	63.34	-53.34	10	Kg/M
310	2-Isopentyl-2-Isopropyl-1,3-Dimethoxy propane (R5)	63.34	936.66	1000	Kg/M
311	4-Butyl Resorcinol	63.34	86.66	150	Kg/M
312	3G Metallocene	63.34	936.66	1000	Kg/M
313	4-Hydroxy Cinnamic acid	3.33	0	3.33	Kg/M
314	6-Amino Hexanol	63.34	-13.34	50	Kg/M
315	1,2-Bis(3-indenyl)ethane (EBI)	3.33	0	3.33	Kg/M
316	3-Methyl cyclopent-2-en-1-one (3MCO)	3.33	0	3.33	Kg/M

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
317	4-Methoxy Trityl Chloride	3.33	0.04	3.37	Kg/M
318	2-Cyanoethyl-N,N,N',N'-tetraisopropylphosphorodiamidite (Phos Reagent)	3.33	1946.67	1950	Kg/M
319	Sec Butyl Cyclopentadiene Lithium	3.33	0	3.33	Kg/M
320	4,5-Dichloro phthalic acid	0.3	0	0.3	Kg/M
321	4-Tert-butylphenoxyAceticAcid	850	-350	500	Kg/M
322	6-Bromo-Iso-indolin-1-one	8.3	1.7	10	Kg/M
323	Trans aconiticAcid	8.3	1.7	10	Kg/M
324	2,2 BIS [-(2INDENYL)BIPHENYL]ZICRONIUM(IV) CHLORIDE ON SILICA SUPPORT	2400	7600	10000	Kg/M
325	N,N-Dimethylbenzamide (DMBA)	1000	-800	200	Kg/M
326	4-(methylamino)pentan-2-ol dibenzoate (AB)	1000	200	1200	Kg/M
327	9,9-bis(methoxymethyl)fluorene (FLU)	1000	-500	500	Kg/M
328	2-AminoBenzonitrile	380	20	400	Kg/M
329	GAFL-158	250	0	250	Kg/M
330	3,5-Bis(2-Cyanoprop-2-yl)benzyl bromide Anastrozole intermediate	0.3	0.2	0.5	Kg/M
331	3,5-Bis(2-Cyanoprop-2-yl)Toluene Anastrozole intermediate	0.3	0.2	0.5	Kg/M
332	2,2'-Azobis(2-methylpropionamidine)dihydrochloride	5	0	5	Kg/M
333	CMPT	40	0	40	Kg/M
334	CMIMT	10	0	10	Kg/M
335	MTSCNE	10	0	10	Kg/M
336	ONT-7-D & ONT-7-L	10	0	10	Kg/M
337	UNA Phosphoramidites & Derivatives	0.385	0.115	0.5	Kg/M
338	UNA-U-Amidite	0.385	0.115	0.5	Kg/M
339	5'ODMT-2',3' Seco- 2'OBz-Uridine	0.385	0.115	0.5	Kg/M
340	UNA-C-Amidite	0.385	0.115	0.5	Kg/M
341	5'ODMT-N-Ac -2',3' Seco -2'OBz -Cytidine	0.385	0.115	0.5	Kg/M
342	UNA-ABz-Amidite	0.385	0.115	0.5	Kg/M
343	5'ODMT- N-Bz -2',3' Seco-2'OBz- -Adenosine	0.385	0.115	0.5	Kg/M
344	UNA-Gibu Amidite	0.385	0.115	0.5	Kg/M
345	5'ODMT- N-iBu -2',3' Seco-2'OBz- Guanosine	0.385	0.115	0.5	Kg/M
346	UNA Seco cytidine	0.385	0.115	0.5	Kg/M
347	UNA Seco Adenosine	0.385	0.115	0.5	Kg/M
348	UNA Seco Guanosine	0.385	0.115	0.5	Kg/M
349	UNA-U-Monophosphate	0.385	0.115	0.5	Kg/M
350	Morpholino Phosphoramidites & Derivatives	1	0	1	Kg/M
351	Morpholino - A Subunit OR (N-trityl morpholino-N-Bz Adenine dimethylamido phosphoramidic chloride)	1	0	1	Kg/M
352	Morpholino - G Subunit OR (N-trityl morpholino-N-iBu Guanine dimethylamido phosphoramidic chloride)	1	0	1	Kg/M
353	Morpholino - U Subunit OR (N-trityl morpholino-Uracil dimethylamido phosphoramidic chloride)	1	0	1	Kg/M

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
354	Morpholino – C Subunit OR (N-trityl morpholino-N-Bz Cytosine dimethylamido phosphoramidic chloride)	1	0	1	Kg/M
355	Chiral Phosphoramidites & Derivatives	1	0	1	Kg/M
356	5'-ODMT-2' OMe NiBu-Guanosine O6 CE	5	0	5	Kg/M
357	Bis TAc dG	10	0	10	Kg/M
358	5'-ODMT-NiBu-deoxycytidine	5	0	5	Kg/M
359	5'-Biotin Phosphoramidite	0.2	0	0.2	Kg/M
360	5-Iodo dC	0.8	0.2	1	Kg/M
361	2'-Fluoro-GiBu-3'-CEPA OR (5'-ODMT-2'-Fluoro-GiBu-3'-CEPA (Amidite))	0.42	24.58	25	Kg/M
362	5'-ODMT-2'-Fluoro-GiBu (PNS)	0.42	99.58	100	Kg/M
363	5'-ODMT-N6-Bz-2'-Fluoro Adenosine-3'-OCEPA (Amidite)	0.42	24.58	25	Kg/M
364	5'-ODMT-N6-Bz-2'-Fluoro Adenosine (PNS)	0.4	99.6	100	Kg/M
365	5'ODMT-NiBu-dG (O6 CE)	5	0	5	Kg/M
366	Ethyl -2,2 -difuropropionate	41.6	0	41.6	Kg/M
367	Jalshakti	1	0	1	Kg/M
368	(1-Hydroxy-3-methylbutylidene)-5,5-dimethyl-1,3-cyclohexanedione (ivDde-OH)	70	0	70	Kg/M
369	Propargyl methacrylate	1	9999	10000	Kg/M
370	NPNPN / CRD6 ligand	4	7996	8000	Kg/M
371	2-Isopropyl-1H-Indene	1	9	10	Kg/M
372	Diboronic Acid	1	0	1	Kg/M
373	Uracil	41	0	41	Kg/M
374	Phosphorous Oxychloride (Rec)	1	0	1	Kg/M
375	(R)-1-[(4-Chlorophenyl)phenylmethyl]pipe	1	0	1	Kg/M
376	Lutencryl 250	2700	7300	10000	Kg/M
377	5-Methyl-1,3-Benzenediacetonitrile	1	0	1	Kg/M
378	N-PAC deoxy Adenosine (PAC dA)	11	14	25	Kg/M
379	Phenyl-(2-pyridyl) acetamide (PPA)	793.333	6.667	800	Kg/M
380	4-Chloro-4'-hydroxybenzophenone or CHBP or 4-CHBP	7208.6	-6708.6	500	Kg/M
381	Dimethyl-2,2-Diisobutylmalonate	1	0	1	Kg/M
382	GalNAc-2-O-pentanoic Acid OR GalNAc Acetoxy Pentanoic acid	5.5	19.5	25	Kg/M
383	GalNAc Benzyloxy Pentanoic acid	5.5	19.5	25	Kg/M
384	Santalol Crude	1667	333	2000	Kg/M
385	Non-hazardous synthetic compounds for research analysis and data OR (Bis Benzyl Ribo Sugar)	30	0	30	Kg/M
386	L-RA AMIDITE OR 2'-TBDMS 5'-DMT protected L-rA(Bn) amidite	2	8	10	Kg/M



Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
387	Para chloro Meta Xylenol (PCMX)	150	0	150	Kg/M
388	4-(2-Chloroethyl) Morpholine Hydrochloride (CEM HCl)	1700	0	1700	Kg/M
389	Biocide 950	760	0	760	Kg/M
390	2-Methyl-4-isothiazolin-3-one (MIT)	40	0	40	Kg/M
391	Biocide 300	760	0	760	Kg/M
392	5-Chloro-2-Methyl-4-isothiazolin-3-one : 2-Methyl-4-isothiazolin-3-one (CMIT/MIT) (3:1)	40	0	40	Kg/M
393	1-[2-Amino-1-(4-methoxy-phenyl)-ethyl]-cyclohexanol (Venlafaxine Step 2 Free Base)	200	0	200	Kg/M
394	[RS]-1-[2-Dimethylamino-1-(4-methoxyphenyl)-ethyl]cyclohexanol (Venlafaxine Base)	1000	-500	500	Kg/M
395	1-[2-Amino-1-(4-methoxy-phenyl)-ethyl]-cyclohexanol-hcl (Venlafaxine Stage 2 HCl)	100	0	100	Kg/M
396	N-Ethyl Caprolactam	200	0	200	Kg/M
397	Methyl-alpha-D-mannopyranoside (MMP)	0	3500	3500	Kg/M
398	4-Chloro-6-ethyl-5-fluoropyrimidine	0	100	100	Kg/M
399	2-Amino-5,7-Dimethoxy-1,2,4-triazolo [1,5-a] Pyrimidine (ADTP)	0	0.0001	0.0001	Kg/M
400	5-Fluoro-4-Hydrazino-2-Methoxy Pyrimidine (FHMP)	0	0.0001	0.0001	Kg/M
401	Trans-2-Fluoro-3-(trifluoromethyl)oxirane (TFTO)	0	25	25	Kg/M
402	Cis-2-Fluoro-3-(trifluoromethyl)oxirane(CFTO)	0	25	25	Kg/M
403	Cis-2,3-bis(trifluoromethyl)oxirane (CBTO)	0	25	25	Kg/M
404	Trans-2,3-bis(trifluoromethyl)oxirane (TBTO)	0	25	25	Kg/M
405	3,3,3-trifluoro-1-(2,2,2-trifluoroethoxy)-1-Propene	0	1000	1000	Kg/M
406	Tris(2-carboxyethyl)phosphine hydrochloride (TCEP.HCl)	0	600	600	Kg/M
407	2,4-Dimethyl-6-(1-Methylpentadecyl)Phenol	0	500	500	Kg/M
408	Abasic Amidite	0	5	5	Kg/M
409	L-RNA N-Ac C amidite	0	10	10	Kg/M
410	L-RNA N-Ac iBu G amidite	0	10	10	Kg/M
411	L-RNA U amidite	0	10	10	Kg/M
412	L-RNA N-Ac C succinate	0	5	5	Kg/M
413	Santalol Distilled	0	2000	2000	Kg/M
414	Chlorodimethyl(2,3,4,5-tetramethylcyclopenta-2,4-dienyl)silane	0	10000	10000	Kg/M
415	5'-3'-TIPS-N-Bz-rA	0	10	10	Kg/M
416	5'-3'-TIPS-N-iBu-rG	0	10	10	Kg/M
417	2'-Fluoro Uridine	0	5	5	Kg/M
418	2'-OMe Adenosine	0	12.5	12.5	Kg/M
419	2'-OMe Uridine	0	5	5	Kg/M
420	2'-MOE Adenosine	0	12.5	12.5	Kg/M
421	Custom Development & Scaleup	0	11000	11000	Kg/M

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
422	Trading of Chemical- 2 Chloroethanol	416.67	0	416.67	Kg/M
	Trading of Chemical- Methane Sulfonic Acid 70%	1666.67		1666.67	Kg/M
	Trading of Chemical- Methane Sulfonic Acid 99%	5000		5000	Kg/M
	Trading of Chemical- Acetaldehyd Oxime	833.32		833.32	Kg/M
	Trading of Chemical- Tetra Hydrofuron	1666.67		1666.67	Kg/M
	Trading of Chemical- Acetonitrile	1666.67		1666.67	Kg/M
	Trading of Chemical- Pyridine	1666.67		1666.67	Kg/M
	Trading of Chemical- Boron Trichlorode in MDC (1M Solution)	83.33		83.33	Kg/M
	Trading of Chemical- Phenyl Magnesium Chloride Solution	250		250	Kg/M
	Trading of Chemical- Trimethylsilyl trifluoromethane Sulfonate	833.32		833.32	Kg/M
	Trading of Chemical- Isopropyl Magnesium Chloride Lithium Chloride	250		250	Kg/M
	Trading of Chemical- Triflic Anhydride	833.32		833.32	Kg/M
	Trading of Chemical- 2-Chloro N,N-Diisopropylethylamine hydrochloride	166.67		166.67	Kg/M
	Trading of Chemical- Tris Buffer	166.67		166.67	Kg/M
	Trading of Other Chemicals	26166.67		26166.67	Kg/M
By Products					
423	Aqueous Aluminum Chloride	1113.3	-83.5	1029.8	MT/M

[Overall total Quantity of products & its intermediates shall not exceed 1,90,666.69 Kg/M and total quantity of Trading Chemicals shall not exceed 41,666.7 Kg/M]

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	225.9	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	33.0	As per Schedule-I	On land for gardening

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Boilers ( 2 Nos. x 10 TPH - 1 Standby) & Thermopack (2 Lakh Kcal/Hr)	1	As per Schedule -II
2	S-2 to S-5	D G Sets ( 500 KVA, 2 x 1000 KVA & 1010 KVA)	1	As per Schedule -II



<b>Sr No.</b>	<b>Stack No.</b>	<b>Description of stack / source</b>	<b>Number of Stack</b>	<b>Standards to be achieved</b>
3	S-6	Process Vent (MPP Plant)	1	As per Schedule -II
4	S-7	Process Vent (MPP Plant)	1	As per Schedule -II
5	S-8	Process Vent (PP-1 Plant)	1	As per Schedule -II
6	S-9	Process Vent (PP-2 Plant)	1	As per Schedule -II
7	S-10	Process Vent (PP-3/4/5 Plant)	1	As per Schedule -II
8	S-11	Process Vent (PP-3/4/5 Plant)	1	As per Schedule -II
9	S-12	Process Vent (PP-3/4/5 Plant)	1	As per Schedule -II
10	S-13	Process Vent (PP-6 Plant)	1	As per Schedule -II
11	S-14	Process Vent (ETP)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

<b>Sr No</b>	<b>Type of Waste</b>	<b>Quantity</b>	<b>UoM</b>	<b>Treatment</b>	<b>Disposal</b>
1	Ash From Briquette Fired Boiler	9000	Kg/Day	Sale	Sale to Brick Manufacturer
2	Decontaminated Empty Drums	1065	No/D	Sale	Sale to authorized party

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

<b>Sr No</b>	<b>Category No./ Type</b>	<b>Quantity</b>	<b>UoM</b>	<b>Treatment</b>	<b>Disposal</b>
1	5.1 Used or spent oil	2	MT/A	Recycle*	Sale to authorised party / CHWTSDF
2	20.3 Distillation residues	895.8	MT/A	Incineration	CHWTSDF
3	37.3 Concentration or evaporation residue (MEE Solids)	531.04	MT/A	Landfill after treatment	CHWTSDF
4	35.3 Chemical sludge from waste water treatment	297.51	MT/A	Landfill after treatment	CHWTSDF
5	34.1 Chemical-containing residue arising from decontamination.	2.5	MT/A	Incineration	CHWTSDF
6	28.4 Off specification products	4	MT/A	Incineration	CHWTSDF
7	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	70	MT/A	Recycle*	Sale to authorised party / CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
8	28.1- By Product hydrochloric Acid 30%	102.4	MT/M	Recycle*	Sale to authorised party / CHWTSDf
9	28.1- By-product Sulphuric Acid 66%	119.3	MT/M	Recycle*	Sale to authorised party / CHWTSDf
10	28.1 - By-product Mix Solvents	362.5	MT/M	Recycle*	Sale to authorised party / CHWTSDf

**\* Industry shall ensure disposal of Hazardous Waste to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016.**

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
11. The applicant shall not carry out any excess production or produce new products without Consent of the Board and without Environmental Clearance wherever it applicable.
12. The applicant shall properly collect, transport & regularly dispose-off the Hazardous Waste to CHWTSDf, in compliance of the Hazardous and other Waste (M & TH) Rule-2016 through online manifest system.
13. Industry shall comply the Boards Circular dtd. 05.02.2020 for use of cleaner fuel.
14. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. No. F. No. J-11011/20/2017-IA-II (I), Date. 12.04.2018 and ensure display/ upload of six-monthly compliance monitoring report on their official website.
15. The industry shall ensure connectivity of continuous online monitoring system to the Board server & data to be transmitted directly from Data Logger to the Board server. The industry shall install separate energy meters to the pollution control systems.
16. This consent is issued with overriding effect on earlier Consent to 1st Operate (part-II) for expansion & amalgamation granted by the Board vide Consent No. Format 1.0/UAN No. MPCB-BY\_PRODUCT-0000000013/CO-2112000001, Dated. 22.12.2021, which is issued with overriding effect on Consent to 1st Operate (part-II) for expansion & amalgamation granted by the Board vide Consent No. Format 1.0/UAN No. 00010447/CO-106000958, Date. 21.06.2021 and Amendment in Consent to Operate granted by the Board vide No. MPCB/UAN No. 0000104447/CAC-Cell/Amend - 210920-FTS-0094, Date. -20.09.2021.
17. This consent is issued pursuant to the Minutes of the 4th Technical Committee meeting under change in product-mix held on 19.02.2022 & 22.02.2022. This Consent is issued based on self-assessment of Pollution Load submitted by you in Board's prescribed format and Certificate of "No Increase in pollution load" issued by Goldfinch Engineering Systems Pvt. Ltd., vide letter dtd. 20.08.2021. If any violation and / or submission of misleading information are noticed, then the consent issued under MoEF & CC Product Mix Circular dtd. 14.12.2006 will stand automatically cancelled and you have to follow the procedure of EIA Notification, 2006 and Amendments thereof for obtaining Environmental Clearance.

18. This consent is issued pursuant to the decision of the 13th Consent Committee Meeting held on 01.08.2022.
19. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)

**Received Consent fee of -**

<b>Sr.No</b>	<b>Amount(Rs.)</b>	<b>Transaction/DR.No.</b>	<b>Date</b>	<b>Transaction Type</b>
1	217337.00	MPCB-DR-8208	04/10/2021	NEFT
2	3000.00	TXN2208002323	22/08/2022	Online Payment
3	1500.00	TXN2208002318	22/08/2022	Online Payment

**Copy to:**

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Raigad I  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



## SCHEDULE-I

### **Terms & conditions for compliance of Water Pollution Control:**

1. A] As per your application, you have segregated trade effluent into weak stream & strong stream and provided Effluent Treatment Plant (ETP) comprising of:
    - i) **Strong COD/TDS stream of 42.9 CMD** - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank) ., Multi effect evaporator (3 stage) with design capacity of 58 CMD followed by ATFD. The MEE condensate is treated in weak stream ETP.
    - ii) **Weak COD/TDS stream of 183 CMD** - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Advance treatment (Reverse osmosis, RO Capacity -260 CMD and RO permeate shall be recycled and RO reject shall be send to MEE to achieve Zero Liquid Discharge. ) with design capacity of 740 CMD.
  - B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
  - C] The treated effluent shall be recycled /reused 100% in the process/ utilities to achieve Zero Liquid Discharge. In no case, at any time effluent shall find its way to any water body directly or indirectly.
  - D] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 41 CMD for the treatment of 33.0 CMD of sewage.
  - B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	Suspended Solids	Not to exceed	100
2	BOD 3 days 27°C	Not to exceed	30

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	306.00
2.	Domestic purpose	37.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	231.10
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	70.0

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.



## SCHEDULE-II

### Terms & conditions for compliance of Air Pollution Control:

- As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Boilers (2 x 10 TPH -1 Standby)	Multi Cyclone Separator, Bag Filters followed by Common Stack	30.00	Briquettes 30 MT/Day	0.04	TPM	150 Mg/Nm <sup>3</sup>
						SO <sub>2</sub>	120 Kg/Day
	Thermopack ( 2 Lakh Kcal./Hr)	Fabric Bag Filter Multi Cyclone Stack		HSD 25 Kg/Hr	1	TPM	150 Mg/Nm <sup>3</sup>
						SO <sub>2</sub>	12 Kg/Day
S-2	D G Set (1000 KVA)	Acoustic Enclosure Stack	30.00	HSD 185 Kg/Hr	1	SO <sub>2</sub>	29.6 Kg/Day
S-3	D G Set (1000 KVA)	Acoustic Enclosure Stack	30.00	HSD 185 Kg/Hr	1	SO <sub>2</sub>	29.6 Kg/Day
S-4	D G Set (1010 KVA)	Acoustic Enclosure Stack	30.00	HSD 185 Kg/Hr	1	SO <sub>2</sub>	29.6 Kg/Day
S-5	D G Set (500 KVA)	Acoustic Enclosure Stack	6.30	HSD 95 Kg/Hr	1	SO <sub>2</sub>	15.2 Kg/Day
S-6	Process (MPP)	Scrubber with Caustic Solution	7.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
						HCl	30 Mg/Nm <sup>3</sup>
						SO <sub>2</sub> (process)	50 PPM
						HBr	3 Mg/Nm <sup>3</sup>
S-7	Process (MPP)	Scrubber with Caustic Solution	7.00	-	-	HCl	30 Mg/Nm <sup>3</sup>
						SO <sub>2</sub> (process)	50 PPM
						HBr	3 PPM
						Acid Mist	35 Mg/Nm <sup>3</sup>
S-8	Process (PP-1)	Scrubber with Caustic Solution	10.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
						HCl	30 Mg/Nm <sup>3</sup>
						SO <sub>2</sub> (process)	50 PPM
						HBr	3 PPM

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-9	Process (PP-2)	Scrubber with Caustic Solution	7.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
						HCl	30 Mg/Nm <sup>3</sup>
						SO <sub>2</sub> (process)	50 PPM
						HBr	3 PPM
S-10	Process (PP-3/4/5)	Scrubber with Caustic Solution	13.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
						HCl	30 Mg/Nm <sup>3</sup>
						SO <sub>2</sub> (process)	50 PPM
						HBr	3 PPM
S-11	Process (PP-3/4/5)	Scrubber with Caustic Solution	13.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
						HCl	30 Mg/Nm <sup>3</sup>
						SO <sub>2</sub> (process)	50 PPM
						HBr	3 PPM
S-12	Process (PP-3/4/5)	Scrubber with Caustic Solution	13.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
						HCL	30 Mg/Nm <sup>3</sup>
						SO <sub>2</sub> (process)	50 PPM
						HBr	3 PPM
S-13	Process (PP-6)	Scrubber with Caustic Solution	7.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>
						HCL	30 Mg/Nm <sup>3</sup>
						SO <sub>2</sub> (process)	50 PPM
						HBr	3 PPM
S-14	Vent of ETP	Scrubber with Caustic Solution	13.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>

(D.G Set stack height shall be above roof of building)

- The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
- The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.

4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. Solvent Management shall be carried out as follows:
  1. Reactors shall be connected to Water / Chilled Water /Brine Condenser system.
  2. Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.
  3. Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.
  4. Solvents shall be stored in a separate space specified with all safety measures.
  5. Proper earthing shall be provided in all the equipment's, wherever solvent handling is done.
  6. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
  7. All the solvent storage tanks shall be connected with vent condensers with Water / chilled water / Brine circulation. Reflux condensers shall be provided over reactors.
  8. Fugitive emissions shall be controlled at 99.95% with effective chillers.
  9. Use of automatic filling to minimize spillage, solvent transfer shall be through pump.
  10. Metering and control of quantities of active ingredients to minimize wastes.
  11. Use of close feed system into batch reactors, venting equipment through vapour recovery system.





**SCHEDULE-III****Details of Bank Guarantees:**

<b>Sr. No</b>	<b>Consent (C2E/C2O/C2R)</b>	<b>Amt of BG Imposed</b>	<b>Submission Period</b>	<b>Purpose of BG</b>	<b>Compliance Period</b>	<b>Validity Date</b>
1	C2O (Expansion & Amalgamation)	Rs.5.0 Lakh	Existing	Towards Operation and maintenance of Pollution Control System & Compliance of Consent Conditions	31.08.2023	31.12.2023
2	C2O (Expansion & Amalgamation)	Rs.2.0 Lakh	Existing	Twoards not to increase consented production quantity	31.08.2023	31.12.2023

**\*\*Existing BG obtained for above purpose if any, may be extended for period of validity as above.**

**BG Forfeiture History**

<b>Srno.</b>	<b>Consent (C2E/C2O/C2R)</b>	<b>Amount of BG imposed</b>	<b>Submission Period</b>	<b>Purpose of BG</b>	<b>Amount of BG Forfeiture</b>	<b>Reason of BG Forfeiture</b>
NA						

**BG Return details**

<b>Srno.</b>	<b>Consent (C2E/C2O/C2R)</b>	<b>BG imposed</b>	<b>Purpose of BG</b>	<b>Amount of BG Returned</b>
NA				

## **SCHEDULE-IV**

### **General Conditions:**

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act 1948
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website ([www.mpcb.gov.in](http://www.mpcb.gov.in)).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

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This certificate is digitally & electronically signed.

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## **Annexure – 1A**

# **Photos of the ZLD scheme**



**Photographs of the various units of the ETP viz., primary, secondary, tertiary, MEE and R.O**







## **Annexure –2**

# **CHWTSDF certificate**





Towards sustainable growth

## Mumbai Waste Management Limited

### Certificate

M/s - Novassynth Technologies (India) Ltd.

is a registered member of  
CHW-TSDF at MIDC, Talaja  
for safe & secure disposal of  
Hazardous Waste.

Membership no.: MWML - HzW - KHP - 320.....

This Certificate is valid up to

31<sup>st</sup> May 2023.....

Onkar A. Kulkarni  
Manager - MBD

Somnath Malgar  
Director

An ISO 9001:2015, ISO 14001 : 2015 & ISO 45001 : 2018 Certified Company

MWML Laboratory is accredited by NABL and Approved by MoEF

## **Annexure – 3**

# **ETP outlet reports**

QF/LA/09

Report Date : 16.09.2022

**Analysis Test Report**

Name & Address of the Client :	M/s. Innovasynth Technologies (India) Limited, Khopoli		
Date of Sample Collection :	10.09.2022	Sample Description :	1. Untreated Effluent 2. Treated Effluent
Date of Receipt of Sample :	10.09.2022	Sample Quantity :	1000 ml
Date of Analysis Started :	10.09.2022	Sample Collected by :	Laboratory
Date of Analysis Completed :	16.09.2022	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.08.22	Sampling Location :	ETP Plant
Sampling Method :	--		

Sr. No.	Parameters	Unit	Sample Code 1	Sample Code 2	MPCB Limits	Test Method Used
			GFL/W/22/09-17	GFL/W/22/09-18		
1.	pH	--	7.3	7.58	Between 6.0 to 8.5	APHA-4500 H+ B (23 <sup>rd</sup> Edition)
2.	Total Suspended Solids	mg/l	42	12	Less than 100	APHA 2540 D (23 <sup>rd</sup> Edition)
3.	B.O.D. 27°C. 3 days	mg/l	191	28	Less than: 100	IS 3025 (part 44): 1993 (Reaffirmed 2003)
4.	C.O.D.	mg/l	660	200	Less than: 250	APHA 5220 B (15 <sup>th</sup> Edition)
5.	Oil & Grease (Ether Extractable)	mg/l	4	<1	Less than: 10	IS 3025 part 39
6.	Total Residual Chlorine	mg/l	<0.2	<0.2	Less than: 1	APHA 4500 Cl B (23 <sup>rd</sup> Edition)
7.	Total Ammonical Nitrogen	mg/l	41.8	43	Less than: 50	APHA 4500NH <sub>3</sub> B & C (23 <sup>rd</sup> Edition)
8.	Free Ammonical Nitrogen	mg/l	5.76	<0.1	Less than: 4	IS 3025 (Part 34) 1988
9.	Phenol	mg/l	1.16	0.36	Less than 5	APHA 5530 C (23 <sup>rd</sup> Edition)
10.	Total Dissolved Solid	mg/l	1328	1278	Less than 2100	APHA 2540 C (23 <sup>rd</sup> Edition)
11.	Chlorides	mg/l	564	580	Less than 600	APHA 4500 Cl B (23 <sup>rd</sup> Edition)
12.	Sulphate	mg/l	151.9	146.9	Less than 1000	APHA 4500 SO <sub>4</sub> <sup>2-</sup> E (23 <sup>rd</sup> Edition)
13.	Phosphate	mg/l	0.468	2.236	Less than 5.0	APHA 4500 P.C. (23 <sup>rd</sup> Edition)
14.	Cyanide as CN**	mg/l	--	<0.05	Less than 0.2	APHA 4500 CN C&E

Note:\*\* parameter outsourced

----- End of Report -----

For Goldfinch Laboratory

Verified and Authorized by

Page 1 of 1

## **Annexure – 4**

# **Water permission from the Irrigation Department Karjat**



०८०८/६०/८६ हे ४६०८/४०/८० हे

कटारनामा कालावधि

खोपली, ता. खालापूर, जि. रायगड

श्री. इ. नो. १०८०८/४०/८० (इ. १०८०) जि.

१. २० दलाल/दिन

विभाग:- रायगड पाटबंधारे विभाग, कोलाड, ता. खोपली, जि. रायगड

1/22



महाराष्ट्र MAHARASHTRA

N 819974

दिनेश मा. सिवारी  
 मुद्रांक स्थान :- राखणदा-खोपोली  
 ता. खालापूर, जि. राखण  
 अनुज्ञापत्री क्र 02/9994-28  
 4977 28-2-14  
 : 280055-145 Technologies (I) P. Ltd.  
 Photo: Prithvi Prasad Khosla  
 Agreement



26 FEB 2014

SUB TREASURY OFFICER  
KHALAPUR - RAIGAD

AGREEMENT (For Non - Irrigation water supply)

AN AGREEMENT made on 21<sup>th</sup> day of MARCH two thousand Fourteen BETWEEN Innovassynth Technologies (I) Limited, Khopoli, TAL. KHALAPUR, DIST. RAIGAD the users such as Private Company / Industries / Entrepreneur / Organization, (which expression hereinafter referred to as company shall, unless excluded by or it be repugnant to the context or meaning there of be deemed to include it successors and assigns) registered under the Indian Companies Act, 1913 (vii of 1913), the companies Act, 1956 (I. of 1956) and having its registered office at Innovassynth Technologies (I) Limited, Khopoli, TAL. KHALAPUR, DIST. RAIGAD.



Executive Engineer  
 Raigad Irrigation Division  
 Kolod, Tal. Roha-Raigad





महाराष्ट्र MAHARASHTRA

N 819975



26 FEB 2014

SUB TREASURY OFFICER  
KHALAPUR - RAIGAD

दिनेश बा शिवारी

गुदाक विहोना :- रायगड-खोपोली

ता. खालापूर, जि. रायगड

अनुक्रमांकी क्र 02/9996-20

4977 28-2-14 500/-

श्री दिनेश बा शिवारी ता. खालापूर, जि. रायगड

Innovassynth Technologies (I) Ltd

Khopoli, Prithvi Pindar, Khalepur  
Agreement

Hereinafter referred to as "The Company" of the one part; AND THE GOVERNOR OF MAHARASHTRA (hereinafter referred to as "The Government (which expression shall unless excluded by or it be repugnant to the context or meaning thereof, be deemed to include its successors and assigns) of the other part.

WHEREAS the company is desirous of constructing a pumping station on the company's land at Innovassynth Technologies (I) Limited, Khopoli, TAL. KHALAPUR,



Executive Engineer  
Raigad Irrigation Division  
Koid, Tal. Roha-Raigad

DIST. RAIGAD for drawing water from the source at Patalganga river post Khopoli, Tal-Khalapur, Dist-Raigad (hereinafter referred to as "the said source") for the use by the Company's Khopoli (hereinafter referred to as "the said plant") and laying underground and surface pipes and drains for discharge of the factory effluent.

AND WHEREAS the Company has applied to the Government for permission to draw 1.20 million liters of water per day from the said source AND whereas the company has paid Rs. Nil (Rupees Nil) to Government towards the proportional cost of capital outlay of the project.

AND WHEREAS the government has agreed to grant the aforesaid permission to the company on the terms and conditions herein after appearing vide Letter No.C.E KOKAN REGION IRRIGATION DEPARTMENT,MUMBAI 89.01 (89/87) T5/1823 D+23.05.2003 & GOVT OF MAHARASHTRA WRD LETTER NO.2012 (577/12) D+ 27.02.2014

AND WHEREAS under the said terms and conditions the Company has to deposit with the Executive Engineer Raigad Irrigation, Division Kolad a sum of Rs. 4,24,900/- as security equivalent to two months company's probable annual water charges based on yearly sanctioned and as communicated in cash or in the form of fix deposit receipt or a bank guarantee issued by a scheduled/nationalized bank having its main/branch office situated locally for the due observance and performance by the Company of the terms and conditions of this Agreement.

AND WHEREAS the company has accordingly, prior to the execution of these presents, deposited with the Government a sum of Rs. 4,24,900/- (Rupees four Lakhs Twenty Four Thousand Nine Hundred Only) as security for the due observance and performance by the Company of the terms and conditions herein contained, AND WHEREAS it has been agreed that the said amount will not carry any interest if deposited in cash. (attached D.D.No.005851, dt.21/03/2014 of Rs.4,24,900/- Axis Bank, Panvel.

**Definitions :-**

**Quota :-** Quota means yearly demand sanctioned and communicated to \_\_\_\_\_ by the Executive Engineer.

**Corperation:-** Corperation means the River basin corporations like Maharashtra Krishna Valley Development Corporation (MKVDC), Godavari Marathawada Irrigation



Development Corporation (GMIDC), Tapi Irrigation Development Corporation (TIDC), Konkan Irrigation Development Corporation (KIDC), & Vidharbha Irrigation Development Corporation (VIDC), Municipal corporations, Municipalities etc.

**MIDC :-** MIDC means Maharashtra Industrial Development corporation. **MJP:-** MJP means Maharashtra Jeevan Pradhikaran.

Yearly applicable demand. Yearly applicable demand means the water demand communicated by the USER for the period from 1<sup>st</sup> November to 31<sup>st</sup> October to the Executive Engineer & sanctioned by Irrigation Department every year in the month of September along with its bifurcation for Industrial domestic and agricultural use.

**USER: -** USER means water using agency like individual companies users industry Entrepreneur.

**NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:-**

1) (u) In consideration of the company making payment to the Government as hereinafter specified and observing and performing the convenience and conditions herein contained Government do hereby grant to the company permission to draw following quota of water for the specified purpose. Vide No.क.क.इ.अ.इ. 89.01 (89/87) T5/1823 D+23.05.2003 & GOVT OF MAHARASHTRA WRD LETTER NO.2012 (577/12) D+ 27.02.2014

Sr. No.	Description/Use	Quantity (Million Liters Per Day)
1	Total sanctioned quota	1.20 MLD
1.1	For industry Using potable water battling plant	-
1.2	For other than water as raw material industrial use	0.96 MLD
1.3	For domestic use	0.24 MLD
1.4	For agricultural use(nursery/gardening) within the Companies premises.	-

and use the same for the purpose of the Company's said plant or project, for supply to residential colonies and for agricultural use (nursery/gardening) for a term of six years commencing from the 01<sup>st</sup> day of APRIL 2014 on the following terms and conditions:

(b) The quota assigned for domestic use and for agricultural use shall not exceed 10% each of the individual water demand. In the cases wherein the water used for

Domestic/Agricultural use exceeds 10% in each case the excess use shall be charged at industrial applicable rate specified in clause 11 of this agreement.

(c) The industrial water requirement, the domestic water requirement and the agricultural (nursery/gardening) water requirement of the company as demanded deemed to be separate and independent for the sole purpose and water charges assessment shall be accordingly separate and independent for other clauses of this agreement.

2) The permission hereby granted shall be subject to the provisions of the Maharashtra irrigation Act 1976 and the Bombay Canal Rules 1934 and subsequent revisions, if any, in force and any executive orders issued in this behalf by Government and any statutory amendment thereof from time to time and for the time being in force.

3) Nothing herein contained shall be deemed to imply any guarantee on the part of the Government as to the availability or otherwise of any specific quantity of water and Government shall not be responsible for the non-supply or inadequate supply of water on any account whatsoever.

However in case of inadequate or non-supply due to shortage of water or reason beyond the control of the Department, bill shall be charged as per actual quantity of water lifted/supplied during such period.

4) The company shall use the water drawn from the said river for purposes of the company's said Plant and for supply to the residential colonies constructed by the company within the area of the said Plant for providing housing to its employees and workers (hereinafter referred to as "the said residential Colonies.") The company shall not sale the water from the said river to any other person, firm or company, corporation or other body. In the event of the company selling water drawn from the said river, then the Government without prejudice to its right will forthwith revoke the license, Government shall be entitled to recover from the company the proceeds of any such sale made by the company.

5) Government shall be entitled to utilize water of the said river available after meeting the reasonable requirements of the company; as to which matter the decision of the Government shall be final and binding on the company, for such purpose as Government deems fit.

6) The permission hereby granted shall not in any manner prejudicially affect the existing water rights vested in the upstream riparian owners; nor shall it in any way,



prejudice Government's right to here after launch or implement in public interest any new schemes or schemes on its own, on or in connection with the present source of channel of water supply available to the company, subject however to the safe-guarding of its reasonable demand referred to in clause (5) above.

7) The company shall not construct the pick-up weir in the Patalganga river bed of the said River/Dam unless the proposals, plans, drawings, specifications, estimates and all other details thereof are previously submitted to and approved in writing by an officer authorized in that behalf by the Government and while granting its approval to the construction of the pick-up weir Government may impose such conditions as it may in its discretion think fit.

8) (a) For ascertaining the quantity of water drawn by the company, the company shall forthwith at its own cost and after obtaining prior approval in writing thereto of the Executive Engineer install independent pipeline fitted with separate electronics water measuring devices for use of water for the said independent intention (hereinafter referred to as "the said electronic measuring devices") at such places as is indicated by the Executive Engineer. All the pipeline layout showing locations of the metering equipments from the said source for different purposes shall be got jointly verified and got approved from the Executive Engineer, irrigation Department. Layout from the said source shall be got approved from the Executive Engineer. No changes in the approved layout shall be made without the prior written approval from the Executive Engineer. In the event of the company failing to install and keep in proper working order the said electronic measuring devices for use of water for the said Plant and supply to the said residential colonies as aforesaid the company shall be liable to pay for the full sanctioned water quota. As mentioned in clause 8(d) I & II.

During such period 125% of the proportionate sanctioned quantity will be charged at the prevailing rates for the said plant. The said electronic measuring devices shall always be kept under the lock and seal of the Executive Engineer and the key of such lock shall at all times remain with the Executive Engineer. The company shall at all times, during the substance of this agreement at its own cost maintain the said electronic measuring devices in proper working order and condition.

(b) Readings for the water so drawn by the company Will be taken on the said electronic measuring devices, on the Last day of each month or at agreed times,

jointly by the Authorized representatives of the Executive Engineer and of the company.

(c) If at any time in the opinion of the Executive Engineer the said electronic measuring devices are found defective, the same shall be tested for its accuracy and the cost of such testing shall be borne and paid by the company. If on such testing the said electronic measuring devices are found to be defective the company shall forthwith get the same repaired and set right at its own cost and in the event of company failing to do so within 30 (Thirty) days thereafter the Executive Engineer may proceed to do so on account and at the cost of the company.

(d) In the event of the said electronic measuring devices going out of order and becoming defective the quantity of water drawn by the company during the period when the meter was defective and not working shall be ascertained in the following manner:

(i) If the said electronic measuring devices remain out of order for a period of less than 30 days then the quantity of water deemed to be drawn by the USER during the said period shall be taken to be 90% of the sanctioned demand as communicated in clause No. 1.1 quantity or average for the last six months whichever is higher.

(ii) If the said electronic measuring devices remain out of order for a period exceeding thirty days then the quantity of water deemed to be drawn by the USER during the said period shall be taken to be 110% of the sanctioned demand as communicated in clause No 2 or average the last six months whichever is higher. This will be made applicable for the period during which the measuring devices remained out of order.

The aforesaid provisions will also apply when the quantity of water drawn by the company cannot be measured on account of removal of the said electronic measuring devices.

For repairs or the same in the opinion of the Executive Engineer not working properly.

(iii) If electronic meter meant for domestic or for agricultural use is not fitted or remains out of order or is removed, the water charges will be levied as per the rates specified for the industrial use for the total quota as referred to in clause I (a) of this agreement.

9) Billing should be done on bimonthly basis. The Bill for the water drawn by the company during the previous calendar month shall be sent in duplicate /triplicate by the



Executive Engineer to the office of the company within 15 days after the end of the water consumption month. The company shall thereafter duly pay the same by a demand draft drawn in the name of the Executive Engineer, Raigad Irrigation Division Kolad for and on behalf of the Government within a fortnight from the date of receipt of the bill and shall not allow the same to fall in arrears. If the company fails to pay the amount within this stipulated time (15 days from the date of receipt of the bill i.e. before the end of the current month) extra charge not exceeding 12% per annum of the amount due will be charged. As per Govt.G.R.-2010/407/10 dt.29/06/2011. If the delay in payment of water charges exceeds six months the Irrigation department reserves the right to terminate the water supply with a notice of 15 days in advance.

10) The cost of all works in connection with the arrangements for water supply including the cost of measuring devices and its installation and maintenance, shall be borne by the company.

11) Subject to the provisions of clause (8) hereof, the company shall pay to the Government at the time and in the manner specified in clause (12) hereof water charges for the quantity of water drawn by the company from the said river as measured by the said electronic measuring devices at the following rates, namely :-

Rate in Rs. Per 10,000 Liters

Use	Sanctioned Quota	onwards
Industrial	0.96- M.L.D.	Government of Maharashtra WRID GR no. 2010/407/10 Dt 29.06.2011
Domestic	0.24 MLD	-
Horticulture	-	-

The above rates are as per the Governor Resolution No संकीर्ण २०१०/४०७/१०/सिञ्च(धोरण) दि. २९.०६.२०११. We are aware of the category applicable to industries drawing water from pratalganga river for the purpose of paying water charges during the tenure of this agreement. The water lifted by the user during rainy season from the river where irrigation department has not realized the water concession rate as decided by irrigation department shall be charged

i] Provided however that after the expiry of two years from the date the company starts drawing water from the said river if in any month the quantity of water drawn by the company is less than 90 per cent of the quantity of water specified in clause (1) hereof then the company shall pay to the Government water charges calculated for 90 per cent of the quantity of water specified in clause (1) hereof or for average of the quantity of water drawn by the company during the period of previous three months including the month in question whichever is greater.

ii] For any unforeseen reasons, if the company agency would like to reduce / increase the demand of water made earlier entered in the agreement they will be required to make the revised annual demand before the commencement of the year i.e. 1<sup>st</sup> day of November. On acceptance of such revised demand the company will be charged as per changed demand for period specified, other conditions remaining same. A supplementary agreement on 100 Rs. stamp paper for this changed quantity which will form part of main agreement.

iii] No penal rate will be levied for the quantity limited to 10% in excess of the sanctioned one. For quantity used in excess of this 10% without prior sanction a penal rate of 25% will be charged over the basic rate. The delay in payment on account of this also, will be governed by clause 9 above.

iv] For any unforeseen reasons (such as — sudden closure of the units or sudden rise in production etc) there could be abrupt fluctuations in the demand on both sides. Such cases will be decided at Government level only, by giving due considerations to the availability of water in the particular sub-basin and so on.

v] In addition to the payment of water charges referred to above the Company shall also pay to the Government local funds cess at the rate of 20 paise per every rupee of basic water charges.

vi] Water bills- The bimonthly bills for the period from November to August (for 10 months) shall be prepared on the basis of actual quantity of water lifted at the prevailing rate. The bill for the months of September & October (11 & 12) months shall be prepared by taking review of annual sanctioned demand & the terms & conditions of the agreement & then shall be adjusted & paid accordingly. While adjusting so it shall be considered that the 90 % of the annual sanctioned demand has been lifted / used. The watered lifted in excess up to 10 % of sanctioned demand shall be charged at single rate and excess above 10% without prior permission ) will be charged at penal rate of 1.25 times of the normal rate, as mentioned in the relevant clause. However the local cess shall be charged on single rate only.



12) (a) The company shall pay to the Executive Engineer, water rates and local fund cess either in advance every month on the basis of anticipated quantum of water to be drawn by it from the said source during the next two month or on monthly basis within fifteen (15) days from the date of receipt of the bi monthly demands by the user from the Executive Engineer. On default of the user to pay the water rate or local fund cess as aforesaid vide clause 9 and 11, Government shall without prejudice to its any other rights and remedies be entitled to terminate this agreement forthwith as per clause No 9.

(b) In the case of disputes regarding quantity of water billed or rate at which the bill is prepared the company/firm/individual water users shall first pay the complete amount of the bill & then claim for the refund of any excess bill charged giving the reasons / justification of wrong billing. However the decision of Superintending Thane Irrigation Circle, Engineer Thane in this regards shall be final & binding on the company.

13) Government hereby reserves to itself the right to revise from time to time the water rates and local fund cess and company shall pay the revised water rates and local fund cess as may be fixed by Government from time to time.

14) The user shall not discharge the effluent in any nalla or river and shall not pollute directly or indirectly any portion of the said nalla / river even by septic tank effluents. If any water sources are polluted by any industry as identified by irrigation / pollution control board/MIDC/MJP the company shall be charged with a penalty of Rs.5000/- per such incident per day tilt it is rectified. The opinion of Maharashtra Pollution Control Board in respect of degree of pollution will be binding on the company.

The company shall recycle the effluent water for their use such as gardening, recreation, cooling cleaning, washing and manufacturing process etc. so that at least 50% reduction in consumption of fresh water is achieved.

15) The effluent disposal arrangement made by the company/industry shall be got approved by the company from the Maharashtra Pollution Control Board/ Environmental Department of the Government prior to commencing the operation of pumping/drawing water from the source.

16) The company shall at all the times allow an officer of irrigation Department of The Government authorized in that behalf to inspect the said works as well as the accounts and copies taken of entries from the records maintained by the company.

17) Any notice or other document to be given to or served upon the company may be given or served on behalf of the Government by the Executive Engineer, Raigad Irrigation Division, Kolad and any notice or document shall be deemed to have been duly given to or served upon the company or sent by registered post to the registered company if it is delivered at the registered office of the company or sent by registered post to the registered address for the time being of the company.

18) The said sum of Rs. 4,24,900/- deposited in the form of bank guarantee/FDR/cash by the company with the Executive Engineer, Raigad Irrigation Division, Kolad to the Government as aforesaid shall be held by the Government as security for the due observance and performance by the company of the covenants, terms and conditions herein contained. In case of defaults on the part of the company to perform and observe any of the said covenants terms and conditions it shall be lawful for the Government in his absolute discretion to forfeit the whole of the security deposit or any part thereof without prejudice nevertheless to any rights and remedies which the Government may have against the company under these presents for such breach and the company shall forthwith pay up the amount so forfeited and shall always maintain the original amount of deposit throughout the period of this agreement. On the expiry of the terms of this agreement, the said security deposit of Rs Rs. 4,24,900 /- or such part thereof as shall not have been appropriated as aforesaid shall be refunded to the company.

19) All amounts due to the Government by the company under this agreement shall be deemed to be arrears of land revenue and may without prejudice to any other rights and remedies of the Government be recovered from the company as arrears of land revenue.

20) On the expiry of the term of this agreement, Government may renew this agreement within 90 days for such further period and on such terms it and conditions, as Government may at its absolute discretion deem fit.



21) The costs incurred in the execution of the incidental charges for this agreement including stamp duty shall be borne and paid by company.

22) Permission for extra water over and above the sanctioned quota will be granted only when the written permission for expansion etc is produced by the company from the Industrial Department.

23) The agreement supersedes all the previous agreements entered into by the user with the Government in connection with the supply of water from Patalganga river.

24) The company should submit their water indent for every rotation to the Executive Engineer, Raigad Irrigation, Division Kolad on or before starting of the rotation. Where the source is located on canal, The Company should also furnish the exact quantity of water actually drawn in each rotation after completion of the rotation.

25) The company will have to make an arrangement at it's own cost for adequate storage (Balancing Tank) of not less than two months requirement of water in case of perennial canal, five months requirement in case of 8 monthly canal system, four months requirement in case of water source from seasonal river/nalla and one month water requirement in case of perennial water source of river/nalla so as to take care of the closure period But if unexpectedly the closure period is increased by more than the specified period stipulated herein the company will have to make an alternative arrangement for its water requirement at its own cost.

26) IF THE COMPANY COMMITS A BREACH OF ANY OF THE TERMS AND CONDITIONS THEREOF GOVERNMENT SHALL BE ENTITLED TO CANCEL THIS PERMISSION AND DISCONTINUE THE SUPPLY OF WATER WITHOUT PAYMENT OF ANY COMPENSATION WHATSOEVER TO THE COMPANY.

27) The Govt. hereby reserves to itself its right to change amend modify cancel revise any of the terms and conditions, rules and regulations of water management and Maharashtra Irrigation Act and rules laid under them which shall be applicable for this agreement.

IN WITNESS WHEREOF THE Common Seal of the Innovassynth Technologies (I) Limited, Khopoli, TAL. KHALAPUR, DIST. RAIGAD has been hereunto affixed AND the Executive Engineer, Raigad Irrigation Division, Kolad has for and on behalf of the Governor of Maharashtra hereto set his hand and affixed the seal of this office the day and year first herein above written. THE COMMON SEAL OF Innovassynth Technologies (I) Limited, Khopoli, TAL. KHALAPUR, DIST. RAIGAD was pursuant to a resolution of the Board of Directors of the company dated the 20<sup>th</sup> MARCH 2014. Hereto affixed in the presence of

1) Dr. Bhabesh Sahu



by ASA 704 for

2) \_\_\_\_\_

two Directors of the company who in token thereof have hereto set their respective hands in the presence of-

1)

A. G. Bahuguni

2) \_\_\_\_\_

SIGNED, SEALED AND DELIVERED by the Executive Engineer, Raigad Irrigation, Division Kolad for and on behalf of the Governor of Maharashtra in the presence of

1) M. S. Bhat  
Sect. Engr

[Signature]



2) S.D. Kasabgottuwar

[Signature]

[Signature]  
Executive Engineer  
Raigad Irrigation Division  
Kolad - 401 504, Raigad

TRUE COPY

प्रतिज्ञापत्र

मी. श्री.

..... Dr. Bhabatosh Sahu ..... हुदा

..... CEO & President, Ganvadya कम्पनी

Technologies (I) Ltd.: प्रतिज्ञेवरून लिहून देतो की, माझी

कंपनी पुढील 3. महिन्याचे आत प्रत्येक पाणी वापराचे प्रकारासाठी एक स्वतंत्र

इलेक्ट्रॉनिक (डिजीटल) वॉटर मिटर बसवून घेण्याची हमी देत आहे.



*[Handwritten signature]*

*[Handwritten signature]*  
Executive Engineer  
Raigad Irrigation Division  
Kolad, Tal. Roha-Raigad



प्रतिज्ञापत्र

मी. श्री Dr. Bhabatosh Sahu. हुदा ... C.E.O. & President  
... कंपनी InnoVasynth Tech (P) Ltd. प्रतिज्ञेवरून लिहून देतो की, माझी कंपनी  
पाणी वापर प्रकारानुसार नव्याने पाणीकोटा मंजुरीसाठी प्रस्ताव सादर केलेला  
आहे. तो मंजूर झालेस ज्या पाणीवापर प्रकारासाठी पाणीकोटा मंजूर असेल तो  
त्याच पाणी वापर प्रकारासाठी वापरण्यात येईल याची हमी देत आहे. त्यात  
बदल केलेचे आपणास आढळून आल्यास, माझी कंपनी महाराष्ट्र पाणीवापर  
अधिनियम १९७६ मधील तरतुदीनुसार कार्यवाहीस पात्र राहील याची मला संपूर्ण  
कल्पना आहे.



*Handwritten signature*

*Handwritten signature*  
Executive Engineer  
Raigad Irrigation Divs  
Kolad, Tal. Roha-Raigad

क्र. ८९-०९/(८९/८७)/ता-५/ १६२३

पाटबंधारे विभाग, कोकण प्रदेश  
हॉयलॉग बॅंक बिल्डींग, ४था मजला  
मुतात्मा चौक, मुंबई ४०० ०२३  
दिनांक २३/०५/२००३

संस्थान :

विषय :

मे. इंडियन ऑर्गेनिक केमिकल्स लि. केमिकल्स डिब्बीजन.

खोपोली, जि. रायगड

पाताळगंगा अधिसूचित नदीतून उजळता असलेला मंजूर पाणी कमी करणेबाबत.

१) प्र.क्र. चे पत्र क्र. ८९-०९/(८९/८७)/ता-५/३६३३, दि. १२.७.९०

२) मे. इंडियन ऑर्गेनिक केमिकल्स लि. चे पत्र क्र. R/Irrigation/1744,  
dated 1.11.02

मे. इंडियन ऑर्गेनिक केमिकल्स लि., खोपोली, जि. रायगड या संस्थेस सध्याच्या १.६ क्युसेक्स (३.९२ द.ल.लि./दिन) हा मंजूर कोटा ४ टप्प्यात देणेत आला आहे. त्यापैकी ०.५० क्युसेक्स शासन पत्र दि. ३.४.६७ अन्वये, ०.२० क्युसेक्स शासन पत्र क्र. पीकेएस २६७३/७७९६२ आय(४), दि. ९.८.७३ अन्वये, ०.५० क्युसेक्स शासन पत्र क्र. पीकेएस/२६७४/५०५८७ आय(४), दि. १६.३.७५ अन्वये व उर्वरित ०.४० क्युसेक्स सदर १ च्या अन्वये मंजूर केलेले आहे.

कंपनीच्या निस्साराच्या योजना अंमलात येऊ न शकणे, काही मुनिट्सची उत्पादन प्रक्रिया बंद करणे, कर्मचारी कपात, उत्पादन कपात व पाण्याचा पुनर्वापर इत्यादि विविध कारणांमुळे प्रत्यक्ष पाण्याचा वापर कमी होत असल्याने संस्था मंजूर असलेला पाणी कोटा (३.९२ द.ल.लि./दिन) कमी करून १.२० द.ल.लि./दिन करवा आणि त्यापैकी औद्योगिक ०.६५ द.ल.लि./दिन, घरगुती ०.३० द.ल.लि./दिन व कृषि प्रयोजनार्थ ०.२५ द.ल.लि./दिन करणे मंजूर करणे अशी विनंती संदर्भ २ च्या पत्रान्वये केली आहे. वरील सर्व कारणांचा विचार करता व कंपनीने मागले केलेल्यानुसार सध्याचा प्रत्यक्ष सरासरी प्रत्यक्ष पाणी वापर कपातीनंतर मागणी केलेल्या कोट्याशी सुसंगत असल्याने खालीलप्रमाणे निर्णय घेण्यात येत आहे.

निर्णय : मे. इंडियन ऑर्गेनिक केमिकल्स लि., खोपोली या कंपनीस पाताळगंगा अधिसूचित नदीतून कंपनीने विनंती केलेल्यानुसार मंजूर ३.९२ द.ल.लि./दिन पाणी कोटा दि. १.११.०२ पासून २.७२ द.ल.लि./दिन ने कमी करून येत असून सदर कंपनीस अद्याप फक्त १.२० द.ल.लि./दिन (औद्योगिक वापर) एवढ्याच पाणी कोटा मंजूर राहिल. यापैकी औद्योगिक वापराचे दराने ०.६६ द.ल.लि./दिन व घरगुती वापराचे दराने ०.२४ द.ल.लि./दिन मंजूर करण्यात येत आहे. सदर प्रकरणा संबंधित अधिकृत अभियंता/कार्यकारी अभियंता यांनी प्रवृत्त निष्ठाानुसार पुढील कार्यवाही करणी. उर्वरित मंजूर पाणीकोट्यासाठी शासनाच्या दि. ०७.०४.२००३ च्या परिपत्रकानुसार प्रसूत केलेल्या शुधारित नमुन्यात करारनामा करण्यात यावा.

आपला प्रत भु.स.च्याने मंजूर केली आहे.

*B. B. B.*  
मुख्य अभियंता,  
पा.वि., को.प्र., मुंबई करीता

का - मा. सचिव (साह्यी) पाटबंधारे विभाग, मंत्रालय, मुंबई ४०० ०३२ यांना माहितीसच सविनय सादर.

का - अधीक्षक अभियंता, ताणें पाटबंधारे मंडळ, ताणें यांना माहिती व आवश्यक कार्यवाहीसच.

का - कार्यकारी अभियंता, रायगड पाटबंधारे विभाग, कोलाड यांना माहिती व आवश्यक कार्यवाहीसच.

का - मे. इंडियन ऑर्गेनिक केमिकल्स लि., केमिकल्स डिब्बीजन, खोपोली ४१० २०३, जि. रायगड यांना माहिती व आवश्यक कार्यवाहीसच.

FILE AGREEMENT MESTRY



*Signature*  
Executive Engineer  
Raigad Irrigation Division  
Kolad, Tal. Roha-Raigad





INNOVASSYNTH

# INNOVASSYNTH TECHNOLOGIES (I) LTD.

REGD. OFFICE & WORKS :  
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Fax : +91 - 2192 - 263628  
email : [info@vsnl.net](mailto:info@vsnl.net) / [info@innovassynth.com](mailto:info@innovassynth.com)  
website : [www.innovassynth.com](http://www.innovassynth.com)



F/ADM/

February 27, 2014

The Chief Engineer  
Konkan Division  
Water Resources Dept.  
Madam Kama Road  
Hutatma Rajguru Chowk  
Mumbai 400 032

Dear Sir,

Sub : Writ Petition No. 21807/2012/(7844/2012)

We refer to letter No. उसिचो - 2012/(577/12)/ सिव्य (घोरण) from the Government of Maharashtra dated 27<sup>th</sup> February 2014,

We are accepting all the terms which have been communicated by the Water Resources Department of the Government of Maharashtra. We will enter in to an agreement for future supply of water immediately.

Thanking you,

Yours faithfully,

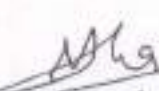
For Innovassynth Technologies (I) Ltd.



Dr. B. Sahu  
CEO & President

- Cc : - The Superintendent Engineer, Water Resource Dept, Thane  
- Shri Sandeep K. Shinde, Govt. Advocate (Writcell), Hon. High Court, Mumbai  
- The Executive Engineer, Raigad Water Resources Dept., Kolad  
- Shri N.D. Sahare, Water Resource Dept, Govt. of Maharashtra,



  
Executive Engineer  
Raigad Irrigation Division  
Kolad, Tal. Roha-Raigad

### महाराष्ट्र शासन

कार्यांक :- न्यायाप्र- २०१२/( ५७७/१२)/सिक्व(धोरण)

जलसंपदा विभाग,  
 मादाम कामा मार्ग,  
 हुतात्मा राजगुरु चौक,  
 मंत्रालय, मुंबई ४०० ०३२  
 दिनांक : २७/०२/२०१४

प्रति,  
 मुख्य अभियंता,  
 जलसंपदा विभाग, कोकण प्रदेश,  
 मुंबई

विषय :- रिट मिटीशन क्र. २१८०७/२०१२/(७८४४/२०१२)

फयुचुरा पॉलिस्टर्स / इनोवॉसिन्थ टेक्नोलॉजी (आय) लिमिटेड, खोपोली विरुद्ध महाराष्ट्र शासन व इतर  
 मा.उच्च न्यायालय मुंबई

संदर्भ :- आपले पत्र क्र. २०१४/ता.२(३)/ऐ-२९३/९३४ दि. १५/२/२०१४

आपल्या संदर्भाधीन पत्राच्या अनुषंगाने खालील अटीच्या अधिन राहून सदर प्रस्तावास मान्यता देण्यात येत आहे.

१) दि. १९/०२/२००२ पासून १.२० दल्लि/दिन प्रमाणे कमी केलेल्या मंगूर पाणी कोटयाप्रमाणे दि.२८/२/२०१४ पर्यंतची पाणीपट्टी शासनाच्या प्रचलित नियमाप्रमाणे, शासन निर्णय दि. १०/९/१९९९ मधील परिशिष्ट क्र. १ चे अनुक्रमांक (अ) ३ (ब) नदीवर धरण बांधले असल्यास धरणखालील नदीतून वा बगवारीप्रमाणे पाणीपट्टी आकारणी रक्कम रु. ३४७.३४ लक्ष परिगणित करण्यात आली आहे. ही रक्कम फयुचुरा पॉलिस्टर्स/इनोवॉसिन्थ टेक्नोलॉजी (आय) लिमिटेड, खोपोली यांनी भरणे बंधनकारक राहिल.

२) शासन निर्णयानुसार आकारण्यात येणारे दि. २८/२/२०१४ पर्यंतची स्थानिक शुल्क रक्कम रु. ६९.४७ लक्ष व विलंब आकारणी रक्कम रु. २८०.५८ लक्ष याप्रमाणे परिगणित करण्यात आली आहे. ही रक्कम फयुचुरा पॉलिस्टर्स /इनोवॉसिन्थ टेक्नोलॉजी (आय) लिमिटेड, खोपोली यांनी भरणे बंधनकारक राहिल.

३) पाणीपट्टीची दि. २८/२/२०१४ पर्यंतची एकूण धक्काकीची रक्कम रु. ६९७.४० लक्ष आहे. पहिला हप्ता रु.१३९.४८ लक्ष मार्च २०१४ मध्ये, दुसरा हप्ता रु.१३९.४८ लक्ष व उर्वरित रकमेवरील व्याज स्टेट बँकेच्या व्याज दराने ( Prime Lending Rate) जून २०१४ मध्ये, तिसरा हप्ता रु.१३९.४८ लक्ष व उर्वरित रकमेवरील व्याज स्टेट बँकेच्या व्याज दराने (Prime Lending Rate) सप्टेंबर २०१४ मध्ये, चौथा हप्ता रु.१३९.४८ लक्ष व उर्वरित रकमेवरील व्याज स्टेट बँकेच्या व्याज दराने (Prime Lending Rate) डिसेंबर २०१४ मध्ये व पाचवा हप्ता रु.१३९.४८ लक्ष व उर्वरित रकमेवरील व्याज स्टेट बँकेच्या व्याज दराने ( Prime Lending Rate ) फेब्रुवारी २०१५ मध्ये कंपनीकडून वसूल करण्यात यावी, त्या करिताचे हमी पत्र फयुचुरा पॉलिस्टर्स/इनोवॉसिन्थ टेक्नोलॉजी (आय) लिमिटेड, खोपोली यांनी देणे बंधनकारक राहिल.

४) पाण्याचे दैयक सरासरी रु. २.७६ लक्ष प्रती महिना प्रमाणे पाणी दैयक भरण्यास फयुचुरा पॉलिस्टर्स/इनोवॉसिन्थ टेक्नोलॉजी (आय) लिमिटेड, खोपोली कंपनी तयार राहिल.

५) फयुचुरा पॉलिस्टर्स/इनोवॉसिन्थ टेक्नोलॉजी (आय) लिमिटेड, खोपोली कंपनी कोर्ट केस कोर्टातून परत घेईल

६) फयुचुरा पॉलिस्टर्स/इनोवॉसिन्थ टेक्नोलॉजी (आय) लिमिटेड, खोपोली कंपनी पाणी पुरवठा करिता १.२० दल्लि/दिन याप्रमाणे नवीन करारनामा शासना सोबत करेल.

मे फयुचुरा पॉलिस्टर्स/इनोवॉसिन्थ टेक्नोलॉजी (आय) लिमिटेड, खोपोली कंपनी ही बरीलप्रमाणे अटी व शर्ती पूर्ण करत असल्यास पुढील कार्यवाही आपल्यास्तरावर करावी, ही विनंती.

*(न.दी.सहारे)*

शासनाचे अधर सचिव

प्रत :- १) अधीक्षक अभियंता, ठाणे पाटबंधारे मंडळ, ठाणे यांना माहितीस्तव सादर.

२) श्री. संदीप के. शिंदे, सरकारी वकील, (रिट सेल) मा. उच्च न्यायालय, मुंबई यांना माहितीस्तव सादर.

३) कार्यकारी अभियंता, रायगड पाटबंधारे विभाग, कोलाड यांना माहितीस्तव सादर.

४) मे फयुचुरा पॉलिस्टर्स/इनोवॉसिन्थ टेक्नोलॉजी (आय) लिमिटेड, खोपोली यांना माहितीस्तव सादर.

५) कार्यासन सिक्व(धो) संग्रहाथे.



*(Handwritten signature)*

*(Handwritten signature)*  
 Executive Engineer  
 Raigad Irrigation Division  
 Kolad, Tal. Roha-Raigad



ssp

IN THE HIGH COURT OF JUDICATURE AT BOMBAY  
CIVIL APPELLATE JURISDICTION  
WRIT PETITION NO.7844 OF 2012

Futura Polysters Limited  
and others

vs.

The State of Maharashtra  
and others

...Petitioners

...Respondents

Mr.Pravin Samdani a/w Mr.Mayur Khandeparkar a/w Ms  
Neha Dhauru i/b Mulla & Mulla and C.B. & C for the  
Petitioners  
Mr.S.K.Shinde, G.P for the respondent Nos.1 to 5.

CORAM : A.S.OKA, &  
M.S.SONAK, JJ.

DATE : FEBRUARY 28, 2014

P.C.:

1 The learned Government Pleader has placed on record a letter dated 27<sup>th</sup> February 2014 addressed by the State Government to the Chief Engineer of Water Resources Department, Konkan Division, Mumbai. The said letter is taken on record and marked 'X' for identification. The learned senior counsel for the petitioners has placed on record a letter dated 27<sup>th</sup> February 2014 addressed by the second petitioner to the Chief Engineer recording that the terms and conditions recorded in letter dated 27<sup>th</sup> February 2014 (marked 'X' for identification) have been accepted by the second petitioner-company. The letter further records that the second petitioner will enter into an agreement in terms of clause (6) of the letter dated 27<sup>th</sup> February 2014. The letter



Executive Engineer  
Raigad Irrigation Division  
Kolad, Tal.Roha-Raigad

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dated 27<sup>th</sup> February 2014 addressed by the second petitioner to the Chief Engineer is taken on record and marked 'Y' for identification.

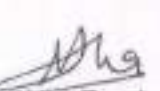
2 In view of the terms and conditions recorded in the letter of the State Government dated 27<sup>th</sup> February 2014 and the acceptance thereof by the second petitioner by the letter of the same date, the present petition does not survive and the same is disposed of in terms of the terms and conditions which are incorporated in the letter dated 27<sup>th</sup> February 2014 (marked 'X' for identification).

3 We direct that the agreement as provided in clause (6) of the letter dated 27<sup>th</sup> February 2014 shall be executed within a period of eight weeks from today.

(M.S.SONAK,J.)

(A.S.OKA,J.)



  
Executive Engineer  
Raigad Irrigation Division  
Kotod, Tal. Raha-Raigad





INNOVASSYNTH

INNOVASSYNTH TECHNOLOGIES (I) LTD.

REGD. OFFICE & WORKS :

Khopoli 410 203, Dist. Raigad, Maharashtra (India)

Tel. : +91-2192-260100, 262828, 263328

Fax : +91 - 2192 - 263628

email : [itl@vsnl.net](mailto:itl@vsnl.net) / [itl@innovassynth.com](mailto:itl@innovassynth.com)

website : [www.innovassynth.com](http://www.innovassynth.com)



**CERTIFIED TRUE COPY OF RESOLUTION PASSED BY THE BOARD OF DIRECTORS OF INNOVASSYNTH TECHNOLOGIES (INDIA) LIMITED AT ITS BOARD MEETING HELD ON 20<sup>TH</sup> MARCH 2014.**

**"RESOLVED THAT** Dr. B. Sahu, Chief Executive Officer of the Company be and is hereby authorized to sign and execute agreement, documents and papers in connection therewith for non-irrigation water supply with the Executive Engineer, Raigad Irrigation, Division Kolad for and on behalf of Government of Maharashtra, and that the Common Seal of the Company be affixed on such documents as may be necessary in the presence of any two directors and the same be countersigned by Dr. B. Sahu, Chief Executive Officer in token of affixation of the Common Seal of the Company.

**RESOLVED FURTHER THAT** a copy of the foregoing resolution duly certified as true by any Director or Company Secretary, be forwarded to the concerned person/s or authorities for necessary action."

**CERTIFIED TRUE**

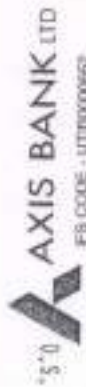
For INNOVASSYNTH TECHNOLOGIES (INDIA) LIMITED

S. C. NANDA  
COMPANY SECRETARY



Executive Engineer  
Raigad Irrigation Division  
Kolad, Tal. Roha-Raigad





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Executive Engineer  
Raigad Irrigation Division  
Kohad, Tal. Roha-Raigad



## **Annexure – 5**

**Photographs of the separate effluent conveyance system, sewage conveyance system and storm water drain**

**ETP Separte conveynce system for Effluent**



**STP Separte conveynce system for Sewage**





Storm Water drain channel photograph





## **Annexure –6**

# **Photographs of the tank farm**

## TANK FARM PHOTOGRAPH





## **Annexure – 7**

# **Plantation photographs**



## Tree Plantation

Tree Plantation done on the occasion of World Environment Day 2022.

Sr. No.	Plant Name	Quantity planted No.s
1	Areca Palm	05
2	Manjium	10
3	Bottle Palm	05
4	Foxtail Palm	05
5	Bottle brush	05
6	Cassia Fistula	05
7	Sisam	07
8	Mohgany	07
9	Keshar Mango	01
10	Rose	03







## **Annexure – 8**

# **Public hearing compliance matrix**

**Public hearing compliance matrix**

<b>Sr.No</b>	<b>Points raised in the public hearing</b>	<b>Compliance given during the public hearing</b>	<b>Actions actually taken on ground</b>
<b>1</b>	1. Shri Masurkar, Ex. president, Khopoli Municipal council opined that at present in the Khopoli and other nearby areas, while most of industries are facing market crises, the expansion proposed by the project proponent is definitely notable. He informed that we are not against the project, The local people desire development. Though expansion of the project will improve the socio-economic condition of the Region, the job opportunities be given to people residing in the vicinity of project especially youths. Shri Masurkar further informed that the people residing in the vicinity of the project fears that as this is chemical Industry, untoward incidence should not happened, Industry should take all the measures accordingly in the project; Some times the smell generated during the process fears them. He appealed project proponent to implement Environment Management Plan wholeheartedly. The Public Hearing committee asked company officials to give answer regarding the suggestions.	<p>Company officials informed that there are more than 70% people working in the project are residing near the vicinity of project. He informed that since the inception of the plant, the project proponents committed to keep clean environment and Environment Management plan is implemented wholeheartedly. The Sewage Treatment plant of the capacity of 41 CMD will be erected to treat the domestic effluent. The treated domestic effluent will be reused' The total industrial effluent generation will be 297 CMD' Presently the effluent from high TDS stream is being treated in existing MEE-I and then condensate of MEE-I and other streams from process are being treated in conventional 'ETP.</p> <p>After expansion total effluent will be treated by MEE (Proposed) followed by conventional 'ETP followed by MEE (Proposed followed by conventional ETP followed by RO and treated industrial effluent will be recycled in the process totally. He further informed that not a single drop of effluent will be generated outside the project, The project is Zero Liquid Discharge (ZLD), The project proponent further informed that the source of flue gas emission is from existing and additional industrial ,boiler and it will be released through stack having adequate stack height' The Noise levels in the manufacturing process are within the limits as specified' The project proponent has already prepared "Disaster Management Plan" Hence local people should not fear for the manufacturing process.</p>	<p>Proper ZLD system has been provided consisting of conventional ETP with primary , secondary and tertiary units followed by R.O and MEE unit.</p> <p>Photographs of the various units of the ETP viz., primary , secondary , tertiary, MEE and R.O are enclosed as <b>Annexure-A</b></p> <p>The company gives preference to the local people for employment in the company based on qualification and experience. As per the records we have provided employment to 91% local people.</p>
<b>2</b>	Shri v. Sunanda Reddy, an Environmentalist from Hyderabad	Company Officials informed that they are already implementing the various social development	Various CSR activities have been taken up since the public hearing was

	<p>suggested project proponent to collect Health Data of the of 10 k.m. of radius of the. project, data of crop pattern and ground water availability. It can be used as parameter. He suggested to implement rain water harvesting system, repair internal roads in the project with green drive at both the sides of road, to extend skilled development programmes to local youths, formation of coordination committee of local people, project proponent and State pollution control Board to implement very social development programme under CSR Fund, to teach job oriented courses to local people. The Public Hearing Committee informed him to give his suggestions in writing.</p>	<p>programmes since the inception of the plant in 1960. The project proponent has carried green plantation in and around the factory and more than 15.000 number of trees are planted and planned to double the same. He informed that the activities under CSR fund are important to them. The project proponent has already appointed a Medical officer, who will go to school to take medical checkup of students' The ambulance is always kept ready in the project premises and also made available to local people as and when required.</p>	<p>conducted. Photo of the CSR is available as <b>Annexure-B</b></p> <p>Photograph of the ambulance is also available which is always kept ready in the project premises and also made available to local people as and when required . The aforesaid photograph is enclosed as <b>Annexure-C</b></p>
3)	<p>Shri Raju Namdeo Hange, resident of mulgaon informed that the project proponent do carry the social development work in the vicinity from time to time. As there were no windows to the local small children school, the request by local people is immediately accepted by the project proponent and widows are fitted immediately. The services of ambulance are always made to needy people provided by the project officials.</p>	<p>The project proponent has made available the Medical Practitioner round-the-clock, He further informed that the local people are happy that the project proponent has planned its expansion. He wished success for expansion.</p>	<p>For information</p>
4)	<p>Shri H. Madhubabu, an Environmentalist from Hyderabad and president of Rural Environment Education &amp; Health Awareness Society (REEHAS) also gave his views in writing, As he was reading the suggestions, the public Hearing Committee remarked that the issues are already raised</p>	<p>----</p>	<p>----</p>

	by one V. Sunanda Reddy and hence repetition should be avoided, The public hearing committee directed him to give his suggestions in writing		
5)	Shri Sayyed Yusuf, resident of Mulgaon informed that he is local resident and he is also working in the unit since 1980. He said that the project proponent are implementing the Environment Management Plan and do carry social development activities from time to time.	Shri Sayyed Yusuf commended the Environment Management Plan & about development activities company is doing from time to time.	For information
6)	Shri Dilip Jadhav, resident of Mulgaon remarked that the project proponent do help the local school and do carry the social activities regularly. He further suggested that people residing the vicinity of the project should be given job opportunities.	Shri Dilip Jadhav, resident of Mulgaon remarked that the project proponent do help the local school and do carry the social activities regularly. He further suggested that people residing the vicinity of the project should be given job opportunities.	



**Photographs of the various units of the ETP viz., primary, secondary, tertiary, MEE and R.O**







CSR Photograph.



**Ambulance Photograph in Factory Premises**



## **Annexure –9**

# **Details of the ESR**



## Annexure VIII

### ESR Activity

Particulars	Actual Cost in Rs. Lacs	Brief Description of project	Distance of the work from Project Area	Status
Multiutility Toilet Block for Municipal Council	24.65	Multi utility toilet block construction for municipal council in the town which will be used by people in the market and commuters on the highway. This block will be maintained by municipal council.	1.7 km	Completed
Toilet Block at Mulgaon	11.32	Toilet block for villagers of Mulgaon which is in the vicinity of factory.	0.2 Km	Completed
Water Purifier & Cooler for Municipal Hospital	3.34	Water purifier with cooler to be installed in Municipal hospital premises which will be used by patients coming from rural areas. Also, it will be used by people in the surrounding market area.	2.6 Km	Completed
Faecal Sludge Treatment Plant 30KL (FSTP) for Municipal Council	19.82	Currently there is no treatment facility for the faecal sludge collected by Municipal Council. As requested by Municipal Council, we propose to install FSTP which will treat the faecal sludge collected from town.	3.5 Km	Completed
<b>Total</b>	<b>59.13</b>			

## **Annexure – 10**

# **Photograph of the acoustic enclosure**



DG Acoustic Enclosure 1000KVA



DG acoustic Enclosure for 1010 KVA

## **Annexure – 11**

**Form-7 from 3/8/2022  
onwards**

**(Form NO-07)**

**Innovassynth  
Technologies Limited**

Shri Ram Nagar, Khopoli, Raigad- 410203

HEALTH CHECK UP DONE ON  
**August, 03, 04 & 05, 2022**

BY

**Dr. Anita S. Tarlekar**  
M.D. (Med) A.F.I.H.

CERTIFYING SURGEON

**Shushrusha Occupational  
Industrial Health & Research  
Centre**

ADD Plot No 22-A, Phase-III, Palm Beach Road, Sec-06, Nerul, Navi Mumbai-400 706.  
Tel No : 9322297834, 9833327293. Email ID : shushrushaoccuhealth@gmail.com



(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114) **Innovassynth Technologies Limited****HEALTH REGISTER**

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): **Dr. Anita Tarteekar(M.D.,AFPH)**From: **03-08-2022**To: **04-08-2023**

Certifying Surgeon

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment at Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
1	0012	MR. K. ELMALAI	Male	57				V. P.		03-03-2022	Fit For Job				
2	0035	MR. KIRAN A. SONAWANE	Male	46				V. P.		04-03-2022	Fit For Job				
3	0036	MR. JYOTINDY SANTRA	Female	53				ANP		04-03-2022	Fit For Job				
4	0042	DR. MOBALLIGH AHMAD	Male	46				V. P.		04-03-2022	Fit For Job				
5	0043	MR. RAJ V. KIMBIKAR	Male	53				V. P.		04-03-2022	Fit For Job				
6	0044	MR. RAMASJERAMANI SHANMUGANATHAN	Male	40				V. P.		04-03-2022	Fit For Job				
7	1002	MR. SHASHIKANT K. PATEL	Male	58				SR. MANAGER		03-03-2022	Fit For Job				
8	1010	MR. VIJAY J. SURAGARE	Male	40				SR. MANAGER		03-03-2022	Fit For Job				
9	1012	MR. BHUSHAN N. SAWANT	Male	40				MANAGER		04-03-2022	Fit For Job				
10	1016	MR. RAJENDRA D. GAIKAWAD	Male	55				JOY. MANAGER		03-03-2022	Fit For Job				

डॉ. अनिता तारटेकर

कारखाने अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे रायगड जिल्हाकरिता ०२ डिसेंबर २०२०  
पर्यंत ०१ डिसेंबर २०२२ पर्यंत प्रविष्टीत प्रमाणक  
शतक विधीनियम क्र. ACS25AT/2016

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114) **Innovassynth Technologies Limited**

### HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): **Dr. Anita Tarlskar(M.D.,AFIH)**

From: **03-08-2022**

To: **04-08-2023**

Certifying Surgeon

From: \_\_\_\_\_ To: \_\_\_\_\_

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employe nt Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or byc product handled	Date Of medical Examination by surgeon and result of medical examination	Results Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
11	1109	MR. HANUMANT S. KADAM	Male	40				MANAGER		03-03-2022	Fit For Job				
12	1230	MR. AJAY K. PATIL	Male	47				EXECUTIVE		03-03-2022	Fit For Job				
13	1302	MR. PUNDLIK MADAP	Male	50				MANAGER		04-03-2022	Fit For Job				
14	1337	MR. VINOD V. KADAM	Male	40				DY. MANAGER		04-03-2022	Fit For Job				
15	1370	MR. SAMEER J. KADAM	Male	41				SRL MANAGER		03-03-2022	Fit For Job				
16	1512	MR. DINGJI B. DAKSHAN SINGH	Male	54				COMPUTER OPERATOR		05-03-2022	Fit For Job				
17	1519	MS. ARUNA S. THOMBARE	Female	37				DY. MANAGER		03-03-2022	Fit For Job				
18	1538	MR. ROHAN R. PATIL	Male	35				MANAGER		03-03-2022	Fit For Job				
19	1513	MR. ROHAN C. KSHIRSAGAR	Male	41				SRL OFFICER		03-03-2022	Fit For Job				
20	1605	MR. SUJAN V. MORE	Male	35				EXECUTIVE		05-03-2022	Fit For Job				

डॉ. अनिता तारळेकर

कारखाने अधिभोग १९२८ च्या कलम १० (२)  
प्रमाणे रावगड जिल्हास्थिता ०२ डिसेंबर २०२०  
पासून ०१ डिसेंबर २०२२ पर्यंत मासिक प्रमाणक  
माल्य विवेचितक रु. ACS25A17316





(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XII, XIV, XV, XVII, XVIII and XX Rule 114) **Innovassynth Technologies Limited****HEALTH REGISTER**

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): **Dr. Anita Terlekar (M.D., AITH)**From: **03-08-2022**To: **04-08-2023**

Certifying Surgeon

From: \_\_\_\_\_ To: \_\_\_\_\_

Sl. No.	Employee No.	Name of Worker	Sex	Age	Date Of Employment at Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupations	Raw Material or bye product handled	Date of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
21	1545	MS. SHILPA D. PATIL	Female	34				SR. OFFICER		03-08-2022	Fit For Job				
22	1675	MR. IMRAN J. SHAIKH	Male	35				P. S.		03-08-2022	Fit For Job				
23	1744	MR. SANJAY P. DALVI	Male	41				MANAGER		03-08-2022	Fit For Job				
24	1746	MR. PRITAM E. TIGHARE	Male	36				EXECUTIVE		04-08-2022	Fit For Job				
25	1725	MR. AJAY T. CHAUDHARI	Male	35				EXECUTIVE		03-08-2022	Fit For Job				
26	1757	MR. SANDESH D. PARDESHI	Male	41				DY. MANAGER		03-08-2022	Fit For Job				
27	1764	MR. SUTOG H. MIATNE	Male	36				EXECUTIVE		03-08-2022	Fit For Job				
28	1770	MR. BADAM D. RAMCHANDRA	Male	51				DY. MANAGER		03-08-2022	Fit For Job				
29	1773	MR. SUDESH H. JADHAV	Male	43				DY. MANAGER		05-08-2022	Fit For Job				
30	1778	MR. RAKESH K. PARMUR	Male	41				DY. MANAGER		05-08-2022	Fit For Job				

डॉ. अनिता तारकर

कारखाने अधिनियम १९४८ च्या कलम १० (२)

प्रमाणे रायगड जिल्हाकक्षी ०२ डिसेंबर २०२०

पावून ०१ डिसेंबर २०२२ पर्यंत माहिबुत प्रमाणक

माल्य पिलीसक क. ACSI25AT2016

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 11-4 Innovassynth Technologies Limited)

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarlekar (M.D., AFTH)

From: 03-08-2022

To: 04-08-2023

Certifying Surgeon

From: To

Sr. No	Employee No	Name of Worker	Sex	Age	Date Of Employment at present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or by-product handled	Date Of medical Examination by surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
31	1761	MS. SONAL C. PATIL	Female	30				EXECUTIVE		05-03-2022	Fit For Job				
32	1769	MR. ANIL L. MAHADIK	Male	30				SRL MANAGER		04-03-2022	Fit For Job				
33	1801	MR. AD. LINGE NIVNATH RAJARAM	Male	36				EXECUTIVE		03-03-2022	Fit For Job				
34	1819	MR. ANAND S. NEVAGEE	Male	35				EXECUTIVE		03-03-2022	Fit For Job				
35	1861	MR. SAGAR M. JADHAV	Male	34				P. S.		03-03-2022	Fit For Job				
36	1863	MR. PRASHANT R. AHER	Male	40				EXECUTIVE		04-03-2022	Fit For Job				
37	1867	MR. GAJENDRA G. SHINDE	Male	41				MANAGER		05-03-2022	Fit For Job				
38	1873	MR. MUKESH S. PATIL	Male	42				EXECUTIVE		03-03-2022	Fit For Job				
39	1804	MR. BHANESH D. KARANDE	Male	35				EXECUTIVE		04-03-2022	Fit For Job				
40	1924	MR. NARANKUMAR U. JADHAV	Male	31				SRL OFFICER		04-03-2022	Fit For Job				

डॉ. अनिता तारळेकर  
 कारखाने अधिनियम १९४८ च्या कलम १० (१)  
 प्रमाणे रावगड विस्तारकाला ०२ डिसेंबर २०२०  
 पासून ०१ डिसेंबर २०२२ पर्यंत प्रधिकृत प्रमाणक  
 शाल्य विकीलांक KACS25AT/2016



**HEALTH REGISTER**

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tardekar (M.D., AFRH)

From: 03-08-2022

To: 04-08-2023

Certifying Surgeon

From: To

Sr No	Employee No	Name of Worker	Sex	Age	Date Of Employment or present work	Date Of leaving or transfer to other work	Reason for leaving or transfer or discharge	Nature of job or occupation	Raw Material or by product handled	Dates Of medical examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
41	1917	MR. PARAG B. PATIL	Male	31				EXECUTIVE		04-03-2022	Fit For Job				
42	1913	MR. KALPESH D. BHOSALE	Male	30				SR. OFFICER		05-03-2022	Fit For Job				
43	1917	MR. ASHUTOSH NISHITHA	Male	31				EXECUTIVE		05-03-2022	Fit For Job				
44	1912	MR. PRAVIN H. MALLI	Male	28				SR. OFFICER		04-03-2022	Fit For Job				
45	1915	MS. SUDATA V. NAJIK	Female	36				DEPARTMENT MANAGER		05-03-2022	Fit For Job				
46	2000	MR. VASUGADEV R. BABAN	Male	50				DY. MANAGER		03-03-2022	Fit For Job				
47	2018	MR. MAHESH S. HARPLUDE	Male	38				EXECUTIVE		03-03-2022	Fit For Job				
48	2010	MR. KIRAN B. JAGANN	Male	40				OFFICER		04-03-2022	Fit For Job				
49	2011	MR. ANIL A. YORASE	Male	29				TEAM LEADER		03-03-2022	Fit For Job				
50	2012	MR. MAYUR A. MORE	Male	21				SR. OFFICER		04-03-2022	Fit For Job				

डॉ. अनिता तारदेकर  
कार्यालये अभिनियम १९४८ च्या कलम १० (२)  
प्रमाणे राखण्ड विलक्षणता ०२ डिसेंबर २०२०  
पासून ०१ डिसेंबर २०२२ पर्यंत प्राधिकृत प्रमाणक  
मातृ विवेकसक अ. ACS25AT/2016



(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114 Innovassynth Technologies Limited

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anila Tarikar (M.D., AFTH)

From: 03-06-2022 To: 04-08-2023

Certifying Surgeon

From: To

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment at Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
51	2048	MR. MAJIDUM S. SUBHASH	Male	29				EXECUTIVE		05-03-2022	Fit For Job				
52	2049	MR. SUNIL B. GADGE	Male	37				EXECUTIVE		04-03-2022	Fit For Job				
53	2050	MR. PRASHANT V. JOSHI	Male	30				EXECUTIVE		05-03-2022	Fit For Job				
54	2051	MR. RAKESH K. GHADAT	Male	26				SR. OFFICER		05-03-2022	Fit For Job				
55	2052	MR. ASH D. HUNE	Male	31				EXECUTIVE		05-03-2022	Fit For Job				
56	2053	MR. AMOL B. TAPKIR	Male	33				SR. OFFICER		03-03-2022	Fit For Job				
57	2054	MR. ANKUSH R. CHAVAN	Male	54				EXECUTIVE		03-03-2022	Fit For Job				
58	2055	MR. RAJENDRA R. PATIL	Male	43				EXECUTIVE		04-03-2022	Fit For Job				
59	2056	MR. MANOJ P. PATIL	Male	32				OFFICER		03-03-2022	Fit For Job				
60	2057	MR. NARAYAN P. BELE	Male	46				EXECUTIVE		03-03-2022	Fit For Job				

डॉ. अनिता तारिकर

कारखाने अधिनियम १९४८ च्या कलम १० (१)

प्रमाणे सांगण्ड सिलबडकालिता ०२ डिसेंबर २०२०

मरुतुन ०१ डिसेंबर २०२२ पर्यंत प्राधिकृत प्रमाणक

शाल्य चिकीत्सक डॉ. ACSJ5AT/2016

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114) **Innovassynth Technologies Limited****HEALTH REGISTER**

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): **Dr. Anita Tarlekar (M.D., APH)**From: **03-08-2022**To: **04-08-2023**

Certifying Surgeon

From:

To:

Sr No	Employee No	Name of Worker	Sex	Age	Date Of Employment at or present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
61	2019	MR. SACHIN J. JANBANDHU	Male	34				SR. OFFICER		04-03-2022	Fit For Job				
62	2081	MR. MAYUR ZUNJARAO	Male	34				EXECUTIVE		03-03-2022	Fit For Job				
63	2064	MR. SUSHANT S. PATIL	Male	32				SR. OFFICER		03-03-2022	Fit For Job				
64	2069	MR. NEERAJ N. YADAV	Male	29				SR. OFFICER		04-03-2022	Fit For Job				
65	2062	MR. BHARAT S. MEHETAR	Male	33				SR. OFFICER		05-03-2022	Fit For Job				
66	2109	MR. VAIBHAV B. SURYAWANSHI	Male	28				SCIENTIST		04-03-2022	Fit For Job				
67	2127	MR. SIDHARTH A. PATIL	Male	39				SR. OFFICER		04-03-2022	Fit For Job				
68	2131	MR. NITIN B. SALLUNKHE	Male	33				EXECUTIVE		05-03-2022	Fit For Job				
69	2134	MS. PANCHYARATI B. SURYAWANSHI	Female	30				EXECUTIVE		05-03-2022	Fit For Job				
70	2141	MR. HARESH CHANDRA G. PATIL	Male	32				SR. OFFICER		05-03-2022	Fit For Job				

डॉ. अनिता तारलेकर

कारखाने अधिनियम 1947 या कलम 80 (2)

प्रमाणे राखण्ड जिल्हाप्रकृति 02 डिसेंबर 2020

पसून 01 डिसेंबर 2022 पर्यंत प्रमाणित प्रमाणक

राज्य चिकित्सक क. ACS25AT0016



(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114 Innovassynth Technologies Limited

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarlekar(M.B.,BPH)  
Certifying Surgeon

From: 03-08-2022 To: 04-08-2023

From: To:

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment at present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date Of medical examination by certifying surgeon and result of medical examination	Result Of Medical Examination - Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
71	2144	MS. ASHWINI A. BANDAAL	Female	27				SR. SCIENTIST GRADE -A		04-03-2022	Fit For Job				
72	2114	MS. PRIYANKA S. THORAT	Female	27				SCIENTIST GRADE -A		04-03-2022	Fit For Job				
73	2115	MS. MAYA R. SHINDE	Female	28				SR. SCIENTIST GRADE -A		04-03-2022	Fit For Job				
74	2117	MS. AYESHA G. MULLA	Female	28				SCIENTIST GRADE -A		03-03-2022	Fit For Job				
75	2165	MR. ANIL K. CHINDE	Male	43				P. S.		04-03-2022	Fit For Job				
76	2166	MR. VAIBHAV P. NAGAPURCAR	Male	29				SR. OFFICER		04-03-2022	Fit For Job				
77	2173	MR. SAJJID L. PINJARI	Male	37				P. S.		04-03-2022	Fit For Job				
78	2191	MR. KETAN C. PATIL	Male	26				OFFICER		03-03-2022	Fit For Job				
79	2203	MS. SHITAL G. SHINDE	Female	27				SCIENTIST GRADE		03-03-2022	Fit For Job				
80	2209	MR. PRANAY . PATIL	Male	32				OFFICER		04-03-2022	Fit For Job				

डॉ. अनिता तारलेकर  
कारखाने अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे रायगड जिल्हाकारिता ०२ डिसेंबर २०२०  
पासून ०१ डिसेंबर २०२२ पर्यंत प्राधिकृत इम्युनक  
हल्य विकीत्सक रु ACS:JAT7016

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 11-4) **Innovassynth Technologies Limited**

### HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Terlekar (M.D., AFTH)






From: 03-08-2022

To: 04-08-2023

Certifying Surgeon

From: \_\_\_\_\_

To: \_\_\_\_\_

Sl No	Employee No	Name of Worker	Sex	Age	Date Of Employment	Date Of leaving or transfer to other work	Reason for leaving or transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical examination by surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
81	2213	MR. SURAJ D. CHAUDHARI	Male	28				OFFICER		04-03-2022	Fit For Job				
82	2211	MR. AKSHAY L. DHUMAL	Male	31				TEAM LEADER		03-03-2022	Fit For Job				
83	2215	MR. ATUL SUJESH SAWANT	Male	26				OFFICER		03-03-2022	Fit For Job				
84	2213	MS. PRIYA C. INGALE	Female	26				OFFICER		05-03-2022	Fit For Job				
85	2218	MR. MAYUR S. PATIL	Male	31				SRL OFFICER		04-03-2022	Fit For Job				
86	2214	MR. LAXMIKANT RHANE	Male	53				DEPARTMENT MANAGER		05-03-2022	Fit For Job				
87	2216	MR. DATTATRAY N. SURVASE	Male	38				MANAGER		05-03-2022	Fit For Job				
88	2217	MR. AKSHAY S. AMBANE	Male	28				SRL MANAGER		03-03-2022	Fit For Job				
89	2212	MS. ISHANIKA S. DESAI	Female	28				SCIENTIST GRADE A		03-03-2022	Fit For Job				
90	2213	MR. BALAJI SANDEEP NARUTE	Male	41				OFFICER		03-03-2022	Fit For Job				

डॉ. अनिता तारळेकर  
कारखाने अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे शरणागड विल्दाकल्ला ०२ डिसेंबर २०२०  
घातुन ०१ डिसेंबर २०२२ पर्यंत प्रमाणित प्रमाणक  
शस्त्र चिकीत्सक ४.ACS:5AT/2018



(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114) **Innovassynth Technologies Limited****HEALTH REGISTER**

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarlekar(M.D.,AFTH)

From: 03-08-2022 To: 04-08-2023

Certifying Surgeon

From: To:

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment at present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date Of medical examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
91	22-4	MR. AJHARUDDIN T. BHARDAR	Male	34				DY. MANAGER		04-03-2022	Fit For Job				
92	22-5	MR. ANIL S. SOMWANSHI	Male	51				DY. MANAGER		05-03-2022	Fit For Job				
93	22-9	MR. TAKSHAK S. SALLUNKE	Male	36				TEAM LEADER		04-03-2022	Fit For Job				
94	22-0	MR. SUNIL M. TELE	Male	21				SR. SCIENTIST GRADE -A		04-03-2022	Fit For Job				
95	22-3	MR. ANKUSH H. SHED	Male	29				OFFICER		03-03-2022	Fit For Job				
96	22-6	MR. SANDHIT K. MURILKAR	Male	21				EXECUTIVE		04-03-2022	Fit For Job				
97	22-9	MR. RAJESH N. THORAT	Male	36				DY. MANAGER		03-03-2022	Fit For Job				
98	22-3	MR. VISHAL S. GUNDA	Male	36				SR. OFFICER		04-03-2022	Fit For Job				
99	22-4	MR. RAJARAM DIVEKAR	Male	51				SR. OFFICER		03-03-2022	Fit For Job				
100	22-5	MR. SIDHARTH P. RANE	Male	41				P. S.		03-03-2022	Fit For Job				

डॉ. अनिता तारलेकर  
 कारखाने अधिनियम १९४८ च्या कलम १० (२)  
 प्रमाणे सयापड जिल्हाकारिता ०२ डिसेंबर २०२०  
 वाचून ०१ डिसेंबर २०२२ पर्यंत मान्यता प्राप्त प्रमाणक  
 राज्य चिकीत्सक #ACSJ5472016

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 11.4 **Innovassynth Technologies Limited**)**HEALTH REGISTER**

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): **Dr. Ailtha Tardekar (M.D., AFM)**From: **03-08-2022**To: **04-08-2023**

Certifying Surgeon

From: \_\_\_\_\_ To: \_\_\_\_\_

Sr No	Employee No	Name of Worker	Sex	Age	Date Of Employment or present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
101	2276	MR. KUNAL H. MHATRE	Male	33				SR. OFFICER		05-03-2022	Fit For Job				
102	2278	MR. SANDAY A. BHOSALE	Male	30				SCIENTIST GRADE A		03-03-2022	Fit For Job				
103	2279	MR. IRAMOD S. TAMBADE	Male	34				OFFICER		03-03-2022	Fit For Job				
104	2283	MR. ANKUR A. KOKATE	Male	20				OFFICER		03-03-2022	Fit For Job				
105	2291	MR. ROHAN S. GAWAND	Male	30				SR. OFFICER		03-03-2022	Fit For Job				
106	2294	MR. PRASHANT V. BHOR	Male	30				SR. OFFICER		05-03-2022	Fit For Job				
107	2295	MR. AVISHKAI N. BHOR	Male	29				SR. OFFICER		03-03-2022	Fit For Job				
108	2297	MR. BABU A. THOMBARE	Male	30				EXECUTIVE		03-03-2022	Fit For Job				
109	2300	MR. NISHANT V. AVARE	Male	43				A.G.M		04-03-2022	Fit For Job				
110	2301	MR. DILIP B. KUDNAR	Male	31				SCIENTIST GRADE A		04-03-2022	Fit For Job				

डॉ. अनिता तारदेकर  
 कारखाने अधिनियम १९४८ च्या कलम १० (२)  
 प्रमाणे राजपद सिल्लाकरीता ०२ डिसेंबर २०२०  
 पर्यंत ०१ डिसेंबर २०२२ पर्यंत प्रमाणित प्रमाणक  
 राज्य चिकीत्सक डॉ. ACS/SA/2019/6



## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarkant(M.D.,AFH)

From: 03-08-2022

To 04-08-2023

Certifying Surgeon

From: To

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment or present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
111	23x5	MR. SACHIN V. PAWAR	Male	26				SCIENTIST GRADE A		03-03-2022	Fit For Job				
112	23i1	MR. MANJING R. GIRASE	Male	42				DY. MANAGER		04-03-2022	Fit For Job				
113	23i2	MR. SAHIL S. GHOSALKAR	Male	26				SR. OFFICER		03-03-2022	Fit For Job				
114	23i8	MR. GOPI RANGAMATHAN	Male	40				GPS		05-03-2022	Fit For Job				
115	23i9	MR. SANDIP R. SODHAR	Male	25				SCIENTIST GRADE A		03-03-2022	Fit For Job				
116	23i6	MR. HEMANT S. BHIRUD	Male	40				P. S.		03-03-2022	Fit For Job				
117	23i9	MR. SHARIX S. KAROL	Male	20				SR. OFFICER		04-03-2022	Fit For Job				
118	23i2	MR. UMESH U. GHADGE	Male	30				SR. OFFICER		04-03-2022	Fit For Job				
119	23i7	MR. ASHDEET APPA DHANAWADE	Male	46				DY. MANAGER		05-03-2022	Fit For Job				
120	239i	MS. SONAM N. BHOSALE	Female	27				SCIENTIST GRADE A		03-03-2022	Fit For Job				

डॉ. अनिता तारकेकर

कारखाने अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे रायगड जिल्हाकारिता ०२ डिसेंबर २०२०  
पासून ०१ डिसेंबर २०२२ पर्यंत प्राधिकृत प्रमाणक  
राज्य पिबीएसक अ.१८२२५१/२०१६

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 11.4 **Innovassynth Technologies Limited**)

### HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): **Dr. Anita Tarteekar(M.D.,AFH)**

From: **03-08-2022** To: **04-08-2023**

Certifying Surgeon

From: To

Sr No	Employee No	Name of Worker	Sex	Age	Date Of Employment of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical examination by surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
121	2345	MR. GANESH N. GAIKWAD	Male	27				SCIENTIST GRADE A		04-03-2022	Fit For Job				
122	2348	MR. PRASHANT POTDODHE	Male	31				OFFICER		05-03-2022	Fit For Job				
123	2349	MS. JAGRUTI N. PATIL	Female	29				SCIENTIST GRADE A		03-03-2022	Fit For Job				
124	2352	MR. KIRAN S. ETHAPE	Male	29				SCIENTIST		04-03-2022	Fit For Job				
125	2360	MR. MADANLAL S. KOLI	Male	38				EXECUTIVE		03-03-2022	Fit For Job				
126	2361	MR. CHANDRAKANT D. SONAWALE	Male	45				SR. MANAGER		04-03-2022	Fit For Job				
127	2366	MR. NITHIN M. GHARAT	Male	34				EXECUTIVE		05-03-2022	Fit For Job				
128	2372	MR. KISHOR G. BORADE	Male	39				P. S.		03-03-2022	Fit For Job				
129	2373	MR. KAPIL V. JAGHAV	Male	36				SR. OFFICER		04-03-2022	Fit For Job				
130	2378	MR. SHEKRAM T. MORE	Male	40				SR. MANAGER		04-03-2022	Fit For Job				

डॉ. अनिता तारतेकर  
जारीकृत अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे रोगाड वितरकाकरीता ०२ डिसेंबर २०२०  
पासून ०१ डिसेंबर २०२२ पर्यंत बाधित प्रमाणक  
स्वास्थ्य चिकित्सक डा. ACS/2021/6



(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVI, XVII and XX Rule 114-Innovassynth Technologies Limited)

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anil Tarfekar (M.D., AFTH)

From: 03-08-2022

To: 04-08-2023

Certifying Surgeon

From:

To:

Sl. No	Employee No	Name of Worker	Sex	Age	Date Of Employment at Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or by product handled	Date of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
131	2389	MR. ANIKET S. DEBE	Male	27				EXECUTIVE		03-03-2022	Fit For Job				
132	2390	MR. SAKIB S. GADKARI	Male	25				SCIENTIST GRADE -B		04-03-2022	Fit For Job				
133	2391	MR. AMMAR A. MUKADAM	Male	26				OFFICER		05-03-2022	Fit For Job				
134	2392	MR. VIDAY L. GADYANHE	Male	34				TEAM LEADER		03-03-2022	Fit For Job				
135	2395	MS. POOJA A. PANWAR	Female	27				SCIENTIST GRADE -B		04-03-2022	Fit For Job				
136	2396	MR. SWAPNIL S. BATE	Male	27				OFFICER		04-03-2022	Fit For Job				
137	2399	MR. HARISH F. PATIL	Male	20				OFFICER		04-03-2022	Fit For Job				
138	2404	MR. SACHIN C. SHINDE	Male	27				OFFICER		04-03-2022	Fit For Job				
139	2405	MR. RUSHIKESH R. KHARWALE	Male	32				OFFICER		05-03-2022	Fit For Job				
140	2408	MR. DIGVADY V. CHOUGLE	Male	26				SCIENTIST GRADE A		03-03-2022	Fit For Job				

डॉ. अनिता तारवेकर

राखण अतिथिदिन १९४८ या कल्प १० (२)

प्रमाण रयगड विस्वाकारिता ०२ डिसेंबर २०२०

पासून ०१ डिसेंबर २०२२ पर्यंत प्रामाणिक प्रमाणक

राज्य विनोदक क. ACS25AT/2016

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tardekar (M.D., AFIH)

From: 03-08-2022

To: 04-08-2023

Certifying Surgeon

From:

To:

Sl. No.	Employee No.	Name of Worker	Sex	Age	Date Of Employment at present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates of medical examination by surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
141	2412	MR. VILAS GAIKAWAD	Male	26				SRL OFFICER		04-03-2022	Fit For Job				
142	2414	MR. RAHUL G. PATANKAR	Male	27				R. A.		04-03-2022	Fit For Job				
143	2416	MR. ROHIT N. SAWANT	Male	26				JRL R. A.		04-03-2022	Fit For Job				
144	2418	MR. PRAJWAL B. PATEL	Male	24				JRL R. A.		03-03-2022	Fit For Job				
145	2420	MR. MOHAMAD SAFI BAOI	Male	29				SRL SCIENTIST		03-03-2022	Fit For Job				
146	2421	MS. DHANASHREE S. SHAHANE	Female	27				SCIENTIST GRADE -B		04-03-2022	Fit For Job				
147	2422	MR. DAYANAND A. CHIMANE	Male	31				SCIENTIST GRADE -B		03-03-2022	Fit For Job				
148	2424	MS. SHITAL G. RANKHAMB	Female	26				SRL R. A.		03-03-2022	Fit For Job				
149	2427	MR. SANDAY E. CHAUDHARI	Male	25				OFFICER		03-03-2022	Fit For Job				
150	2428	MR. DADASO D. MOTTE	Male	29				OFFICER		04-03-2022	Fit For Job				

डॉ. अनिता तारदेकर  
कारखाने अधिनियम १९४८ च्या कलम १० (१)  
प्रमाणित सिलबामुद्रित ०२ दिसेंबर २०२०  
पावून ०१ दिसेंबर २०२२ पर्यंत अधिकृत प्रमाणक  
राज्य शिकित्साक म. ACS/5AT/2016



# HEALTH REGISTER

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114 Innovassynth Technologies Limited)

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarlekar (M.D., AFPH)

From: 03-08-2022 To: 04-08-2023

Certifying Surgeon

Sr No	Employee No	Name of Worker	Sex	Age	Date Of Employment	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date of medical Examination by surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
151	2401	MR. VISHAL S. KATU	Male	31				OFFICER		04-08-2022	Fit For Job				
152	2404	MR. PREM KUMAR	Male	25				OFFICER		03-01-2022	Fit For Job				
153	2405	MR. ADINATH B. KANAWADE	Male	25				SR. ASSOCIATE		03-01-2022	Fit For Job				
154	2406	MR. SHEVAJI K. VASTE	Male	25				SR. R. A.		04-01-2022	Fit For Job				
155	2407	MR. ABHILASH J. BORADE	Male	26				R. A.		04-01-2022	Fit For Job				
156	2408	MR. VISHAL C. THURE	Male	26				SR. R. A.		03-01-2022	Fit For Job				
157	2409	MR. ABHILASH B. BHAGWAT	Male	25				SR. R. A.		04-01-2022	Fit For Job				
158	2411	MR. SHUBHAM G. PARNALE	Male	26				SR. R. A.		04-01-2022	Fit For Job				
159	2413	MR. MOHAN T. P.	Male	53				DGM		04-01-2022	Fit For Job				
160	2414	MR. VIDYAS S. KANAWADE	Male	21				SR. OFFICER		05-01-2022	Fit For Job				

डॉ. अनिता तारलेकर  
सारखाने अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे समगड जिल्हावास्तवता नं० दिनेकर २०२०  
प्रमाणे ०१ दिनेकर २०२२ पर्यंत प्राधिकृत प्रमाणक  
शासक विभागातक क. ACP/SKAT0016

## FORM NO. 7

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 11.4) **Innovassynth Technologies Limited**

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Terlekar(M.D.,AFPH)

From: 03-08-2022 To: 04-08-2023

Certifying Surgeon

Sr/No	Employee No	Name of Worker	Sex	Age	Date Of Employment at Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
161	2445	MR. RAVIRAO J. SAWANT	Male	25				OFFICER		03-03-2022	Fit For Job				
162	2448	MR. SACHIN F. DESHMUKH	Male	37				SR. OFFICER		04-03-2022	Fit For Job				
163	2449	MR. GANESH T. PEDATE	Male	33				SR. OFFICER		03-03-2022	Fit For Job				
164	2450	MS. SWAPNALI V. PARANGE	Female	24				J.R. A.		03-03-2022	Fit For Job				
165	2452	MR. NIKHIL C. KASHED	Male	20				SR. OFFICER		03-03-2022	Fit For Job				
166	2463	MR. VISHAL A. KADAM	Male	25				SR. R. A.		04-03-2022	Fit For Job				
167	2455	MR. PRALAY K. NANDAL	Male	20				OFFICER		03-03-2022	Fit For Job				
168	2458	MR. NILESH S. POL	Male	30				OFFICER		05-03-2022	Fit For Job				
169	2460	MR. PRASAD H. HULWAN	Male	30				SR. OFFICER		04-03-2022	Fit For Job				
170	2461	MR. SANJAY S. KOLI	Male	30				MANAGER		04-03-2022	Fit For Job				

डॉ. अनिता तारकर  
कारखाने अधीनस्थ १९४८ व्हा ब्लॉक १० (२)  
प्रमाणित राखण्ड लिखाणासाठी ०२ डिसेंबर २०२०  
पावून ०१ डिसेंबर २०२२ पर्यंत प्रमाणित प्रमाणित  
सत्य प्रमाणित क. A/CST/AT/2018



(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 11-4) **Innovassynth Technologies Limited**

**HEALTH REGISTER**

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): **Dr. Anita Tarlekar (M.D., FRCR)**

From: **03-08-2022** To: **04-08-2023**

Certifying Surgeon

From: \_\_\_\_\_ To: \_\_\_\_\_

Sr No	Employee No	Name of Worker	Sex	Age	Date of Employment of present work	Date of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or type product handled	Date of medical examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
171	2462	MRL SAGAR S. BHURE	Male	31				OFFICER		03-08-2022	Fit For Job				
172	2464	MRL PRAMOD R. BHOIR	Male	26				OFFICER		03-08-2022	Fit For Job				
173	2465	MRL SHAMAJI T. PAMAR	Male	32				TESTER		05-08-2022	Fit For Job				
174	2471	MRL VIPUL S. MORE	Male	34				SR. OFFICER		03-08-2022	Fit For Job				
175	2473	MRL SWAPNIL B. KANGUDE	Male	24				OFFICER		04-08-2022	Fit For Job				
176	2474	MRL TEJAS D. MESAL	Male	25				OFFICER		05-08-2022	Fit For Job				
177	2476	MRL AKASH V. NARLITE	Male	24				SR. R. A.		03-08-2022	Fit For Job				
178	2477	MRL VITTHAL D. GOPHANE	Male	32				EXECUTIVE		03-08-2022	Fit For Job				
179	2478	MRL SUMIT S. JAGHAV	Male	30				SR. OFFICER		03-08-2022	Fit For Job				
180	2480	MRL PANKAJ S. CHAVAN	Male	27				OFFICER		04-08-2022	Fit For Job				

डॉ. अनिता तारलेकर  
कारखाने अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे सापगर्द विल्याक्रीता ०२ डिसेंबर २०२०  
पासून ०१ डिसेंबर २०२२ पर्यंत प्रयुक्त प्रमाणक  
सत्यापन प्रमाणक क्र. ACS25AT/2016

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarlekar(M.D.,AFIN)

From: 03-08-2022

To: 04-08-2023

Certifying Surgeon

From: To

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employe at Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date of medical Examination by surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Clarified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
181	2463	MR. SWAPNIL S. MOHITE	Male	34				OFFICER		04-03-2022	Fit For Job				
182	2466	MR. VIRSAM F. GHUGARE	Male	30				SR. OFFICER		05-03-2022	Fit For Job				
183	2466	MR. SHRIHAR P. TIKONE	Male	25				OFFICER		03-03-2022	Fit For Job				
184	2461	MR. KESHAV S. KAWADE	Male	29				SR. OFFICER		03-03-2022	Fit For Job				
185	2462	MR. AMOL R. KOLSE	Male	24				R. A.		04-03-2022	Fit For Job				
186	2465	MR. KIRAN R. SHEKE	Male	28				OFFICER		04-03-2022	Fit For Job				
187	2466	MR. SHUBHAM S. RULZELE	Male	27				OFFICER		04-03-2022	Fit For Job				
188	2468	MR. GANESH A. MUNICHE	Male	30				OFFICER		04-03-2022	Fit For Job				
189	2469	MR. SAGAR C. PANDET	Male	33				SR. OFFICER		04-03-2022	Fit For Job				
190	2501	MR. VIJAY A. SUTAR	Male	29				OFFICER		05-03-2022	Fit For Job				

Dr. Anita Tarlekar

कारखाने अधिनियम १९४८ च्या कलम १० (१)  
अन्वये राखणद जिल्हाकलित ०२ डिसेंबर २०२०  
वाचून ०१ डिसेंबर २०२२ पर्यंत प्रतिकृत प्रमाणक  
राखणद जिल्हाकलित ०२ डिसेंबर २०२२



## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): **Dr. Anita Tartekar(M.D.,AFPH)**  
Certifying Surgeon

From: **03-08-2022** To: **04-08-2023**

From: \_\_\_\_\_ To: \_\_\_\_\_

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment at Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date Of medical examination by certifying surgeon and result of medical examination	Result Of Medical Examination physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
191	2502	MR. SHRINATH K. GHULE	Male	20				SR. OFFICER		03-03-2022	Fit For Job				
192	2506	MR. R.P. NEKAM	Male	24				OFFICER		04-03-2022	Fit For Job				
193	2510	MR. VISHAL V. KANK	Male	26				SR. OFFICER		04-03-2022	Fit For Job				
194	2514	MR. MANGESH A. GHOLAP	Male	32				SR. OFFICER		04-03-2022	Fit For Job				
195	2515	MR. MANGESH Y. VISRUITE	Male	31				SR. OFFICER		04-03-2022	Fit For Job				
196	2519	MR. RAHUL TRIPATHI	Male	30				EXECUTIVE		03-03-2022	Fit For Job				
197	2520	MR. YOGENDRA K. VERMA	Male	30				SR. MANAGER		05-03-2022	Fit For Job				
198	2522	MR. SUSHANT R. PATIL	Male	29				SR. OFFICER		03-03-2022	Fit For Job				
199	2523	MR. BABASAHEB C. BHOGE	Male	24				R. A.		03-03-2022	Fit For Job				
200	2525	MR. ANIKET A. KARNIK	Male	24				OFFICER		05-03-2022	Fit For Job				

डॉ. अनिता तारकर  
कारखाने अधिनियम १९४८ ब्या कलम १० (२)  
प्रमाणे योग्य गड जिल्हाधरिता ०२ डिसेंबर २०२०  
पासून ०१ डिसेंबर २०२२ पर्यंत अधिकृत प्रमाणक  
राज्य चिकीत्सक क्र. JCS/5672015

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XII, XIV, XV, XVII, XVIII and XX Rule 11-4) **Innovassynth Technologies Limited****HEALTH REGISTER**

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): **Dr. Anita Tarkkar (M.D., AFIH)**From: **03-08-2022** To: **04-08-2023**

Certifying Surgeon

From: \_\_\_\_\_ To: \_\_\_\_\_

Srl No	Employee No	Name of Worker	Sex	Age	Date of Employment at present work	Date of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date of medical examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
201	25-5	MR. BALASUB S. TARANGE	Male	26				OFFICER		04-03-2022	Fit For Job				
202	25-30	MR. GURAV D. DHODARE	Male	27				SRL OFFICER		04-03-2022	Fit For Job				
203	25-31	MR. PRASHANT S. POMPALKAR	Male	21				SRL OFFICER		04-03-2022	Fit For Job				
204	25-37	MR. OMKAR V. SAWARDEKAR	Male	24				OFFICER		04-03-2022	Fit For Job				
205	25-38	MR. MOHIT SALKE	Male	24				OFFICER		04-03-2022	Fit For Job				
206	25-39	MR. TUSHAR R. KATORIE	Male	21				OFFICER		04-03-2022	Fit For Job				
207	25-40	MR. DAPSHAN S. PATIL	Male	24				OFFICER		05-03-2022	Fit For Job				
208	25-41	MR. OMKAR V. RAYBARK	Male	26				OFFICER		05-03-2022	Fit For Job				
209	25-43	MR. BRUSHMAN S. PATIL	Male	24				OFFICER		03-03-2022	Fit For Job				
210	25-49	MR. PRITISH PATIL	Male	21				OFFICER		05-03-2022	Fit For Job				

डॉ. अनिता तारकर  
कारखाने अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे योग्यता प्रमाणित ०२ सितंबर २०२०  
पर्यंत ०२ सितंबर २०२२ पर्यंत अधिकृत प्रमाणित  
मान्य चिकित्सक BACS/SAT/2016



(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 11-4) **Innovassynth Technologies Limited****HEALTH REGISTER**

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): **Dr. Anita Tarlekar(M.B.,B.S.,M.D.)**From: **03-08-2022** To: **04-08-2023**

Certifying Surgeon

From: \_\_\_\_\_ To: \_\_\_\_\_

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment of present work	Date of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates of medical examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
211	2552	MS. NAMITA D. MORE	Female	33				SCIENTIST GRADE A		04-03-2022	Fit For Job				
212	2555	MS. DNYA GEPI	Female	35				MANAGER		03-03-2022	Fit For Job				
213	2553	MR. PRANOD R. SHARMA	Male	32				DT. MANAGER		03-03-2022	Fit For Job				
214	2554	MR. AKSHAY S. DANE	Male	24				SR. R. A.		04-03-2022	Fit For Job				
215	3003	MR. SANDAY C. ATTARDE	Male	51				ASST. FOREMAN		05-03-2022	Fit For Job				
216	3006	MR. AKTHEAL BEDEKAR	Male	52				FITTER		03-03-2022	Fit For Job				
217	3017	MR. NANOUPHAR DEORUNIKAR	Male	51				LAB TECH.		04-03-2022	Fit For Job				
218	3018	MR. AMIL B. DESAI	Male	49				OPERATOR		05-03-2022	Fit For Job				
219	3015	MR. JAGAN H. DESHMUKH	Male	56				OPERATOR		05-03-2022	Fit For Job				
220	3029	MR. VITTHAL A. DESHMUKH	Male	55				ASST. FOREMAN		03-03-2022	Fit For Job				

डॉ. अनिता तारलेकर  
 कार्यालय अधिनियम १९४८ च्या कलम १० (२)  
 प्रमाणित दिव्यावधि ०२ दिवसेर २०२०  
 पावून ०१ दिवसेर २०२२ पर्यंत प्रमाणित प्रमाणक  
 शालीन विद्यार्थी क. AACSAT72012

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XII, XIV, XV, XVI, XVII, XVIII and XX Rule 11.4) **Innovassynth Technologies Limited****HEALTH REGISTER**

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): **Dr. Anita Tarlekar (M.D., AFTH)**From: **03-08-2022** To: **04-08-2023**

Certifying Surgeon

From: \_\_\_\_\_ To: \_\_\_\_\_

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment at Of present work	Date Of leaving or transfer to other work	Réason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty or with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
221	3032	MR. DHAMI Y. NANDAN SINGH	Male	51				OPERATOR		03-03-2022	Fit For Job				
222	3033	MR. SUMIL P. DHANAWADE	Male	51				Operator		03-03-2022	Fit For Job				
223	3038	MR. VIJAY G. GARKHAD	Male	58				ELECTRICIAN		05-03-2022	Fit For Job				
224	3039	MR. SHATARAM N. GAVASKAR	Male	57				ELECTRICIAN		04-03-2022	Fit For Job				
225	3013	MR. DILIP JACHAV	Male	51				FOREMAN		03-03-2022	Fit For Job				
226	3059	MR. MARUTI H. KADAM	Male	49				OPERATOR		05-03-2022	Fit For Job				
227	3060	MR. SANDAY N. KADAM	Male	44				OPERATOR		05-03-2022	Fit For Job				
228	3067	MR. RAPIQ D. KHOSKAR	Male	54				OPERATOR		03-03-2022	Fit For Job				
229	3068	MR. ASHIN S. KHARVE	Male	54				OPERATOR		03-03-2022	Fit For Job				
230	3077	MR. HANUMANT B. MALI	Male	60				FITTER		04-03-2022	Fit For Job				

डॉ. अनिता तारलेकर  
कार्यालये अधिनियम १९४८ या कलम १० (२)  
प्रमाणे वायव्य दिक्काजलेला ०२ डिसेंबर २०२०  
पर्यंत ०१ डिसेंबर २०२२ पर्यंत प्रविष्टित इमाचक  
राज्य विद्युत्तक डी.एस.एम.२०१८



(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XII, XIV, XV, XVII, XVIII and XX Rule 11-4 **Innovassynth Technologies Limited**)**HEALTH REGISTER**

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): **Dr. Anita Tarlekar (M.D., AFIM)**From: **03-08-2022** To: **03-08-2023**

Certifying Surgeon

From: To

Srl No	Employee No	Name of Worker	Sex	Age	Date of Employment of present work	Date of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
231	3019	MR. LALASAMJIB G. MANE	Male	54				HELPER		05-01-2022	Fit For Job				
232	3084	MR. SHRIKANT MORE	Male	54				ASST. FOREMAN		05-01-2022	Fit For Job				
233	3046	MR. KASHINATH M. PAVAR	Male	51				TECHNICIAN		05-01-2022	Fit For Job				
234	3100	MR. MANOHAR S. RASKAR	Male	56				OPERATOR		03-01-2022	Fit For Job				
235	3112	MR. SANTOSH BHOWALE	Male	47				OPERATOR		04-01-2022	Fit For Job				
236	3103	MR. ANAND R. SAKPAL	Male	54				FITTER		04-01-2022	Fit For Job				
237	3114	MR. MOHAN N. SHINDE	Male	45				OPERATOR		03-01-2022	Fit For Job				
238	3120	MR. SANTOSH S. TAMBADE	Male	51				OPERATOR		03-01-2022	Fit For Job				
239	3118	MR. RAJENDRA S. UTEKAR	Male	60				OPERATOR		05-01-2022	Fit For Job				
240	3121	MR. YOGESH Y. ZEMSE	Male	51				ASST. FOREMAN		03-01-2022	Fit For Job				

डॉ. अनिता तारलेकर  
कारखाने अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे रसायन जिल्हाकरीता ०२ डिसेंबर २०२०  
"गमून" ०१ डिसेंबर २०२२ पर्यंत प्राधिकृत प्रमाणक  
राज्य विकीरितक क्र. ACS5AT2016

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarlekar(M.D.,AFPH)

From: 03-08-2022

To: 04-08-2023

Certifying Surgeon

From: To

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
241	3132	MR. SANJAY F. KUDPANE	Male	42				OPERATOR		04-03-2022	Fit For Job				
242	3134	MR. PRADEEP DESHMUKH	Male	42				FITTER		05-03-2022	Fit For Job				
243	6567	MR. HARISH F. PASAL	Male	25				OFFICER		05-03-2022	Fit For Job				
244	6568	MRS. BHAVANA B. YESHBKAR	Female	27				TRAINEE		03-03-2022	Fit For Job				
245	6570	MR. AKASH S. RAJPUT	Male	26				TRAINEE		03-03-2022	Fit For Job				
246	6572	MR. AKSHAY A. KATHIAVALE	Male	24				TRAINEE		03-03-2022	Fit For Job				

Note : I certify that I examined the person mentioned above personally .

Name and Signature of registered medical practitioner  
MPC Registration No. 62100 valid upto:

By order and in the name of the Governor of Maharashtra,

Date : From: 03-08-2022 To: 04-08-2023

Date : Navi Mumbai

Dr. Anita Tarlekar(M.D.,AFPH)

  
 डॉ. अनिता तारलेकर  
 कारखाने अधिनियम १९४८ च्या कलम १० (२)  
 प्रमाणित जिल्हाधिकाारी ०२ दिसेपर २०२०  
 पालून ०१ डिसेंबर २०२२ पर्यंत प्राधिकृत प्रमाणक  
 राज्य चिकीत्सक ब.आर.एस.आर.२०१६



**(Form NO-07)**

# **CONTRACTOR'S**

**Innovassynth Technologies Limited**  
**C/o- Shri Ram Nagar, Khopoli, Raigad- 410203**

**HEALTH CHECK UP DONE ON**  
**August, 03, 04 & 05, 2022**

**BY**

**Dr. Anita S. Tarlekar**  
**M.D. (Med) A.F.I.H.**

**CERTIFYING SURGEON**

**Shushrusha Occupational  
Industrial Health & Research  
Centre**

**ADD Plot No 22-A, Phase-III, Palm Beach Road, Sec-06, Nerul, Navi Mumbai-400 706.**  
**Tel No : 9322297834, 9833327293. Email ID : shushrushaoccuhealth@gmail.com**

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114)

DESHMUKH CONTRACT

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarlekar (M.D., AFTH)

Certifying Surgeon

From: 03-08-2022

To 04-08-2022

From:

To

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment at Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date of medical examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
1	COVT.	MR. PRASAD BHANDARI	Male	28				ELECTRICIAN		03-08-2022	Fit for job				



डॉ. अनिता तारलेकर

कार्यालये अधिष्ठाता १९४८ भा. कलम १० (२)

प्रधान रायगड जिल्हास्थिता २२ डिसेंबर २०२०

पावस ०१ डिसेंबर २०२२ चढाव प्राधिकृत प्रमाणक

भा.व. विकीराक ४/AC325AT/2016

## DUAL SERVICE

## FORM NO. 7

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 11(4))

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Aalita Tarfeekar (M.D., APTM)

From: 03-08-2022

To: 04-08-2023

Certifying Surgeon

From:

To:

Sr. No.	Employee No.	Name of Worker	Sex	Age	Date Of Employment or present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date Of medical examination by surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
1	CONT.	MR. AKHILRA. NIEL	Male	29				SUPERVISOR		05-03-2022	Fit For Job				
2	CONT.	MR. HARESHANKAR YADAV	Male	21				WELDER		05-03-2022	Fit For Job				
3	CONT.	MR. HIRAJAL SHA	Male	34				CUTTING		05-03-2022	Fit For Job				
4	CONT.	MR. NILESH RASAL	Male	32				FITTER		05-03-2022	Fit For Job				
5	CONT.	MR. OMPRAKASH MOURYA	Male	40				CUTTING		05-03-2022	Fit For Job				
6	CONT.	MR. PRAMOD SHARMA	Male	43				WELDER		05-03-2022	Fit For Job				
7	CONT.	MR. RAJAN GUPTA	Male	24				HELPER		05-03-2022	Fit For Job				
8	CONT.	MR. SAGAR WALJALI	Male	23				FITTER		05-03-2022	Fit For Job				
9	CONT.	MR. VENAYAK DADAGHAWANKAR	Male	50				WELDER		05-03-2022	Fit For Job				



डॉ. अलिता तारफेकार

करवाले अभियंता १९४८ पञ्च कलम १० (१)

प्रमाणे राखण्ड विभागांतर्गत ०२ डिसेंबर २०२०

पसून ०१ डिसेंबर २०२२ पर्यंत प्रसिद्ध प्रमाणक

महान्य चिकीत्सक डॉ. ACS/547201/6



1997-98

## TH REGISTER

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From

From

From

Year	Material or product utilized	Date of examination	Center for surgical result analysis
04		04	
05		05	
04		04	
04		04	
04		04	
04		04	



(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114)

OM SAI ENTERPRISES

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarkkar(M.D.,AFIH)

From: 03-08-2022 To 04-08-2022

Certifying Surgeon

From:

To

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment at or present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
1	CONTRACTOR	MRL BHAGESH HAGAWANE	Male	30				FITTER		04-03-2022	Fit For Job				
2	CONTRACTOR	MRL BHAGWAN K. THAMKE	Male	35				FITTER		04-03-2022	Fit For Job				
3	CONTRACTOR	MRL NITESH S. SHINDE	Male	31				FITTER		04-03-2022	Fit For Job				

डॉ. अनिता तारकर  
 कारखाने अधिनियम १९४८ का कलम १० (२)  
 प्रमाणे रायगढ जिल्ह्यातर्फे ०२ डिसेंबर २०२२  
 पासून ०१ डिसेंबर २०२२ पर्यंत प्रामाणिक प्रमाण  
 राज्य विकसित कर मंत्रालय, कोलकाता

FORM NO. 7

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114)

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarikar(M.D.,AFTH)

From: 03-08-2022

To 04-08-2023

Certifying Surgeon

From: To

Sl. No.	Employee No.	Name of Worker	Sex	Age	Date Of Employment at Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw material or bye product handled	Dates Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
1	CONT.	MRL SADURAN J. SHID	Male	31				FITTER		05-03-2022	Fit For Job				
2	CONT.	MRL. VINOD KUMAR	Male	45				FITTER		05-03-2022	Fit For Job				



डॉ. अनिता तारिकर

कारखाने अधिनियम १९४८ च्या कलम १० (२)

प्रमाणे राबगड जिल्ह्याकरीता ०२ डिसेंबर २०२०

वसुने ०१ डिसेंबर २०२२ पर्यंत प्राधिकृत प्रमाणक

हात्य धिकीत्सक क्र. ACS/ST/2016

## QUEST CONTRACTOR

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 11(4))

## FORM NO. 7

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarfekar (M.D., AFPH)

From: 03-08-2022

To: 04-08-2023

Certifying Surgeon

From: To

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment at or present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
1	CONT.	MR. ADARSH HALKAR	Male	31				HOUSE KEEPER		05-03-2022	Fit For Job				
2	CONT.	MR. AMOL SHEDGE	Male	31				SUPERVISOR		04-03-2022	Fit For Job				
3	CONT.	MR. ASHOK DAVADE	Male	21				HOUSE KEEPER		04-03-2022	Fit For Job				
4	CONT.	MR. BASARWAN KAMBLE	Male	20				HOUSE KEEPER		04-03-2022	Fit For Job				
5	CONT.	MR. BALARAM RUTE	Male	40				HOUSE KEEPER		04-03-2022	Fit For Job				
6	CONT.	MR. BHAGWAN PANDAR	Male	46				HOUSE KEEPER		04-03-2022	Fit For Job				
7	CONT.	MR. CHANDRUKANT B. WADKAR	Male	51				HOUSE KEEPER		04-03-2022	Fit For Job				
8	CONT.	MR. CHANDRUKANT R. JACHAV	Male	35				HOUSE KEEPER		04-03-2022	Fit For Job				
9	CONT.	MR. DEEPAK P. MANDWARKAR	Male	41				HOUSE KEEPER		05-03-2022	Fit For Job				
10	CONT.	MR. DEEPAK WADHARE	Male	24				HOUSE KEEPER		04-03-2022	Fit For Job				
11	CONT.	MR. GAJANAN JACHAV	Male	31				HOUSE KEEPER		04-03-2022	Fit For Job				
12	CONT.	MR. GANESH KADAM	Male	34				HOUSE KEEPER		04-03-2022	Fit For Job				
13	CONT.	MR. KAILAS JACHAV	Male	20				HOUSE KEEPER		04-03-2022	Fit For Job				
14	CONT.	MR. KESHAV BHANDILKAR	Male	33				HOUSE KEEPER		04-03-2022	Fit For Job				
15	CONT.	MR. KISHOR DARWADA	Male	21				HOUSE KEEPER		04-03-2022	Fit For Job				
16	CONT.	MR. MANOJ THANGDE	Male	28				HOUSE KEEPER		04-03-2022	Fit For Job				
17	CONT.	MR. SACHIN SHEKHE	Male	33				HOUSE KEEPER		04-03-2022	Fit For Job				
18	CONT.	MR. SANTOSH BHOR	Male	45				HOUSE KEEPER		05-03-2022	Fit For Job				

डॉ. अनिता तारफेकर  
आरक्षक प्रसिद्धित ११४८ या कलम १० (२)  
प्रमाणे रायगड जिल्हाकरिता ०२ डिसेंबर २०२०  
पावून ०१ डिसेंबर २०२२ मधील माहितीकृत प्रमाणक  
रायगड जिल्हाकरिता ०२ डिसेंबर २०२२ मधील माहितीकृत प्रमाणक



## FORM NO. 7

## QUEST CONTRACTOR

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114)

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Terlekar(M.D.,AFIH)

From: 03-08-2022

To 04-08-2023

Certifying Surgeon

From: To

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment at present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
19	COVT.	MR. SHRINKANT TATAKARE	Male	26				HOUSE KEEPER		04-03-2022	Fit For Job				
20	COVT.	MR. SHUBHAM MASHKAR	Male	22				HOUSE KEEPER		04-03-2022	Fit For Job				
21	COVT.	MR. SIDDHESH PAWAR	Male	25				HOUSE KEEPER		04-03-2022	Fit For Job				
22	COVT.	MR. SUNIL DIBE	Male	23				HOUSE KEEPER		04-03-2022	Fit For Job				
23	COVT.	MR. UNESH JADHAV	Male	34				HOUSE KEEPER		04-03-2022	Fit For Job				
24	COVT.	MR. VIASUDEB B. FARAT	Male	50				SUPERVISOR		04-03-2022	Fit For Job				
25	COVT.	MR. YOGESH JIRELAKAR	Male	36				HOUSE KEEPER		04-03-2022	Fit For Job				



डॉ. अनिता तारळेकर  
कारखाने अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे राखण्ड विस्थापकाला ०२ डिसेंबर २०२०  
पासून ०१ डिसेंबर २०२२ पर्यंत प्राधिकृत प्रमाणक  
राखण्ड विधीसक क. ACS5AT/2016



(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XII, XIV, XV, XVI, XVII, XVIII and XX Rule 114)

HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarlekar (M.D., A.F.H.)

From: 03-08-2022 To: 04-08-2023

Certifying Surgeon

From: To

Sr No	Employee No	Name of Worker	Sex	Age	Date Of Employment of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of fitness or suspension issued to worker	Signature with date certifying Surgeon
1	CONT.	MR. AKASH B. BHOIR	Male	26				HELPER		05-03-2022	Fit For Job				
2	CONT.	MR. ANSHAY T. DESHMUKH	Male	24				FITTER		04-03-2022	Fit For Job				
3	CONT.	MR. ANANT H. MINGAL	Male	24				HELPER		05-03-2022	Fit For Job				
4	CONT.	MR. ANIL B. NANE	Male	35				PLUMBER		03-03-2022	Fit For Job				
5	CONT.	MR. ARUN B. SHENDE	Male	51				MEDICINAL		03-03-2022	Fit For Job				
6	CONT.	MR. ARUN D. JESHMUKH	Male	51				FITTER		05-03-2022	Fit For Job				
7	CONT.	MR. BALRAM A. KASHID	Male	56				HELPER		05-03-2022	Fit For Job				
8	CONT.	MR. BAPU V. KURNADE	Male	35				HELPER		04-03-2022	Fit For Job				
9	CONT.	MR. BHARAT D. BHOSALE	Male	46				HELPER		05-03-2022	Fit For Job				
10	CONT.	MR. BHIM K. MANWAT	Male	26				HELPER		04-03-2022	Fit For Job				
11	CONT.	MR. BUDHAN MAHTO	Male	45				HELPER		03-03-2022	Fit For Job				
12	CONT.	MR. CHANDRUKANT B. KATHAVALE	Male	51				SUPERVISOR		05-03-2022	Fit For Job				
13	CONT.	MR. CHANDRUKANT M. KURDE	Male	52				HELPER		05-03-2022	Fit For Job				
14	CONT.	MR. CHANDRUKANT M. MORE	Male	50				PEON		05-03-2022	Fit For Job				
15	CONT.	MR. CHANDRUSHERKHAR D. PATIL	Male	51				FITTER		05-03-2022	Fit For Job				
16	CONT.	MR. CHINTAMAN K. KADAM	Male	36				FITTER		05-03-2022	Fit For Job				
17	CONT.	MR. DEEPAK D. DESHMUKH	Male	33				FORK LIFT OPER.		04-03-2022	Fit For Job				
18	CONT.	MR. DEEPAK L. TELAVANE	Male	55				FITTER		04-03-2022	Fit For Job				

डॉ. अनिता तारलेकर  
कार्डने अडमिनिस्ट्रेशन १९४८ व्या कलम १० (२)  
प्रमाणे शयानक विनिर्माणित वर दिनांक २०२०  
वास्तु ०१ डिसेंबर २०२२ पर्यंत प्राप्ति प्राप्त  
बल विनियमक क्र. ACS25AT/2016

(See Rule 18(7) and schedules II, III, IV, VI, VII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114)


















## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (A): Dr. Anita Tardekar(M.D.-AFTH)

From: 03-06-2022 To 04-06-2023

From: \_\_\_\_\_ To: \_\_\_\_\_

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employe at Or present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bys product handled	Date of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
19	CONT.	MR. DEEPAK H. DORE	Male	25				HOUSE KEEPER		04-03-2022	Fit For Job				
20	CONT.	MR. DHANESHWAR MAHTO	Male	41				HELPER		05-03-2022	Fit For Job				
21	CONT.	MR. DHARMENDRA KUMAR B. PRASAD	Male	32				HELPER		05-03-2022	Fit For Job				
22	CONT.	MR. DILIP P. DESHMUKH	Male	32				FOCK LIFT OPER.		04-03-2022	Fit For Job				
23	CONT.	MR. DRYANESHWAR B. KHOPADE	Male	53				HELPER		05-03-2022	Fit For Job				
24	CONT.	MR. DRYANESHWAR B. SAMPAL	Male	46				HELPER		05-03-2022	Fit For Job				
25	CONT.	MR. GANESH B. BARNE	Male	30				PLUMBER		03-03-2022	Fit For Job				
26	CONT.	MR. GANESH IL. DARIWADA	Male	27				HOUSE KEEPER		03-03-2022	Fit For Job				
27	CONT.	MR. GAUTAM C. PAWAR	Male	43				OFFICE BOY		03-03-2022	Fit For Job				
28	CONT.	MR. GIRISH A. PATIL	Male	39				HELPER		04-03-2022	Fit For Job				
29	CONT.	MR. HARISH CHANDRA H. BADEKAR	Male	50				HELPER		04-03-2022	Fit For Job				
30	CONT.	MR. HARISH CHANDRA S. KHAMBE	Male	40				HELPER		03-03-2022	Fit For Job				
31	CONT.	MR. HEMANT B. KAMBLE	Male	38				FITTER		05-03-2022	Fit For Job				
32	CONT.	MR. IBRAHIM JALGAONKAR	Male	29				ELECTRICIAN		05-03-2022	Fit For Job				
33	CONT.	MR. JAGANNATH S. PAIGUDE	Male	36				PEON		05-03-2022	Fit For Job				
34	CONT.	MR. JAY K. BURULE	Male	22				HELPER		03-03-2022	Fit For Job				
35	CONT.	MR. JAYESH K. GOSAVI	Male	25				HELPER		05-03-2022	Fit For Job				
36	CONT.	MR. KAILAS MAHTO	Male	36				HELPER		04-03-2022	Fit For Job				



(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114)

SHREEJI ENTERPRISES

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarfeekar(M.D.,AFTH)

From: 03-08-2022 To: 04-08-2023

Certifying Surgeon

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment at Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of fitness or suspension issued to worker	Signature with date certifying Surgeon
37	CONT.	MR. KAILASH S. BURKULE	Male	44				ELECTRICIAN		03-03-2022	Fit For Job				
38	CONT.	MR. KALPESH K. VIRALE	Male	25				STORE KEEPER		05-03-2022	Fit For Job				
39	CONT.	MR. KISHOR E. KAMBLE	Male	28				FITTER		04-03-2022	Fit For Job				
40	CONT.	MR. MAHOD MAHTO	Male	27				HELPER		05-03-2022	Fit For Job				
41	CONT.	MR. MAYUR R. DHARVE	Male	30				HELPER		05-03-2022	Fit For Job				
42	CONT.	MR. MILIND K. KACHURE	Male	40				HELPER		05-03-2022	Fit For Job				
43	CONT.	MR. MOHAN N. JADHAV	Male	45				HELPER		05-03-2022	Fit For Job				
44	CONT.	MR. MOTIRAM K. DIGHI	Male	56				PEON		04-03-2022	Fit For Job				
45	CONT.	MR. MUKUND K. SURVE	Male	55				HELPER		03-03-2022	Fit For Job				
46	CONT.	MR. NAGESH R. JADHAV	Male	42				CARPENTER		03-03-2022	Fit For Job				
47	CONT.	MR. NARESH-HOI B. SHENDE	Male	50				FITTER		05-03-2022	Fit For Job				
48	CONT.	MR. NILESH N. GHARAT	Male	36				PEON		04-03-2022	Fit For Job				
49	CONT.	MR. PADHARINATH R. PINGALE	Male	42				HELPER		05-03-2022	Fit For Job				
50	CONT.	MR. PINTU S. KAMBLE	Male	50				HELPER		04-03-2022	Fit For Job				
51	CONT.	MR. PRABHAKAR N. GAVASKAR	Male	48				HELPER		05-03-2022	Fit For Job				
52	CONT.	MR. PRASAD L. KADAM	Male	20				FITTER		04-03-2022	Fit For Job				
53	CONT.	MR. PRASHANT V. FAVADE	Male	33				FITTER		05-03-2022	Fit For Job				
54	CONT.	MR. PRAVIN D. PAWAR	Male	46				GAIDENER		04-03-2022	Fit For Job				

डॉ. अनिता तारफेकर  
सकलमे-अक्टोबर १९४८ च्या कलम १० (१)  
५माही रोगग्रस्त रिल्याकालिता ०३ डिसेंबर २०२०  
पापुन ०३ डिसेंबर २०२२ पर्यंत प्रमाणित प्रमाणक  
राजा गिजासक B.ACSJ5AT2016

## FORM NO. 7

SHREEJI ENTERPRISES

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114)

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tardekar (M.D., AFTH)

From: 03-08-2022

To 04-08-2023

Certifying Surgeon

From: To

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment (present work)	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or by product handled	Date of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
55	CONT.	MR. PREM G. THAKARE	Male	21				ELECTRICIAN		03-03-2022	Fit For Job				
56	CONT.	MR. PREM J. VERUNKAR	Male	19				LAB ASSISTANT		05-03-2022	Fit For Job				
57	CONT.	MR. RAJENDRA B. PALANDE	Male	55				HELPER		05-03-2022	Fit For Job				
58	CONT.	MR. RAJENDRA D. PATEL	Male	40				HELPER		04-03-2022	Fit For Job				
59	CONT.	MR. RAJENDRA K. PRAJAPATI	Male	41				HELPER		05-03-2022	Fit For Job				
60	CONT.	MR. RAJESH N. DESHMUKH	Male	21				FITTER		05-03-2022	Fit For Job				
61	CONT.	MR. RAKESH R. KHEDKAR	Male	41				FITTER		05-03-2022	Fit For Job				
62	CONT.	MR. RAM P. MAHTO	Male	34				HELPER		04-03-2022	Fit For Job				
63	CONT.	MR. RAMDAS H. PAUSUDE	Male	43				SUPERVISOR		04-03-2022	Fit For Job				
64	CONT.	MR. RAMESH G. DESHMUKH	Male	49				HELPER		04-03-2022	Fit For Job				
65	CONT.	MR. RAMESH G. SURVE	Male	52				HELPER		04-03-2022	Fit For Job				
66	CONT.	MR. RAMESH K. BORKAR	Male	33				OPERATOR		05-03-2022	Fit For Job				
67	CONT.	MR. RAMESH N. LOBHE	Male	53				HELPER		04-03-2022	Fit For Job				
68	CONT.	MR. RAVI H. SONAWANE	Male	29				HELPER		05-03-2022	Fit For Job				
69	CONT.	MR. RAVINDRA M. DABHADE	Male	55				HELPER		04-03-2022	Fit For Job				
70	CONT.	MR. ROHIDAS K. DTSALE	Male	35				HELPER		04-03-2022	Fit For Job				
71	CONT.	MR. SAGEN N. MAHE	Male	33				HELPER		04-03-2022	Fit For Job				
72	CONT.	MR. SADASHIV R. GHAGAT	Male	51				HELPER		05-03-2022	Fit For Job				

डॉ. अनिता तारडेकर  
कार्यक्षेत्र अधिनियम १९४८ च्या कलम १० (१)  
प्रमाणे सलग ३० दिवसांसाठी ०२ डिसेंबर २०२०  
पाहून ०२ डिसेंबर २०२२ पर्यंत प्राधिकृत प्रमाणक



## FORM NO. 2

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114)

## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarlekar(M.D.,AFPH)

Certifying Surgeon

From: 03-08-2022 To 04-08-2022

From: To

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employe at Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Date of medical examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
73	CONT.	MR. SANDEEP K. BHANUSCHARE	Male	35				FITTER		03-03-2022	Ft For Job				
74	CONT.	MR. SANDEEP T. GAIKWAD	Male	45				FITTER		04-03-2022	Ft For Job				
75	CONT.	MR. SANJAY E. KASHID	Male	45				ELECTRICIAN		03-03-2022	Ft For Job				
76	CONT.	MR. SANJAY G. TELVANE	Male	51				HELPER		05-03-2022	Ft For Job				
77	CONT.	MR. SANJAY H. TELANGE	Male	35				FITTER		05-03-2022	Ft For Job				
78	CONT.	MR. SANJAY V. BIGGALE	Male	54				HELPER		04-03-2022	Ft For Job				
79	CONT.	MR. SANTOSH J. KHOPADE	Male	51				LAB ASST.		03-03-2022	Ft For Job				
80	CONT.	MR. SHADAB JALGAONKAR	Male	25				ELECTRICIAN		03-03-2022	Ft For Job				
81	CONT.	MR. SHARAD Y. KHEDEKAR	Male	56				HELPER		03-03-2022	Ft For Job				
82	CONT.	MR. SHASHIKANT S. LAD	Male	34				FORKLIFT DRIVER		04-03-2022	Ft For Job				
83	CONT.	MR. SHIDDIKHEBHAR B. RAJIT	Male	38				HELPER		04-03-2022	Ft For Job				
84	CONT.	MR. SHEVAMAND U. KAMBALE	Male	36				CARPENTER		03-03-2022	Ft For Job				
85	CONT.	MR. SHREEKANT A. SHINDE	Male	26				HELPER		05-03-2022	Ft For Job				
86	CONT.	MR. SHUKANT K. KAJALE	Male	41				HELPER		04-03-2022	Ft For Job				
87	CONT.	MR. SHUBHAM D. KASHID	Male	26				HELPER		05-03-2022	Ft For Job				
88	CONT.	MR. SWAMAND C. KHUDE	Male	31				HELPER		04-03-2022	Ft For Job				
89	CONT.	MR. TANAJI H. BHOIR	Male	49				HELPER		03-03-2022	Ft For Job				
90	CONT.	MR. TUKARAM D. JADHAV	Male	28				SMELTER		04-03-2022	Ft For Job				

डॉ. अनिता तारलेकर  
 शाखाचे अधिनियम 18(7) चा कलम 10 (3)  
 प्रमाणे स्वयंसेवक विलंबकारिता 92 दिसेपर 2020  
 फायनल 91 दिसेपर 2022 पर्यंत मर्यादित प्रमाणक  
 राज्य चिकित्सक डॉ. ACS25AT2016

HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operators under section 87).

Name Of Certifying Surgeon (a): Dr. Anita Tarlekar(M.D.,AFIH)

Certifying Surgeon

From: 18-08-2022 To: 17-08-2023

From: To

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical Examination by certifying surgeon and result of medical examination	Result of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
1	CONT.	MR. ANKUSH R. KHOPADE	Male	37				HELPER		18-08-2022	Fit For Job				
2	CONT.	MR. GANESH C. BURUMBE	Male	48				HELPER		18-08-2022	Fit For Job				
3	CONT.	MR. GANESH M. TELANGE	Male	33				FITTER		18-08-2022	Fit For Job				
4	CONT.	MR. KISHOR V. VALANJ	Male	40				HELPER		18-08-2022	Fit For Job				
5	CONT.	MR. MACHINDRA NANAVANE	Male	34				PAINTER		18-08-2022	Fit For Job				
6	CONT.	MR. MRUNAL M. DALVI	Male	25				OPERATOR		18-08-2022	Fit For Job				
7	CONT.	MR. NITIN D. PAWAR	Male	38				FITTER		18-08-2022	Fit For Job				
8	CONT.	MR. PRAVIN T. SHINDE	Male	34				HELPER		18-08-2022	Fit For Job				
9	CONT.	MR. RAJESH S. DALVI	Male	47				HELPER		18-08-2022	Fit For Job				
10	CONT.	MR. RAJESH S. HANKAME	Male	51				OFFICE BOY		18-08-2022	Fit For Job				
11	CONT.	MR. RAVINDRA B. MOKASHI	Male	42				HELPER		18-08-2022	Fit For Job				
12	CONT.	MR. SANBAJI J. DONGORE	Male	47				PAINTER		18-08-2022	Fit For Job				
13	CONT.	MR. SANDEEP B. KADU	Male	40				HELPER		18-08-2022	Fit For Job				
14	CONT.	MR. SANTOSH R. GAINGAWANE	Male	35				HELPER		18-08-2022	Fit For Job				
15	CONT.	MR. TUSHAR J. DESHMUKH	Male	28				HELPER		18-08-2022	Fit For Job				
16	CONT.	MR. VIJAY R. DESHMUKH	Male	54				ELECTRICIAN		18-08-2022	Fit For Job				
17	CONT.	MR. VILAS B. GHOLAP	Male	38				HELPER		18-08-2022	Fit For Job				
18	CONT.	MR. VILAS R. GADE	Male	54				HELPER		18-08-2022	Fit For Job				

डॉ. अनिता तारलेकर  
कारखाने अधिनियम १९४८ च्या प्रमाण १० (२)  
प्रमाणे शासक वित्तद्वारा ०२ दिवसेपर २०२०  
परामर्श ०२ दिवसेपर २०२२ पर्यंत प्रामाणिक प्रमाणक  
शाला विकीसक क. ACS/54/2016



## HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a): Dr. Anilrao Tarlekar(M.D.,AFTH)

From: 18-08-2022 To 17-08-2023

Certifying Surgeon

From:

To

Sri No	Employee No	Name of Worker	Sex	Age	Date Of Employment Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
19	CONT.	MR. VISHWAS S. AGIWALE	Male	33				FITTER		18-08-2022	Fit For Job				
20	CONT.	MRS. VITHOBA D. TELINGE	Male	29				HELPER		18-08-2022	Fit For Job				



डॉ. अनिता तारलेकर  
कारखाने अधिनियम १९४८ च्या कलम १० (२)  
प्रमाणे रायगड जिल्ह्यातल्या ०२ डिसेंबर २०२०  
पासून ०१ डिसेंबर २०२२ पर्यंत अधिकृत प्रमाणक  
राज्य वैद्यकीयक कः२८२८५७१६१६

## **Annexure –12**

# **Details of the reduction achieved in power consumption**



**Details of the power reduction**

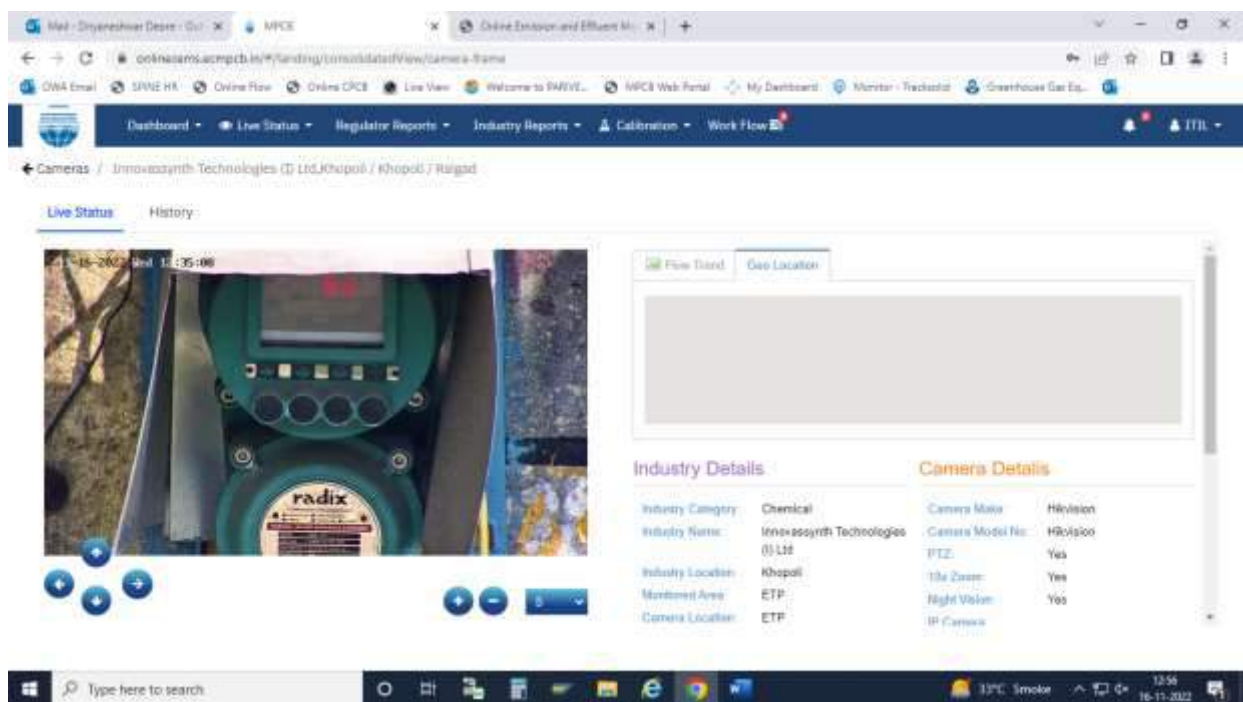
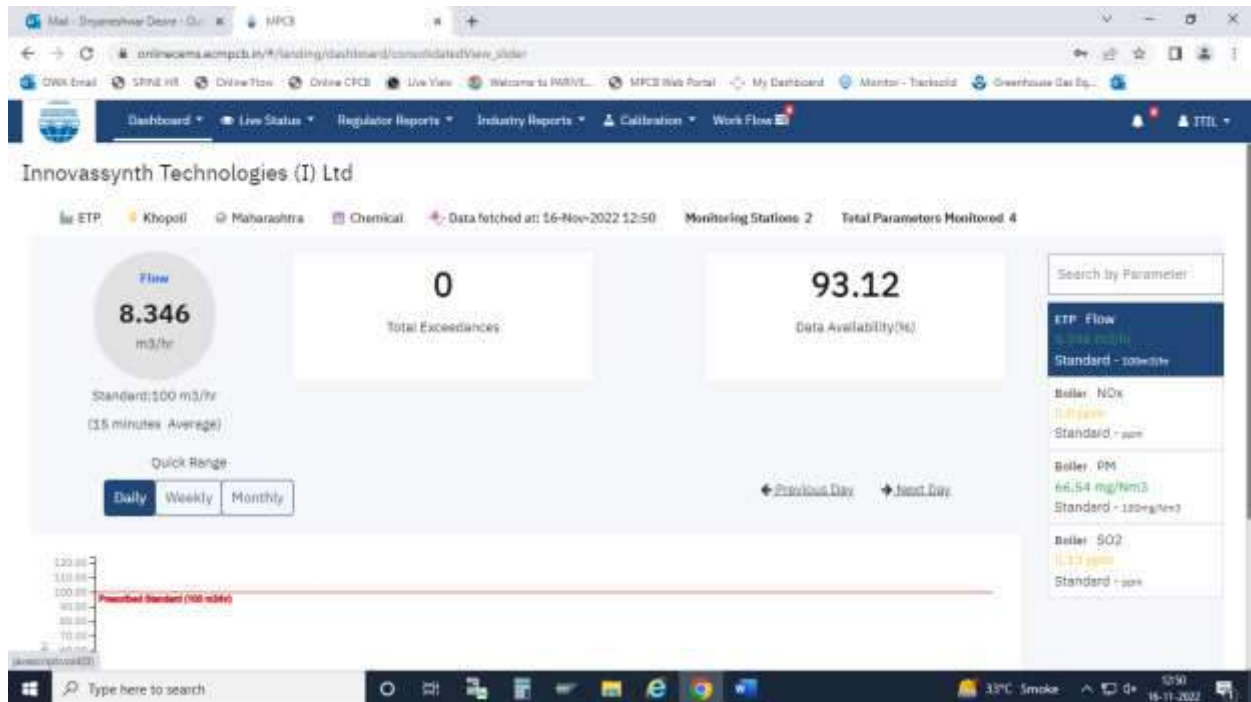
<b>Sr no</b>	<b>Existing operation/practice</b>	<b>Proposed</b>	<b>Acual benefit April 2022 to October-2022</b>
1	Conventional tube lights used in Stores and Utilities.	Replacing old tubelights and fittings with LED	440
2	Reduction in running hours of brine primary pump since september 15th		4,752
3	Reduction in running hours of chilled water primary pump since september 15th		3,485
4	P-1201H (30KW) running only for utility equipment's. Available Standby Pump P-1201G (15KW) lower rating pump Utilised since september 15th		14,256
5	Stopped running of additional air compressors since september 15th		5,852
			<b>28,785</b>

## **Annexure – 13**

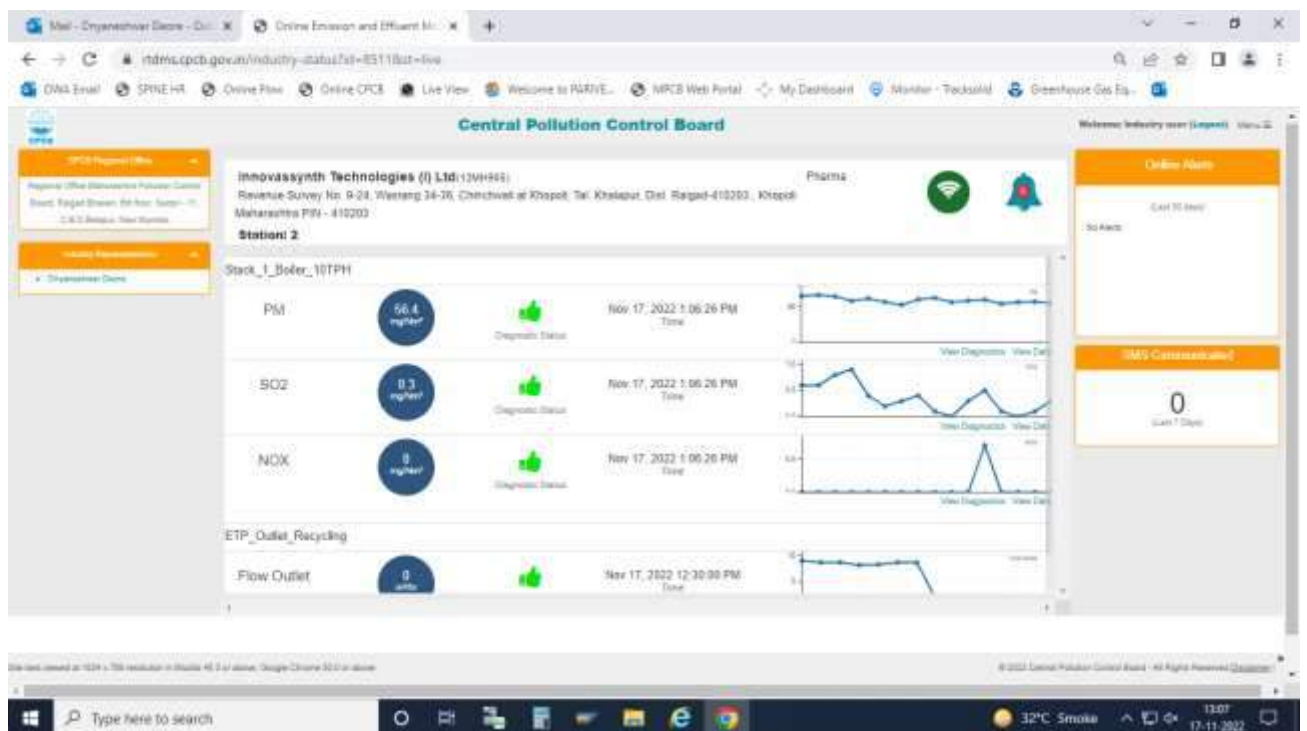
# **MPCB server login screenshot and other details**

## Online Monitoring System

### 1. MPCB login Portal Screen Shot -



## 2. CPCB login portal screen shot –





## **Annexure – 14**

**Latest submitted Form-4**



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## Form 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

## FORM FOR FILING ANNUAL RETURNS

[ To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

### Unique Application Number:

MPCB-HW\_ANNUAL\_RETURN-0000030778

### Submitted On:

30-06-2022

### Submitted for Year:

April 2021 to March 2022

### 1. Name of the generator/operator of facility

Innovassynth Technologies (I) Ltd.

### Address of the unit/facility

Survey No.:9-2, Wasrang 34-36, Khopoli, Tal-  
Khalapur, Raigad 410203

### 1b. Authorization Number

Format 1.0/CAC/UAN No.MPCB-BY\_PRODUCT-0000000013/CO-2112000001

### Date of issue

Dec 22, 2021

### Date of validity of consent

Aug 31, 2023

### 2. Name of the authorised person

Mr. Sanjay Chowrasia

### Full address of authorised person

Survey No.:9-2, Wasrang 34-36, Khopoli, Tal-  
Khalapur, Raigad 410203

### Telephone

9820026298

### Fax

02192260100

### Email

schowrasia@innovassynth.com

### 3. Production during the year (product wise), wherever applicable

Product Type *	Product Name *	Consented Quantity	Actual Quantity	UOM
Chemical ,Petrochemical &Electrochemical	Substituted Triazine Derivative / CG 29-1127 / 4-[4,6-bis(2,4-dimethyl phenyl) -1,3,5-triazine-2yl]-1,3 Benzenediol	824055.6000	562475	Kg/Annum
Chemical ,Petrochemical &Electrochemical	4-HEXYL RESORCINOL	24000.0000	2346.25	Kg/Annum
Chemical ,Petrochemical &Electrochemical	N2 Phenyl Acetyl Guanosine OR N-iPAC dG OR dG(iPAC)	48.0000	39.25	Kg/Annum
Chemical ,Petrochemical &Electrochemical	2' - FU AMIDITE OR (5'-O-(4,4'-DIMETHOXY TRITYL)-2'-FLUORO URIDINE-3'-[(2-CYANOETHYL)-(N,N-DI ISOPROPYL)]-PHOSPHORAMID	6.0000	0.092	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT-N-Ac-2'-Fluoro Cytidine-3'-OCEPA (Amidite)	6.0000	0.056	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT-N-Ac-2'-Fluoro Cytidine (PNS)	6.0000	6	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-O-Dimethoxytrityl 2'-OTBDMS-N6-Benzoyl Adenosine 3'-CEPA (Amidite)	63.5000	0.274	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-O-Dimethoxytrityl 2'-OTBDMS-N2-Isobutyryl Guanosine 3'-CEPA (Amidite)	63.5000	0.172	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-O-Dimethoxytrityl-2'-OTBDMS-N4-Acetyl Cytidine 3'-CEPA (Amidite)	62.7000	0.065	Kg/Annum

Chemical ,Petrochemical &Electrochemical	5'-O-Dimethoxytrityl-2'-OTBDMS Uridine 3'-CEPA (Amidite)	62.7000	0.056	Kg/Annum
Chemical ,Petrochemical &Electrochemical	2,2 BIS [-(2INDENYL)BIPHENYL]ZICRONIUM(IV) CHLORIDE	600.0000	295.78	Kg/Annum
Chemical ,Petrochemical &Electrochemical	4,4'--DIMETHOXYTRITYL CHLORIDE (DMT-Cl)	15000.0000	14593.09	Kg/Annum
Chemical ,Petrochemical &Electrochemical	1-CYANO CYCLOBUTANE-1,2-DICARBOXYLIC ACID DIMETHYL EASTER / TRANSDIACID	3600.0000	0.233	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT cEt N-Benzoyl Adenosine-3'-OCEPA (Amidite)	18.2000	0.086	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT cEt N-isobutryl Guanosine-3'-OCEPA (Amidite)	18.2000	0.084	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT cEt N-Benzoyl Cytidine-3'-OCEPA (Amidite)	18.2000	5.528	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT cEt N-Benzoyl 5-Methyl Cytidine-3'-OCEPA (Amidite)	18.2000	0.093	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT cEt Uridine-3'-OCEPA (Amidite)	18.2000	0.167	Kg/Annum
Chemical ,Petrochemical &Electrochemical	cEt Thymidine (Diol)	2.0000	0.053	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT N-Tac deoxy Cytidine 3'-CEPA (Amidite)	30.0000	0.32	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT-2'-OMe N-Benzoyl Adenosine-3'-OCEPA (Amidite)	38.0000	0.086	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT-2'-OMe N-isobutryl Guanosine (PNS)	38.0000	0.284	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT-2'-OMe N-Acetyl Cytidine (PNS)	38.0000	0.036	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT-2'-OMe N-Acetyl Cytidine-3'-OCEPA (Amidite)	38.0000	0.085	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT-2'-OMe Uridine-3'-OCEPA (Amidite)	38.0000	0.115	Kg/Annum
Chemical ,Petrochemical &Electrochemical	ANETHOL	300000.0000	76604.1	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT N-Benzoyl deoxy Adenosine-3'-OCEPA (Amidite)	120.0000	0.66	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT N-isobutryl deoxy Guanosine-3'-OCEPA (Amidite)	120.0000	3.585	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT N-dmf deoxy Guanosine-3'-OCEPA (Amidite)	120.0000	0.632	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT N-Benzoyl deoxy Cytidine (PNS)	120.0000	0.688	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT N-Acetyl deoxy Cytidine (PNS)	120.0000	120	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT N-isobutryl deoxy Guanosine (PNS)	120.0000	0.645	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT LNA N-Benzoyl Adenosine (PNS)	87.7000	1.141	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT N-Acetyl deoxy Cytidine-3'-OCEPA (Amidite)	120.0000	2.201	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT N-Acetyl-5-Methyl deoxy Cytidine-3'-OCEPA (Amidite)	120.0000	0.125	Kg/Annum

Chemical ,Petrochemical &Electrochemical	5'-ODMT deoxy Thymidine (PNS)	120.0000	1.95	Kg/Annum
Chemical ,Petrochemical &Electrochemical	3'-ODMT N-isobutryl deoxy Guanosine (Reverse PNS)	3.2000	0.645	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT LNA N-Benzoyl Adenosine (PNS)	87.7000	1.141	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT LNA N-Benzoyl Adenosine-3'-O-CEPA (Amidite)	87.7000	0.083	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT LNA N-DMF Guanosine (PNS)	87.7000	0.83	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT LNA N-DMF Guanosine-3'-O-CEPA (Amidite)	87.7000	0.07	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT LNA N-Benzoyl 5-Methyl Cytidine (PNS)	87.7000	1.05	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT LNA N-Benzoyl 5-Methyl Cytidine-3'-O-CEPA (Amidite)	87.7000	0.257	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT LNA Thymidine (PNS)	87.7000	1.569	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT LNA Thymidine-3'-O-CEPA (Amidite)	87.7000	0.13	Kg/Annum
Chemical ,Petrochemical &Electrochemical	NOOTKATONE	5600.4000	4166.53	Kg/Annum
Chemical ,Petrochemical &Electrochemical	ACRYLAMIDE PURIFIED	9600.0000	4512.475	Kg/Annum
Chemical ,Petrochemical &Electrochemical	R&D Products (Intermediate chemicals)	4800.0000	4244.28	Kg/Annum
Chemical ,Petrochemical &Electrochemical	TC U Amidite	760.1000	0.094	Kg/Annum
Chemical ,Petrochemical &Electrochemical	2-Isopentyl-2-Isopropyl-1,3-Dimethoxy propane (R5)	760.1000	264.02	Kg/Annum
Chemical ,Petrochemical &Electrochemical	3G Metallocene	760.1000	60.399	Kg/Annum
Chemical ,Petrochemical &Electrochemical	2,2 BIS [-(2INDENYL)BIPHENYL]ZICRONIUM(IV) CHLORIDE ON SILICA SUPPORT	28800.0000	7.257	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT-2'-Fluoro-GiBu (PNS)	4.8000	4.8	Kg/Annum
Chemical ,Petrochemical &Electrochemical	5'-ODMT-N6-Bz-2'-Fluoro Adenosine (PNS)	4.8000	4.8	Kg/Annum
Chemical ,Petrochemical &Electrochemical	(1-Hydroxy-3-methylbutylidene)-5,5-dimethyl -1,3-cyclohexanedione (ivDde-OH)	840.0000	130.14	Kg/Annum
Chemical ,Petrochemical &Electrochemical	2-Isopropyl-1H-Indene	12.0000	8.853	Kg/Annum
Chemical ,Petrochemical &Electrochemical	Lutencryl 250	32400.0000	7932.9	Kg/Annum
Chemical ,Petrochemical &Electrochemical	N-PAC deoxy Adenosine (PAC dA)	132.0000	16.125	Kg/Annum
Chemical ,Petrochemical &Electrochemical	Santalol Crude	20004.0000	1117.25	Kg/Annum
Chemical ,Petrochemical &Electrochemical	Non-hazardous synthetic compounds for research analysis and data OR (Bis Benzyl Ribo Sugar)	360.0000	53.32	Kg/Annum
Chlorates,perchlorates & peroxides	L-RA AMIDITE OR 2'-TBDMS 5'-DMT protected L-rA(Bn) amidite	24.0000	2.3	Kg/Annum



Chemical ,Petrochemical &Electrochemical	4-(2-Chloroethyl) Morpholine Hydrochloride (CEM HCl)	20400.0000	1433.05	Kg/Annum
Chemical ,Petrochemical &Electrochemical	Methyl-alpha-D-Mannopyranoside	42000.0000	18246.01	Kg/Annum
Chemical ,Petrochemical &Electrochemical	Aqueous Aluminium Chloride(By-product)	13359.6000	6515.64	MT/A

PART A: To be filled by hazardous waste generators

1. Total Quantity of waste generated category wise

Type of hazardous waste	Wate Name	Consented Quantity	Quantity	UOM
37.3 Concentration or evaporation residues	Concentraion or evaporation residue (MEE solids )	531.040	181.97	MTA
35.3 Chemical sludge from waste water treatment	Chemical Sludge from waste water treatment	297.510	46.72	MTA
20.3 Distillation residues	Distillation Residue	825.900	87.67	MTA
28.4 Off specification products	Off Specification products	4.000	0.0	MTA
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	Empty Barrels/Containers/Liners	70.000	43.52	MTA
5.1 Used or spent oil	Used/spent oil	2.000	2.0	MTA
38.2 Spent acid	Hydrochloric Acid 30% (38.2)	1374.000	366.69	MTA
38.2 Spent acid	Sulphuric Acid 66% (38.2)	1617.600	656.73	MTA
20.2 Spent solvents	Mixed Solvents (20.2)	3123.600	665.74	MTA

2. Quantity dispatched category wise.

Type of Waste	Quantity of waste	UOM	Dispatched to	Facility Name
37.3 Concentration or evaporation residues	181.97	MTA	Disposal Facility	CHWTSDF
35.3 Chemical sludge from waste water treatment	46.72	MTA	Disposal Facility	CHWTSDF
20.3 Distillation residues	87.67	MTA	Disposal Facility	CHWTSDF
28.4 Off specification products	0.0	MTA	Disposal Facility	CHWTSDF
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	43.52	MTA	Disposal Facility	Sale to authorized party/CHWTSDF
5.1 Used or spent oil	2.0	MTA	Disposal Facility	Sale to authorized party/CHWTSDF
38.2 Spent acid	366.69	MTA	Disposal Facility	Sale to authorized party/CHWTSDF
38.2 Spent acid	656.73	MTA	Disposal Facility	Sale to authorized party/CHWTSDF
20.2 Spent solvents	665.74	MTA	Disposal Facility	Sale to authorized party/CHWTSDF

3. Quantity Utilised in-house,If any

Type of Waste	Name of Waste	Quantity of Waste	UOM
	NA	0	MTA

4. Quantity in storage at the end of the year

Type of Waste	Name of Waste	Quantity of Waste	UOM
	NA	0	KL/Anum

PART B: To be filled bt Treatment,storage, and disposal facility operators

1.Total Quantity received	UOM	State Name
NA	KL/Anum	Maharashtra
2. Quantity in stock at the beginning of the year	UOM	
NA	KL/Anum	
3. Quantity treated	UOM	
NA	KL/Anum	
4. Quantity disposed in landfills as such and after treatment		
Direct landfilling	UOM	
0	KL/Anum	
Landfill after treatment	UOM	
0	KL/Anum	
5. Quantity incinerated (if applicable)	UOM	
0	KL/Anum	
6. Quantiry processed other than specified above	UOM	
NA	KL/Anum	
7. Quantity in storage at the end of the year.	UOM	
NA	KL/Anum	

PART C: To be filled by recyclers or co-processors or other users

1. Quantity of waste received during the year					
Waste Name/Category	Country Name	State Name	Quantity of waste received from domestic sources	Quantity of waste imported(If any)	Units
NA	India	Maharashtra	NA	NA	KL/Anum
2. Quantity in stock at the beginning of the year					
Waste Name/Category			Quantity	UOM	
NA			NA	KL/Anum	
3. Quantity of waste recycled or co-procesed or used					
Name of Waste	Type of Waste		Quantity	UOM	
NA	NA		NA	KL/Anum	
4. Quantity of products dispatched (wherever applicable)					
Name of product			Quantity	UOM	
NA			NA	KL/Anum	
5. Total quantity of waste generated					
Waste name/category			quantity	UOM	
NA			NA	KL/Anum	
6. Total quantity of waste disposed					
Waste name/category			quantity	UOM	
NA			NA	KL/Anum	
7. Total quantity of waste re-exported (If Applicable)					
Waste name/category			quantity	UOM	
NA			NA	KL/Anum	
8. Quantity in storage at the end of the year					
Waste name/category			quantity	UOM	
NA			NA	KL/Anum	

Personal Details

Place	Date	Designation
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## **Annexure – 15**

# **Latest submitted Form-V**





# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000047691

### Submitted Date

26-09-2022

## PART A

### Company Information

#### Company Name

Innovassynth Technologies (I)  
LTD

#### Application UAN number

1000054740

#### Address

Revenue survey No-9-24,  
Wasarang , 34-36, Chichwali  
At -Khopoli , Tal Khalapur ,  
DIs - Raigad

#### Plot no

Survey No-9-24, Wasrang ,  
34-36

#### Taluka

Khalapur

#### Village

Chichwali

#### Capital Investment (In lakhs)

10813

#### Scale

LSI

#### City

Khopoli

#### Pincode

410203

#### Person Name

Sanjay Chowrasia

#### Designation

AVP-EHS

#### Telephone Number

2192260100

#### Fax Number

0

#### Email

itil@innovassynth.com

#### Region

SRO-Raigad I

#### Industry Category

Red

#### Industry Type

R22 Organic Chemicals  
manufacturing

#### Last Environmental statement submitted online

yes

#### Consent Number

Format1.0/CAC/UAN-No-MPCB-BY\_PRODUCT-0000000013/CO-2112000001

#### Consent Issue Date

2021-12-22

#### Consent Valid Upto

31.08.2023

#### Establishment Year

2001

#### Date of last environment statement submitted

Sep 21 2021  
12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

Substituted Triazine Derivative / CG 29-1127 / 4-[4,6-bis(2,4-dimethyl phenyl) -1,3,5-triazine-2yl]-1,3 Benzenediol

#### Consent Quantity

824055.600

#### Actual Quantity

562475.0

#### UOM

Kg/Annum

4-HEXYL RESORCINOL	24000.000	2346.25	Kg/Annum
N2 Phenyl Acetyl Guanosine OR N-iPAC dG OR dG(iPAC)	48.0	39.25	Kg/Annum
2' - FU AMIDITE OR (5'-O-(4,4'-DIMETHOXY TRITYL)-2'-FLUORO URID	6.0	0.092	Kg/Annum
5'-ODMT-N-Ac-2'-Fluoro Cytidine-3'-OCEPA (Amidite)	6.0	0.056	Kg/Annum
5'-ODMT-N-Ac-2'-Fluoro Cytidine (PNS)	6.0	6	Kg/Annum
5'-O-Dimethoxytrityl 2'-OTBDMS-N6-Benzoyl Adenosine 3'-CEPA (Amidite)	63.5	0.274	Kg/Annum
5'-O-Dimethoxytrityl 2'-OTBDMS-N2-Isobutryl Guanosine 3'-CEPA (Amidite)	63.5	0.172	Kg/Annum
5'-O-Dimethoxytrityl-2'-OTBDMS-N4-Acetyl Cytidine 3'-CEPA (Amidite)	62.7	0.065	Kg/Annum
5'-O-Dimethoxytrityl-2'-OTBDMS Uridine 3'-CEPA (Amidite)	62.7	0.056	Kg/Annum
2,2 BIS [-(2INDENYL)BIPHENYL]ZICRONIUM(IV) CHLORIDE	600.0	295.78	Kg/Annum
4,4'--DIMETHOXYTRITYL CHLORIDE (DMT-Cl)	15000.0	14593.09	Kg/Annum
1-CYANO CYCLOBUTANE-1,2-DICARBOXYLIC ACID DIMETHYL EASTER / TRANSDIACID	3600.0	0.233	Kg/Annum
5'-ODMT cEt N-Benzoyl Adenosine-3'-OCEPA (Amidite)	18.2	0.086	Kg/Annum
5'-ODMT cEt N-isobutryl Guanosine-3'-OCEPA (Amidite)	18.2	0.084	Kg/Annum
5'-ODMT cEt N-Benzoyl Cytidine-3'-OCEPA (Amidite)	18.2	5.528	Kg/Annum
5'-ODMT cEt N-Benzoyl 5-Methyl Cytidine-3'-OCEPA (Amidite)	18.2	0.093	Kg/Annum
5'-ODMT cEt Uridine-3'-OCEPA (Amidite)	18.2	0.167	Kg/Annum
cEt Thymidine (Diol)	2.0	0.053	Kg/Annum
5'-ODMT N-Tac deoxy Cytidine 3'-CEPA (Amidite)	30.0	0.32	Kg/Annum
5'-ODMT-2'-OMe N-Benzoyl Adenosine-3'-OCEPA (Amidite)	38.0	0.086	Kg/Annum
5'-ODMT-2'-OMe N-isobutryl Guanosine (PNS)	38.0	0.284	Kg/Annum
5'-ODMT-2'-OMe N-Acetyl Cytidine (PNS)	38.0	0.036	Kg/Annum
5'-ODMT-2'-OMe N-Acetyl Cytidine-3'-OCEPA (Amidite)	38.0	0.085	Kg/Annum
5'-ODMT-2'-OMe Uridine-3'-OCEPA (Amidite)	38.0	0.115	Kg/Annum
ANETHOL	300000.0	76604.1	Kg/Annum
5'-ODMT N-Benzoyl deoxy Adenosine-3'-OCEPA (Amidite)	120.0	0.66	Kg/Annum
5'-ODMT N-isobutryl deoxy Guanosine-3'-OCEPA (Amidite)	120.0	3.585	Kg/Annum
5'-ODMT N-dmf deoxy Guanosine-3'-OCEPA (Amidite)	120.0	0.632	Kg/Annum
5'-ODMT N-Benzoyl deoxy Cytidine (PNS)	120.0	0.688	Kg/Annum
5'-ODMT N-Acetyl deoxy Cytidine (PNS)	120.0	120	Kg/Annum
5'-ODMT N-isobutryl deoxy Guanosine (PNS)	120.0	0.645	Kg/Annum
5'-ODMT LNA N-Benzoyl Adenosine (PNS)	87.7	1.141	Kg/Annum
5'-ODMT N-Acetyl deoxy Cytidine-3'-OCEPA (Amidite)	120.0	2.201	Kg/Annum
5'-ODMT N-Acetyl-5-Methyl deoxy Cytidine-3'-OCEPA (Amidite)	120.0	0.125	Kg/Annum
5'-ODMT deoxy Thymidine (PNS)	120.0	1.95	Kg/Annum
3'-ODMT N-isobutryl deoxy Guanosine (Reverse PNS)	3.2	0.645	Kg/Annum
5'-ODMT LNA N-Benzoyl Adenosine (PNS)	87.7	1.141	Kg/Annum
5'-ODMT LNA N-Benzoyl Adenosine-3'-O-CEPA (Amidite)	87.7	0.083	Kg/Annum
5'-ODMT LNA N-DMF Guanosine (PNS)	87.7	0.83	Kg/Annum
5'-ODMT LNA N-DMF Guanosine-3'-O-CEPA (Amidite)	87.7	0.07	Kg/Annum
5'-ODMT LNA N-Benzoyl 5-Methyl Cytidine (PNS)	87.7	1.05	Kg/Annum

5'-ODMT LNA N-Benzoyl 5-Methyl Cytidine-3'-O-CEPA (Amidite)	87.7	0.257	Kg/Annum
5'-ODMT LNA Thymidine (PNS)	87.7	1.569	Kg/Annum
5'-ODMT LNA Thymidine-3'-O-CEPA (Amidite)	87.7	0.13	Kg/Annum
NOOTKATONE	5600.4	4166.53	Kg/Annum
ACRYLAMIDE PURIFIED	9600.0	4512.475	Kg/Annum
R&D Products (Intermediate chemicals)	4800.0	4244.28	Kg/Annum
TC U Amidite	760.1	0.094	Kg/Annum
2-Isopentyl-2-Isopropyl-1,3-Dimethoxy propane (R5)	760.1	264.02	Kg/Annum
3G Metallocene	760.1	60.399	Kg/Annum
2,2 BIS [-(2INDENYL)BIPHENYL]ZICRONIUM(IV) CHLORIDE ON SILICA SUPPORT	28800.0	7.257	Kg/Annum
5'-ODMT-2'-Fluoro-GiBu (PNS)	4.8	4.8	Kg/Annum
5'-ODMT-N6-Bz-2'-Fluoro Adenosine (PNS)	4.8	4.8	Kg/Annum
(1-Hydroxy-3-methylbutylidene)-5,5-dimethyl -1,3-cyclohexanedione (ivDde-OH)	840.0	130.14	Kg/Annum
2-Isopropyl-1H-Indene	12.0	8.853	Kg/Annum
Lutencryl 250	32400.0	7932.9	Kg/Annum
N-PAC deoxy Adenosine (PAC dA)	132.0	16.125	Kg/Annum
Santalol Crude	20004.0	1117.25	Kg/Annum
Non-hazardous synthetic compounds for research analysis and data OR (Bis Benzyl Ribo Sugar)	360.0	53.32	Kg/Annum
L-RA AMIDITE OR 2'-TBDMS 5'-DMT protected L-rA(Bn) amidite	24.0	2.3	Kg/Annum
4-(2-Chloroethyl) Morpholine Hydrochloride (CEM HCl)	20400.0	1433.05	Kg/Annum
Methyl-alpha-D-Mannopyranoside	42000.0	18246.01	Kg/Annum

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
Aqueous Aluminium Chloride	1113.3	542.97	

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	236.30	137.93
Cooling	306.00	293.45
Domestic	37.00	33.00
All others	70.00	70.00
Total	649.30	534.38

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	242.9	168	CMD
Sewage Effluent	33	29	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

<b><i>Name of Products (Production)</i></b>	<b><i>During the Previous financial Year</i></b>	<b><i>During the current Financial year</i></b>	<b><i>UOM</i></b>
Substituted Triazine Derivative / CG 29-1127 / 4-[4,6- bis(2,4-dimethyl phenyl) -1,3,5-triazine-2yl]-1,3 Benzenediol	74	70.72	CMD
4-HEXYL RESORCINOL	0.87	3.85	CMD
N2 Phenyl Acetyl Guanosine OR N-iPAC dG OR dG(iPAC)	0.0003	0.0003	CMD
2,2 BIS [-(2INDENYL)BIPHENYL]ZICRONIUM(IV) CHLORIDE	0.0507	0.0507	CMD
4,4'--DIMETHOXYTRITYL CHLORIDE (DMT-CI)	2.45	2.363	CMD
ANETHOL	6	6	CMD
NOOTKATONE	21.6	0.068	CMD
ACRYLAMIDE PURIFIED	0	0	CMD
R&D Products (Intermediate chemicals)	1	1	CMD
2-Isopentyl-2-Isopropyl-1,3-Dimethoxy propane (R5)	0	0.545	CMD
3G Metallocene	0	0	CMD
Lutencryl 250	0	0	CMD
Santalol Crude	1.38	3.825	CMD
Non-hazardous synthetic compounds for research analysis and data OR (Bis Benzyl Ribo Sugar)	0.045	0.045	CMD
4-(2-Chloroethyl) Morpholine Hydrochloride (CEM HCl)	0.2	0.487	CMD
Methyl-alpha-D-Mannopyranoside	0	1.091	CMD

***3) Raw Material Consumption (Consumption of raw material per unit of product)***

<b><i>Name of Raw Materials</i></b>	<b><i>During the Previous financial Year</i></b>	<b><i>During the current Financial year</i></b>	<b><i>UOM</i></b>
Cynuric Chloride	235.200	290.400	MT/A
Aluminium Chloride	470.403	580.40	MT/A
Resorcinol	339.549	199.650	MT/A
Xylene	271.620	335.79	MT/A
Methanol	472.252	86.72	MT/A
Heptane	101.885	111.20	MT/A
MIBK	57.090	58.04	MT/A
Sulphuric Acid	877.184	491.95	MT/A
Caustic Lye	208.371	56.72	MT/A
ACETONE	63.289	76.05	MT/A
ALUMINIUM CHLORIDE (ANH)	928.206	104.02	MT/A
ANISOLE	257.700	90.44	MT/A
DICHLOROMETHANE (MDC)	736.768	468.11	MT/A
ETHYL ACETATE	299.386	126.91	MT/A
HEXANE	434.575	247.27	MT/A
Methanol METHANOL	16.211	145.71	MT/A
METHYL TERT BUTYL ETHER	5.852	71.20	MT/A
PROPIONYL CHLORIDE	2.897	68.98	MT/A
TOLUENE	74.332	53.12	MT/A



4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Briquette	10950	6863.417	MT/A
HSD	5825400	155257	Ltr/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
pH	8.5	7.51	NA	NA	NA
TDS	2100	1200	NA	NA	NA
COD	250	162	NA	NA	NA
BOD	100	19	NA	NA	NA
Oil and Grease	10	1	NA	NA	NA
chlorides	600	379	NA	NA	NA
sulphates	1000	146.9	NA	NA	NA
phenols	5	1.254	NA	NA	NA
Total Residual Chlorine	1	0	NA	NA	NA
TAN	50	25.2	NA	NA	NA
Free Ammonical Nitrogen	4	0.1	NA	NA	NA
Phosphate	5	2.236	NA	NA	NA
Total Suspended Solids	100	14	NA	NA	NA
Cyanide	0.2	0	NA	NA	NA

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
SPM/TPM	150	84.65	NA	NA	NA
SO2	120	25.11	NA	NA	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	1.02	2.0	MT/A
37.3 Concentration or evaporation residues	84	181.97	MT/A
35.3 Chemical sludge from waste water treatment	32.08	46.72	MT/A

33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	15.49	43.52	MT/A
Other Hazardous Waste	298.75	366.69	MT/A
Other Hazardous Waste	171.70	656.73	MT/A
Other Hazardous Waste	374.39	665.74	MT/A
20.3 Distillation residues	61.582	87.67	MT/A

## 2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

## Part-E

### SOLID WASTES

#### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Ash from Briquette boiler	962510	1167760	Kg/Annum

#### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

#### 3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

## Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

#### 1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	2.0	MT/A	NA
20.3 Distillation residues	87.67	MT/A	NA
37.3 Concentration or evaporation residues	181.97	MT/A	NA
35.3 Chemical sludge from waste water treatment	46.72	MT/A	NA
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	43.52	MT/A	NA
Other Hazardous Waste	366.69	MT/A	NA
Other Hazardous Waste	656.73	MT/A	NA
Other Hazardous Waste	665.74	MT/A	NA

#### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	MT/A	NA

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Domestic	0	0	0	0	0	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.  
[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
For ETP	O & M	20

<u>[B] Investment Proposed for next Year</u>		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
For ETP	O & M	25

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Innovassynth Technologies (I) LTD

Name & Designation

Mr. Sanjay Chowrasia, AVP-EHS

UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000047691

Submitted On:

26-09-2022

## **Annexure – 16**

### **AAQM reports**



QF/LA/10-A

Report Date: 19.09.2022

**Analysis Test Reports for Ambient Air Monitoring**

Name of the Industry :	M/s Innovassynth Technologies (India) Ltd. Khopoli.		
Date of Sampling :	08.09.2022	Sample Description :	Ambient
Date of Receipt of Sample :	12.09.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	12.09.2022	Date of Analysis Completed :	19.09.2022
Sampling Plan :	QF/LA/01 B – 31.08.2022	Sampling Location :	Near Main Gate
Sampling Method :	Please refer test method		

Sample Code No.	GFL/AA/22/09-08	Limits	Units	Test Method
Location	Near Main Gate			
Date/Duration	08.09.2022 1 hr. (CO, NH <sub>3</sub> & O <sub>3</sub> ) & 24 hrs. (Rest of the pollutants)			
PM 10	53.87	100	µg/m <sup>3</sup>	IS 5182 (Part-23):2006, Reaffirmed-2017 & NAAQS Volume-I
PM 2.5	24.21	60	µg/m <sup>3</sup>	CPCB NAAQS Volume-I
SO <sub>2</sub> conc.	14.44	80	µg/m <sup>3</sup>	IS 5182 (Part-2):2001 Reaffirmed-2017 CPCB NAAQS Volume I
NO <sub>x</sub> conc.	31.22	80	µg/m <sup>3</sup>	IS 5182 (Part-06):2006 Reaffirmed-2017 & CPCB NAAQS Volume I
Lead	0.05	01	µg/m <sup>3</sup>	CPCB NAAQS Volume I
Ammonia	102.08	400	µg/m <sup>3</sup>	CPCB NAAQS Volume I
Carbon Monoxide	<1.81	04	mg/m <sup>3</sup>	IS 5182 (Part-10):1999 Reaffirmed-2014
Arsenic	ND	06	ng/m <sup>3</sup>	CPCB NAAQS Volume I
Nickel	15.58	20	ng/m <sup>3</sup>	CPCB NAAQS Volume I
Ozone	<39.0	180	µg/m <sup>3</sup>	IS 5182 (Part-09):1974 Reaffirmed-2014
Benzene	0.31	05	µg/m <sup>3</sup>	IS 5182 (Part-11):2006 Reaffirmed- 2017 & CPCB NAAQS volume I
Benzo(a)pyrene	<0.1	01	ng/m <sup>3</sup>	IS 5182 (Part-12) Reaffirmed-2014 & CPCB NAAQS volume I
Sampling carried out using HVS GOLDFINCH/INST-HVS/03 Calibrated on : 15.09.2021 Due on : 14.09.2022			Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on : 02.03.2022 Due on 01.03.2023	

Remark- ND= Not Detected

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QF/LA/10-A

Report Date: 19.09.2022

**Analysis Test Reports for Ambient Air Monitoring**

Name of the Industry :	M/s Innovassynth Technologies (India) Ltd. Khopoli.		
Date of Sampling :	07.09.2022	Sample Description :	Ambient
Date of Receipt of Sample :	12.09.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	12.09.2022	Date of Analysis Completed :	19.09.2022
Sampling Plan :	QF/LA/01 B - 31.08.2022	Sampling Location :	Near ETP Plant
Sampling Method :	Please refer test method		

Sample Code No.	GFL/AA/22/09-09	Limits	Units	Test Method
Location	Near ETP Plant			
Date/Duration	07.09.2022 1 hr. (CO, NH <sub>3</sub> & O <sub>3</sub> ) & 24 hrs. (Rest of the pollutants)			
PM 10	46.92	100	µg/m <sup>3</sup>	IS 5182 (Part-23):2006, Reaffirmed-2017 & NAAQS Volume-I
PM 2.5	16.53	60	µg/m <sup>3</sup>	CPCB NAAQS Volume-I
SO <sub>2</sub> conc.	22.45	80	µg/m <sup>3</sup>	IS 5182 (Part-2):2001 Reaffirmed-2017 CPCB NAAQS Volume I
NO <sub>x</sub> conc.	24.40	80	µg/m <sup>3</sup>	IS 5182 (Part-06):2006 Reaffirmed-2017 & CPCB NAAQS Volume I
Lead	0.05	01	µg/m <sup>3</sup>	CPCB NAAQS Volume I
Ammonia	173.55	400	µg/m <sup>3</sup>	CPCB NAAQS Volume I
Carbon Monoxide	<1.81	04	mg/m <sup>3</sup>	IS 5182 (Part-10):1999 Reaffirmed-2014
Arsenic	ND	06	ng/m <sup>3</sup>	CPCB NAAQS Volume I
Nickel	15.97	20	ng/m <sup>3</sup>	CPCB NAAQS Volume I
Ozone	<39.0	180	µg/m <sup>3</sup>	IS 5182 (Part-09):1974 Reaffirmed-2014
Benzene	0.39	05	µg/m <sup>3</sup>	IS 5182 (Part-11):2006 Reaffirmed- 2017 & CPCB NAAQS volume I
Benzo(a)pyrene	<0.1	01	ng/m <sup>3</sup>	IS 5182 (Part-12) Reaffirmed-2014 & CPCB NAAQS volume I
Sampling carried out using HVS GOLDFINCH/INST-HVS/03 Calibrated on : 15.09.2021 Due on : 14.09.2022			Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on : 02.03.2022 Due on 01.03.2023	

Remark- ND= Not Detected

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**QF/LA/10-A**

**Report Date: 19.09.2022**

**Analysis Test Reports for Ambient Air Monitoring**

Name of the Industry :	M/s Innovassynth Technologies (India) Ltd. Khopoli.		
Date of Sampling :	09.09.2022	Sample Description :	Ambient
Date of Receipt of Sample :	12.09.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	12.09.2022	Date of Analysis Completed :	19.09.2022
Sampling Plan :	QF/LA/01 B – 31.08.2022	Sampling Location :	Near Colony Canteen
Sampling Method :	Please refer test method		

Sample Code No.	GFL/AA/22/09-10	Limits	Units	Test Method
Location	Near Colony Canteen			
Date/Duration	09.09.2022 1 hr. (CO, NH <sub>3</sub> & O <sub>3</sub> ) & 24 hrs. (Rest of the pollutants)			
PM 10	59.35	100	µg/m <sup>3</sup>	IS 5182 (Part-23):2006, Reaffirmed-2017 & NAAQS Volume-I
PM 2.5	21.70	60	µg/m <sup>3</sup>	CPCB NAAQS Volume-I
SO <sub>2</sub> conc.	<8.5	80	µg/m <sup>3</sup>	IS 5182 (Part-2):2001 Reaffirmed-2017 CPCB NAAQS Volume I
NO <sub>x</sub> conc.	28.76	80	µg/m <sup>3</sup>	IS 5182 (Part-06):2006 Reaffirmed-2017 & CPCB NAAQS Volume I
Lead	0.05	01	µg/m <sup>3</sup>	CPCB NAAQS Volume I
Ammonia	132.95	400	µg/m <sup>3</sup>	CPCB NAAQS Volume I
Carbon Monoxide	<1.81	04	mg/m <sup>3</sup>	IS 5182 (Part-10):1999 Reaffirmed-2014
Arsenic	ND	06	ng/m <sup>3</sup>	CPCB NAAQS Volume I
Nickel	11.75	20	ng/m <sup>3</sup>	CPCB NAAQS Volume I
Ozone	<39.0	180	µg/m <sup>3</sup>	IS 5182 (Part-09):1974 Reaffirmed-2014
Benzene	0.62	05	µg/m <sup>3</sup>	IS 5182 (Part-11):2006 Reaffirmed- 2017 & CPCB NAAQS volume I
Benzo(a)pyrene	<0.1	01	ng/m <sup>3</sup>	IS 5182 (Part-12) Reaffirmed-2014 & CPCB NAAQS volume I
Sampling carried out using HVS GOLDFINCH/INST-HVS/03 Calibrated on : 15.09.2021 Due on : 14.09.2022			Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on : 02.03.2022 Due on 01.03.2023	

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Report Date: 19.09.2022

**Analysis Test Reports for Ambient Air Monitoring**

Name of the Industry :	M/s Innovassynth Technologies (India) Ltd. Khopoli.		
Date of Sampling :	06.09.2022	Sample Description :	Ambient
Date of Receipt of Sample :	12.09.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	12.09.2022	Date of Analysis Completed :	19.09.2022
Sampling Plan :	QF/LA/01 B - 31.08.2022	Sampling Location :	Near MPP BASF Plant
Sampling Method :	Please refer test method		

Sample Code No.	GFL/AA/22/09-11	Limits	Units	Test Method
Location	Near MPP BASF Plant			
Date/Duration	06.09.2022 1 hr. (CO, NH <sub>3</sub> & O <sub>3</sub> ) & 24 hrs. (Rest of the pollutants)			
PM 10	68.02	100	µg/m <sup>3</sup>	IS 5182 (Part-23):2006, Reaffirmed-2017 & NAAQS Volume-I
PM 2.5	27.04	60	µg/m <sup>3</sup>	CPCB NAAQS Volume-I
SO <sub>2</sub> conc.	25.60	80	µg/m <sup>3</sup>	IS 5182 (Part-2):2001 Reaffirmed-2017 CPCB NAAQS Volume I
NO <sub>x</sub> conc.	63.41	80	µg/m <sup>3</sup>	IS 5182 (Part-06):2006 Reaffirmed-2017 & CPCB NAAQS Volume I
Lead	0.05	01	µg/m <sup>3</sup>	CPCB NAAQS Volume I
Ammonia	128.27	400	µg/m <sup>3</sup>	CPCB NAAQS Volume I
Carbon Monoxide	<1.81	04	mg/m <sup>3</sup>	IS 5182 (Part-10):1999 Reaffirmed-2014
Arsenic	ND	06	ng/m <sup>3</sup>	CPCB NAAQS Volume I
Nickel	13.68	20	ng/m <sup>3</sup>	CPCB NAAQS Volume I
Ozone	<39.0	180	µg/m <sup>3</sup>	IS 5182 (Part-09):1974 Reaffirmed-2014
Benzene	0.70	05	µg/m <sup>3</sup>	IS 5182 (Part-11):2006 Reaffirmed- 2017 & CPCB NAAQS volume I
Benzo(a)pyrene	<0.1	01	ng/m <sup>3</sup>	IS 5182 (Part-12) Reaffirmed-2014 & CPCB NAAQS volume I
Sampling carried out using HVS GOLDFINCH/INST-HVS/03 Calibrated on : 15.09.2021 Due on : 14.09.2022			Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on : 02.03.2022 Due on 01.03.2023	

Remark- ND= Not Detected

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**QF/LA/10-A****Report Date: 21.11.2022****Analysis Test Reports for Ambient Air Monitoring**

<b>Name of the Industry :</b>	<b>M/s Innovassynth Technologies (India) Ltd. Khopoli.</b>		
<b>Date of Sampling :</b>	12.11.2022	<b>Sample Description :</b>	Ambient
<b>Date of Receipt of Sample :</b>	14.11.2022	<b>Sample Collected by :</b>	Laboratory
<b>Date of Analysis Started :</b>	14.11.2022	<b>Date of Analysis Completed :</b>	21.11.2022
<b>Sampling Plan :</b>	QF/LA/01 B - 30.10.2022	<b>Sampling Location :</b>	Project Site
<b>Sampling Method :</b>	Refer test method		

Sample Code No.	GFL/AA/22/11-52	Limits	Units	Test Method
Location	Indira Nagar			
Date/Duration	12.11.2022 1 hr. (CO, NH <sub>3</sub> & O <sub>3</sub> ) & 24 hrs. (Rest of the pollutants)			
PM 10	55.39	100	µg/m <sup>3</sup>	IS 5182(part-23):2006, Reaffirmed-2017 & NAAQS Volume-I
PM 2.5	25.37	60	µg/m <sup>3</sup>	CPCB NAAQS Volume-I
SO <sub>2</sub> conc.	13.86	80	µg/m <sup>3</sup>	IS 5182(part-2):2001 Reaffirmed-2017 CPCB NAAQS Volume I
NO <sub>x</sub> conc.	32.17	80	µg/m <sup>3</sup>	IS 5182(part-06):2006 Reaffirmed-2017 CPCB NAAQS Volume I
Lead	0.03	01	µg/m <sup>3</sup>	CPCB NAAQS Volume I
Ammonia	41.99	400	µg/m <sup>3</sup>	CPCB NAAQS Volume-I
Carbon Monoxide	ND	04	mg/m <sup>3</sup>	IS 5182(part-10):1999 Reaffirmed-2014
Arsenic	0.58	06	ng/m <sup>3</sup>	CPCB NAAQS Volume I
Nickel	3.85	20	ng/m <sup>3</sup>	CPCB NAAQS Volume I
Ozone	<39.0	180	µg/m <sup>3</sup>	IS 5182(part-09):1974 Reaffirmed-2014
Benzene	ND	05	µg/m <sup>3</sup>	IS 5182 ( Part 12) Reaffirmed-2014 & CPCB NAAQS volume I
Benzopyrene	<0.1	01	ng/m <sup>3</sup>	IS 5182 ( Part 12) Reaffirmed-2014 & CPCB NAAQS volume I
Sampling carried out using HVS GOLDFINCH/INST-HVS/01 Calibrated on : 14.09.2022 Due on : 13.09.2023		Sampling carried out using ADS GOLDFINCH/INST-ADS/43 Calibrated on : 03.06.2022 Due on : 02.06.2023		

Remark- ND= Not Detected

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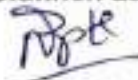
**QF/LA/10-A****Report Date: 21.11.2022****Analysis Test Reports for Ambient Air Monitoring**

<b>Name of the Industry :</b>	<b>M/s Innovassynth Technologies (India) Ltd. Khopoli.</b>		
<b>Date of Sampling :</b>	<b>11.11.2022</b>	<b>Sample Description :</b>	<b>Ambient</b>
<b>Date of Receipt of Sample :</b>	<b>14.11.2022</b>	<b>Sample Collected by :</b>	<b>Laboratory</b>
<b>Date of Analysis Started :</b>	<b>14.11.2022</b>	<b>Date of Analysis Completed :</b>	<b>21.11.2022</b>
<b>Sampling Plan :</b>	<b>QF/LA/01 B - 30.10.2022</b>	<b>Sampling Location :</b>	<b>Project Site</b>
<b>Sampling Method :</b>	<b>Refer test method</b>		

<b>Sample Code No.</b>	<b>GFL/AA/22/11-51</b>	<b>Limits</b>	<b>Units</b>	<b>Test Method</b>
<b>Location</b>	<b>Sarswati Nagar</b>			
<b>Date/Duration</b>	<b>11.11.2022 1 hr. (CO, NH<sub>3</sub> &amp; O<sub>3</sub>) &amp; 24 hrs. (Rest of the pollutants)</b>			
<b>PM 10</b>	<b>57.84</b>	<b>100</b>	<b>µg/m<sup>3</sup></b>	<b>IS 5182(part-23):2006,Reaffirmed-2017 &amp;NAAQS Volume-I</b>
<b>PM 2.5</b>	<b>27.21</b>	<b>60</b>	<b>µg/m<sup>3</sup></b>	<b>CPCB NAAQS Volume-I</b>
<b>SO<sub>2</sub> conc.</b>	<b>12.06</b>	<b>80</b>	<b>µg/m<sup>3</sup></b>	<b>IS 5182(part-2):2001 Reaffirmed-2017 CPCB NAAQS Volume I</b>
<b>NO<sub>x</sub> conc.</b>	<b>22.90</b>	<b>80</b>	<b>µg/m<sup>3</sup></b>	<b>IS 5182(part-06):2006 Reaffirmed-2017 CPCB NAAQS Volume I</b>
<b>Lead</b>	<b>0.06</b>	<b>01</b>	<b>µg/m<sup>3</sup></b>	<b>CPCB NAAQS Volume I</b>
<b>Ammonia</b>	<b>28.96</b>	<b>400</b>	<b>µg/m<sup>3</sup></b>	<b>CPCB NAAQS Volume-I</b>
<b>Carbon Monoxide</b>	<b>ND</b>	<b>04</b>	<b>mg/m<sup>3</sup></b>	<b>IS 5182(part-10):1999 Reaffirmed-2014</b>
<b>Arsenic</b>	<b>1.33</b>	<b>06</b>	<b>ng/m<sup>3</sup></b>	<b>CPCB NAAQS Volume I</b>
<b>Nickel</b>	<b>4.51</b>	<b>20</b>	<b>ng/m<sup>3</sup></b>	<b>CPCB NAAQS Volume I</b>
<b>Ozone</b>	<b>&lt;39.0</b>	<b>180</b>	<b>µg/m<sup>3</sup></b>	<b>IS 5182(part-09):1974 Reaffirmed-2014</b>
<b>Benzene</b>	<b>ND</b>	<b>05</b>	<b>µg/m<sup>3</sup></b>	<b>IS 5182 ( Part 12)Reaffirmed-2014 &amp; CPCB NAAQS volume I</b>
<b>Benzopyrene</b>	<b>&lt;0.1</b>	<b>01</b>	<b>ng/m<sup>3</sup></b>	<b>IS 5182 ( Part 12)Reaffirmed-2014 &amp; CPCB NAAQS volume I</b>
<b>Sampling carried out using HVS GOLDFINCH/INST-HVS/01 Calibrated on : 14.09.2022 Due on : 13.09.2023</b>		<b>Sampling carried out using ADS GOLDFINCH/INST-ADS/43 Calibrated on : 03.06.2022 Due on : 02.06.2023</b>		

Remark- ND= Not Detected

----- End of Report -----

**For Goldfinch Laboratory**

**Verified and Authorized by**

## **Annexure – 17**

# **Ambient Noise Reports**



**QF/LA/10-C****Report Date: 19.09.2022****Analysis Test Report For Ambient Noise Monitoring**

Name of the Industry :	M/s Innovassynth Technologies (India) Ltd. Khopoli.		
Date of Sampling :	08.09.2022	Sample Description :	Noise
Date of Receipt of Sample :	12.09.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	12.09.2022	Date of Analysis Completed :	19.09.2022
Sampling Plan :	QF/LA/01 B – 31.08.2022	Sampling Location :	As mentioned below
Sampling Method :	Please refer test method		

		Ambient Noise Level		Test Method
Sample Code No	Location	Day dB	Night dB	
GFL/AN/22/09-20	Near Main Gate	61.4	57.0	IS 9989-1981 Reaffirmed 2014
GFL/AN/22/09-21	Near Utility/ PP3,4,5	66.0	60.7	
GFL/AN/22/09-22	Near PP1,PP2	65.8	60.2	
GFL/AN/22/09-23	MPP Ground Floor	66.8	64.6	
GFL/AN/22/09-24	MPP 1 <sup>st</sup> Floor	63.0	60.2	
GFL/AN/22/09-25	MPP 2 <sup>nd</sup> Floor	69.0	62.4	
GFL/AN/22/09-26	PP1 Ground Floor	67.0	60.7	
GFL/AN/22/09-27	PP1 1st Floor	64.8	60.7	
GFL/AN/22/09-28	PP3/4/5 Ground Floor	63.7	60.7	
GFL/AN/22/09-29	PP3/4/5 1st Floor	65.8	61.2	
GFL/AN/22/09-30	DG Area (Near Boiler)	70.3	64.6	
GFL/AN/22/09-31	Near Boiler	68.0	63.9	
GFL/AN/22/09-32	Near PP6	63.4	61.2	
GFL/AN/22/09-33	1000 KVA DG ON	74.2	—	
	<b>M.P.C.B. LIMIT</b>	<b>75</b>	<b>70</b>	

Survey carried out using dB meter  
ID No. GOLDFINCH/INST-DB METER/32  
Calibrated On:01.11.2021  
Calibration due: 31.10.2022

----- End of Report -----

For Goldfinch Laboratory

Verified & Authorized by

Page 1 of 1



## **Annexure – 18**

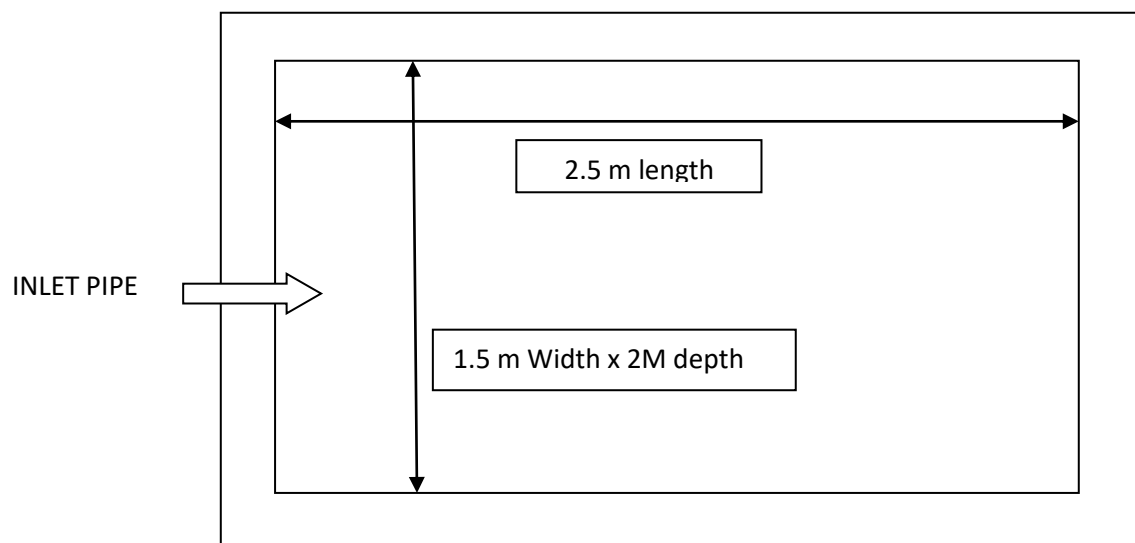
# **Schematic of the rain water harvesting scheme**

## RAIN WATER HARVESTING

### Rain Water Harvesting Structure

SIZE 2.5 x 1.5 x 2.0 mts

Number of Rain Water Harvesting pits : 01 no



Number of Rain Water Harvesting Tank filled with Pebbel, Gravel & sand in layers.

## Rainwater Harvesting Photographs



## **Annexure – 19**

**Speed post receipts of the  
submission of 8th six  
monthly compliance  
reports**



## EC Compliance - Half Yearly Return ( Oct 21 to Mar 2022)

Sanjay Chowrasia <schowrasia@INNOVASSYNTH.COM>

Wed 6/1/2022 11:49 AM

To: ecompliance-mh@gov.in <ecompliance-mh@gov.in>

Cc: kapil.awtani@goldfinchengg.com <kapil.awtani@goldfinchengg.com>; Dnyaneshwar Deore <env@INNOVASSYNTH.COM>

To,  
**Deputy Director General of Forests (Central),  
West Central Zone  
Regional Office  
New Secretariate Building  
Opposite VCA Ground, Civil Lines  
Nagpur- 440001**

Dear Sir,

**Subject: Expansion project of Innovassynth Technologies (I) Limited for manufacturing of Synthetic Organic Chemicals – Submission of the six monthly compliance report for the period October 2021 to March 2022 –Reg.**

**Ref:** Environmental Clearance File no. J-11011/20/2017-IA-II (I) dated 12<sup>th</sup> April, 2018 granted by MOEFCC, Govt. Of India.

We have received the Environment Clearance from Ministry of Environment, Forest & Climate Change (MOEFCC), Government of India on 12<sup>th</sup> April, 2018 for our Project, after that we have made compliances as per requirement.

We are submitting herewith the details of our project during the period of October 2021 to March 2022. With this reference we wish to submit the details required as below:

1. Point wise compliance to stipulation as laid down by ministry along with necessary Annexures
2. Consent to Operate
3. Environmental monitoring reports enclosed as Annexures

The above EC compliance can be downloaded as a single pdf from the We transfer link below: (sending as a link because of bulk size) :

<https://we.tl/t-MW0Z8Yslze>

Please note that the above link is valid till 7<sup>th</sup> June 2022

We hope you will find same in line with your requirements.

Thanking You,

**For Innovassynth Technologies (I) Limited**

**Sanjay R Chowrasia  
9820026298  
Authorized Signatory**

Track on [www.indiapost.gov.in](http://www.indiapost.gov.in)

भारत पोस्ट



ENR675160701N INR:69778675160

OFF JAGDISH NAGAR S.O (410216)

Counter No:1,08/06/2022,11:23

To:REGIONAL OFFICE, MWH POLLUTION CO

PIR:400614, Konkan Bhavan S.O

From:INDIANPOST, OLD MUMBAI PINE

Wt:545gms

Amt:47.20(Cash)Tax:7.20

(Track on [www.indiapost.gov.in](http://www.indiapost.gov.in))

(Dial 18002666666) (Wear Masks, Stay Safe)

भारत पोस्ट



ENR67516066IN INR:69778675160

OFF JAGDISH NAGAR S.O (410216)

Counter No:1,08/06/2022,11:24

To:SUB REGIONAL, MWH POLLUTION CO

PIR:400614, Konkan Bhavan S.O

From:INDIANPOST, OLD MUMBAI PINE

Wt:590gms

Amt:47.20(Cash)Tax:7.20

(Track on [www.indiapost.gov.in](http://www.indiapost.gov.in))

(Dial 18002666666) (Wear Masks, Stay Safe)

## **Annexure –20**

**Advertisements published  
in newspapers about  
accord of EC**



**INNOVASSYNTH**

## **INNOVASSYNTH TECHNOLOGIES (I) LTD.**

**REGD. OFFICE & WORKS :**

Old Mumbai - Pune Road, Khopoli 410 203,

Dist. Raigad, Maharashtra (India)

Tel.: +91 - 2192 - 260100, 262828, 263328, Fax : +91 - 2192 - 263628

email : [ill@innovassynth.com](mailto:ill@innovassynth.com), Website : [www.innovassynth.com](http://www.innovassynth.com)

CIN No. U24110MH2001PLC134105

To,

Date: 27/04/2018

The Additional PCCF (C),  
MoEFCC Regional Office (WCZ),  
Ground Floor, East Wing,  
New Secretariat Building,  
Civil Line, Nagpur - 1

**Subject:** Advertisement in News papers regarding Environmental clearance letter issued on dated 12<sup>th</sup> April 2018 by MOEFCC to M/s Innovassynth Technologies (India) Ltd. Khopoli.

Dear Sir,

This to inform you that, M/s Innovassynth Technologies (India) Ltd. Khopoli, was granted for Environmental Clearance certificate (F. No. J-1101 112012017-IA-II(I)) on dated 12<sup>th</sup> April 2018 by MOEFCC & hard copy of it received by speed post on 23<sup>rd</sup> April 2018 on company address. Subject to this and as per clause mentioned Environmental Clearance certificate 10.1 (XV), "The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <http://moef.nic.in>, This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry".

Accordingly, we have published advertisement regarding receipt of Environmental clearance letter in local Marathi language news paper "Loksatta" and in English news paper "Indian Express" dated 27/4/2018, Cut out of the both advertisement which was published are attached with this letter for your kind reference.

Thanking You,

Yours Sincerely,

For, Innovassynth Technologies (I) Ltd.

A. Raghuveer

(Chief Finance Officer)  
Authorized Signatory

Enclosure: 1) Copy of both advertisement papers.  
2) Copy of EC certificate.



## TO WHOMSOEVER IT MAY CONCERN ENVIRONMENTAL CLEARANCE

We m/s Innovassynth Technologies (I) Limited are pleased to inform that the Ministry of Environment & Climate Change Department, Government of India has accorded Environmental Clearance for expansion of Synthetic Organic Chemicals total 350 TPM of products & 2453 TPM of by products at S. No. 9-24, Wasarang 34-36, Chinchwali, Khopoli, District - Raigad, Maharashtra [File No.: J-11011/20/2017-1A-II(I)] dated 12th April 2018. The copies of clearance letter are available with the Maharashtra Pollution Control Board and also be seen at web site at <http://environmentclearance.nic.in>

The Daily English Newspaper

"INDIAN EXPRESS"

DT: 27/04/2018

Mumbai Edition

Page No # 25

## पर्यावरणविषयक परवानगी

आम्ही मे. इनोव्हेंसिथ टेक्नॉलॉजिस् (इं) लिमिटेड सर्वांना कळवू इच्छितो की, आमच्या कारखान्याचा पत्ता : सर्व्हे नं. ९-२४, वासरंग, ३४-३६ चिंचवली खोपोली असून, प्रस्तावित कृत्रिम ऑरगॅनिक रसायने यांच्या विस्ताराबाबतच्या प्रस्तावाला एकूण उत्पादने ३५० मे. टन महिना आणि उप-उत्पादने २४५३ मे. टन महिना. (संदर्भ पत्राद्वारे J-11011/20/2017-IAII(I) दि. १२ एप्रिल २०१८ रोजी पर्यावरणविषयक मंजूरी पर्यावरण मंत्रालय व हवामानातील बदल, भारत सरकारने दिली आहे. याची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाकडे मिळू शकेल, त्याचप्रमाणे इंटरनेटच्या संकेतस्थळ <http://environmentclearance.nic.in> वर पाहता येईल.

The Daily Maharashtra Newspaper  
"LOKSABHA"

MUMBAI EDITION

DT- 27/06/2018

Page No. # 07

## **Annexure – 21**

# **Latest valid Public Liability Insurance Copies**



POLICY SCHEDULE FOR PUBLIC LIABILITY (Industrial Risks) INSURANCE

UIN NUMBER - IRDAN190P0078100001

Insured's Name	: INNOVASSYNTH TECHNOLOGIES (I) LTD.
<b>Insured's Details</b>	
Customer ID	: PO08520948
Address	: OLD MUMBAI PUNE ROAD KHOPOLI DIST.RAIGAD, KHOPOLI ,MAHARASHTRA, 410203
Phone No	:
E-mail/Fax	: accounts@innovassynth.com, /
PAN No	:
GSTIN/UIN	: 27AAACI8899L1ZO / NA
<b>Issuing Office Details</b>	
Office Code	: C.D.U.II (120200)
Address	: NEW INDIA CENTRE, 2ND FLOOR, 17-A, COOPERAGE ROAD ,400001
Phone No	: 02222026055 / 02222830170
E-mail/Fax	: nia.120200@newindia.co.in / 02222821980
S.Tax Regn. No	: AAACN4165CST178
GSTIN	: 27AAACN4165C3ZP
SAC	: 997139 (Other non-life insurance services excl RI)

<b>Policy Details</b>			
Policy Number	: 12020036220600000001	<b>Business Source Code</b>	
Period of Insurance	: From: 02/04/2022 12:00:01 AM To: 01/04/2023 11:59:59 PM	Dev.Off. level/Broker/Corp. Agent/Web Aggregator/CPSC User	: DIRECT BUSINESS - (2D9382101)
Date of Proposal	: 02-Apr-22	Agent/Bancassurance/S pecified Person	:
Prev. Policy no.	: 12020036210600000001	Phone No	: NA / NA
Client Type	: Corporate	E-mail/Fax	: / /

Premium(₹)	GST(₹)	Total(₹)	Total (₹ in words)	Receipt No. & Date
75000	13500	88500	RUPEES EIGHTY-EIGHT THOUSAND FIVE HUNDRED ONLY	1202008121000000320 2 - 28/03/22

Details of risk covered under current year policy:

Retroactive Date	Jurisdiction	AOA	AOA:AOY	AOY	Deductible Type (Amount/Percentage/Amount & Percentage)	India	Deductibles Worldwide excluding USA & Canada	Worldwide including USA & Canada
02/04/2019	India	50000000	1:2	100000000	AMT	25000	0	0
02/04/2019	India	50000000	1:2	100000000	AMT	25000	0	0

Retroactive Dates

Retroactive Date Details	Date	Jurisdiction	AOA	AOA:AOY	AOY	Deductible Type (Amount/Percentage/Amount & Percentage)	India	Deductibles Worldwide excluding USA & Canada	Worldwide including USA & Canada
RETROACTIVE DATE 1	02/04/2019	India	50000000	1:2	100000000	AMT	25000	0	0





Retroactive Date Details	Date	Jurisdiction	AOA	AOA:AOY	AOY	Deductible Type (Amount/Percentage/Amount & Percentage)	India	Worldwide excluding USA & Canada	Worldwide including USA & Canada
RETROACTIVE DATE 2	02/04/2019	India	50000000	1:2	100000000	AMT	25000	0	0

RETRO-DATE IS SUBJECT TO LESSER OF LIMITS - NARROWER OF COVER.

Number of Units	Voluntary Excess
0	0

Type of Manufacturing unit
----------------------------

**Extensions under the Policy**

Name of the Extension	Sub limit of the Extension	Deductibles of the Extension
Godown cover	₹0	0% of Sub Limit
Accidental pollution liability	0	As Per Policy Deductible
Godown cover	0	As Per Policy Deductible
Act of GOD cover	0	As Per Policy Deductible
Act of GOD cover	₹0	0% of Sub Limit
Accidental pollution liability	₹0	0% of Sub Limit

<b>Special Conditions</b>	Policy covers Pollution cover, AOG and Transportation cover. Product liability not covered. Transportation risk covered.
<b>Special Exclusions</b>	NA
<b>Special Excess/Deductible</b>	NA

**Details of risk covered under current year policy:**

Retroactive Date	Jurisdiction	AOA	AOA:AOY	AOY	Deductible Type (Amount/Percentage/Amount & Percentage)	India	Deductibles Worldwide excluding USA & Canada	Worldwide including USA & Canada
02/04/2019	India	50000000	1:2	100000000	AMT	25000	0	0
02/04/2019	India	50000000	1:2	100000000	AMT	25000	0	0

**Retroactive Dates**

Retroactive Date Details	Date	Jurisdiction	AOA	AOA:AOY	AOY	Deductible Type (Amount/Percentage/Amount & Percentage)	India	Deductibles Worldwide excluding USA & Canada	Worldwide including USA & Canada
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Retroactive Date Details	Date	Jurisdiction	AOA	AOA:AOY	AOY	Deductible Type (Amount/Percentage/Amount & Percentage)	India	Worldwide excluding USA & Canada	Worldwide including USA & Canada
RETROACTIVE DATE 1	02/04/2019	India	50000000	1:2	100000000	AMT	25000	0	0
RETROACTIVE DATE 2	02/04/2019	India	50000000	1:2	100000000	AMT	25000	0	0

Type of Manufacturing unit	
Number of Units	Voluntary Excess
NA	NA

Extensions under the Policy

Name of the Extension	Sub limit of the Extension	Deductibles of the Extension
Special Conditions	NA	NA
Special Exclusions	NA	NA
Special Excess/Deductible	NA	NA

This Policy shall be subject to PUBLIC LIABILITY INSURANCE policy clauses attached herewith

Premium and GST Details

	Rate of Tax	Amount in INR
Premium		₹ 75000.00
SGST	9	6750
CGST	9	6750
IGST	0	0

In witness whereof the undersigned being duly authorised by the Insurers and on behalf of the Insurers has (have) hereunder set his (their) hand(s)  
on this 28th day of March, 2022.

For and on behalf of  
The New India Assurance Company Limited

Date of Issue: 28/03/2022	
---------------------------	--

Duly Constituted Attorney(s)

Stamp Duty under the Policy is ₹1/-.

Mudrank \_\_\_\_\_ Dt. \_\_\_\_\_ consolidated Stamp Fees Paid by Pay Order Number \_\_\_\_\_ vide receipt number \_\_\_\_\_ dt. \_\_\_\_\_.

Tax Invoice No : 12020021E0004345



IRDA Registration Number: 190  
NIA PAN NUMBER: AAACN4165C



POLICY SCHEDULE FOR PUBLIC LIABILITY (Act Only) INSURANCE

UIN NUMBER - IRDAN190P0076100001

Insured's Name	:	INNOVASSYNTH TECHNOLOGIES (I) LTD.		
Insured's Details		Issuing Office Details		
Customer ID	:	PO08520948	Office Code	: C.D.U.II (120200)
Address	:	OLD MUMBAI PUNE ROAD KHOPOLI DIST.RAIGAD,  KHOPOLI ,MAHARASHTRA, 410203	Address	: NEW INDIA CENTRE,2ND FLOOR, 17- A,COOPERAGE ROAD  ,400001
Phone No	:		Phone No	: 02222026055 / 02222830170
E-mail/Fax	:	accounts@innovassynth.com, /	E-mail/Fax	: nia.120200@newindia.co.in / 02222821980
PAN No	:		S.Tax Regn. No	: AAACN4165CST178
GSTIN/UIN	:	27AAACI8899L1ZO / NA	GSTIN	: 27AAACN4165C3ZP
	:		SAC	: 997139 (Other non-life insurance services excl RI)

<b>Policy Details</b>			
Policy Number	: 12020036223300000004	Business Source Code	
Period of Insurance	: From: 01/06/2022 12:00:01 AM To: 31/05/2023 11:59:59 PM	Dev.Off. level/Broker/Corp. Agent/Web Aggregator/CPSC User	: DIRECT BUSINESS - (2D9382101)
Date of Proposal	: 01-Jun-22	Agent/Bancassurance/S pecified Person	:
Prev. Policy no.	: 120200362133000000003	Phone No	: NA / NA
Client Type	: Corporate	E-mail/Fax	: / /

Premium(₹)	ERF Premium(₹)	GST(₹)	Total (₹)	Total (₹ in words)	Receipt No. & Date
21684	21684	3904	47272	RUPEES FORTY-SEVEN THOUSAND TWO HUNDRED SEVENTY- TWO ONLY	1202008122000000049 8 - 03/06/22

Details of risk covered under current year policy:

								Deductible s	
Retroactive Date	Paid Up Capital	No Of Locations Involved	AOA	AOA:AOY	AOY	Annual Turnover - Previous Year	Annual Turnover - Proposed Year	No of workmen	No of Other Employee
01/04/2011	<= 15 Crore	1	50000000	1:3	150000000	800000000	800000000	100	100

Retroactive Dates

									Deductible s	
Retroactive Date Details	Date	Paid Up Capital	No Of Locations Involved	AOA	AOA:AOY	AOY	Annual Turnover - Previous Year	Annual Turnover - Proposed Year	No of workmen	No of Other Employee
RETROACTIVE DATE 1	01/04/2011	<=15Crore	1	50000000	1.3	15000000	80000000	80000000	100	100

RETRO-DATE IS SUBJECT TO LESSER OF LIMITS - NARROWER OF COVER.

Extensions under the Policy

Name of the Extension	Sub Limit of the Extension	Deductibles of the Extension
-----------------------	----------------------------	------------------------------





Special Conditions		
	NA	
Special Exclusions	NA	
Special Excess/Deductible	0	
Retroactive Dates	Date	
Policy Retroactive Date	01/04/2011	

The Policy shall be subject to PUBLIC LIABILITY (Act Only) INSURANCE Policy clauses attached herewith.

Clauses	Description	
Premium and GST Details		
	Rate of Tax	Amount in INR
Premium		₹ 43368.00
SGST	9	1952
CGST	9	1952
IGST	0	0

In witness whereof the undersigned being duly authorised by the Insurers and on behalf of the Insurers has (have) hereunder set his (their) hand(s) on this 03rd day of June, 2022.

For and on behalf of  
The New India Assurance Company Limited

Date of Issue: 03/06/2022

Duly Constituted Attorney(s)

Stamp Duty under the Policy is ₹1

Mudrank \_\_\_\_\_ Dt. \_\_\_\_\_ consolidated Stamp Fees Paid by Pay Order Number \_\_\_\_\_ vide receipt number \_\_\_\_\_ dt. \_\_\_\_\_.

Tax Invoice No : 12020022E0000703

IRDA Registration Number: 190  
NIA PAN NUMBER: AAACN4165C

**Annexure – 22**

**Training record**


## TRAINING ATTENDANCE RECORD

Name of Topic / SOP:	Selection, Use, Handling, Storage & Disposal		
Document No. (If any):	OK PPE → Sop/EHP/001		
Date of Training:	19/02/2022		
Time:	From:	To:	

Sr. No.	Name of the Trainee	Employee Id.	Department	Designation	Signature
1)	Shilpa O. Patil	1665	PP-3/4/5	Sr. officer	Shilpa
2)	Anand S. Patel	2309	PP-3/4/5	officer	Anand
3)	Siddhant A. Patil	2127	PP-3/4/5	officer	Siddhant
4)	Pankaj S. Chavan	2480	PP-3/4/5	officer	Pankaj
5)	Suresh Jadhav	1773	PP-3/4/5	Asst. Manager	Suresh
6)	Vinod Kapse	PPB109	PP-3/4/5	Officer	Vinod
7)	Rajeshwar Patel	62	PP-3/4/5	Casual	Rajeshwar
8)	Rajeshwar Patil	49	PP-3/4/5	Casual	Rajeshwar
9)	Sachin Mane	20	PP-3/4/5	-/-	Sachin
10)	Vijay Sambhare	53	PP-3/4/5	-/-	Vijay
11)	Balaji Patil	43	PP-3/4/5	-/-	Balaji
12)	Ankur Khe Pate	122	PP-3/4/5	-/-	Ankur
13)	Bhansali A. Kharang	1894	PP-3/4/5	Executive	Bhansali

Name of Trainer:	Mr. B. D. Narute		
Designation:	Sr. officer	Sign & Date:	B. D. Narute



 INNOVASSYNTH		INNOVASSYNTH TECHNOLOGIES (I) LTD. KHOPOLI			
		TRAINING ATTENDANCE RECORD			050
Name of the Topic /SOP	Incident learning ( Lift Fire incident PP-03)			Date	22/02/2022
	- SOP-EHS-001 - PPE Usage, maintain and disposal.			Duration	30 min.
SOP / Reference No.					
Sr. No.	Name of the Participant	Employee No.	Department	Designation	Signature
01	Kaush Bhoir	34	PP335	Helper.	<i>Kaush</i>
02	SACHIN JADHAV	33	PP31415	Helper	<i>Sachin</i>
03	Vijay Sathane	113	PP31415	Helper	<i>Vijay</i>
04	Vilas Ghole	67	PP31415	Helper	<i>Vilas</i>
05	Aanesh Telange	78	PP31415	Filter	<i>Aanesh</i>
06	Bhim Mahato	56	PP31415	Helper	<i>Bhim</i>
07	Sachin Deshmukh	2448	PP31415	OFFICER	<i>SPD</i>
08	Vipul S. More	2471	PP-31415	Officer	<i>V</i>
09	Sachin D. Shinde	2404	PP-31415	Officer	<i>SD</i>
NA					
Name of trainer: <i>Ajhar Bhaskar</i>			Designation: <i>Asst Manager</i>		
Signature: <i>Ajhar Bhaskar</i>			Date: <i>22/02/2022</i>		











INNOVASSYNTH

## INNOVASSYNTH TECHNOLOGIES (I) LTD. KHOPOLI

## TRAINING ATTENDANCE RECORD

041

Name of the Topic / SOP

Chemical Safety &amp; Diphoterine kit use

Date

24/11/2021

Duration

15:00 to 15:30

SOP / Reference No.

Sr. No.

Name of the Participant

Employee No.

Department

Designation

Signature

1	Siobhath A. Patil	2127	PP31415	officer	3AP
2	Anand S. Patel	2309	PP-31415	officer	24/11/2021
3	Vishal Sanjay Pawar	2463	PP-3/4/5	Officer	24/11/2021
4	Shilpa O. Patil	1665	PP-3/4/5	Officer	24/11/2021
5	Suyata V. More	1625	PP-3/4/5	St. officer	24/11/2021
6	Scamir O. Shirke	2404	PP-3/4/5	Executive	24/11/2021
7	Sachin P. Deshmukh	2448	PP31415	Officer	SPD
8	Sand Shinde	2372	PP-31415	officer	SPD
9	Ishak B. Mane	2456	PP31415	officer	SPD
10	Pankaj S. Chavan	2480	PP-3/4/5	officer	SPD
11)	Mr. Badave D.R.	1770	PP-31415	Dy. Manager	24/11/2021
12)	Anash S. Raut	6570	PP-3/4/5	Trainee	24/11/2021
13	Rajesh Thorat	2269	PP-3/4/5	Dy. Manager	24/11/2021
14)	Mr. Vinod. Kapse	109	PP-31415	Technical fiter	24/11/2021
15)	Mr. Rajendra Prajapati	49	PP-31415	operator	24/11/2021
16)	Mr. Sachin Mane	20	PP-31415	operator	24/11/2021
17)	Mr. Balaji Patande	43	PP-31415	operator	24/11/2021

Name of trainer:

Krishna Khorde

Designation:

Dy. Manager

Signature:

Date:

24/11/2021



INNOVASSYNTH

## INNOVASSYNTH TECHNOLOGIES (I) LTD. KHOPOLI

## TRAINING ATTENDANCE RECORD

042

Name of the Topic / SOP

Chemical Safety &amp; Diphoterine kit Use

Date

24/11/2021

Duration

15:00 to 15:30

SOP / Reference No.

Sr. No.

Name of the Participant

Employee No.

Department

Designation

Signature

1) Dnyaneshwar Khopade

122

PP-31415

operator

2) Mr. Baliram Kasid

121

PP-31415

operator

Name of trainer: Krishna Kharde

Designation: Dy. Manager

Signature:

Date: 24/11/2021



## **Annexure – 23**

# **Details of the firefighting facilities**

## Fire Fighting System Details

### A) Fire Pump House No. 01: Non-BASF

#### 1. Main Hydrant Pump : 01 No.

<b>Make</b>	- Mather Greaves	<b>Type</b>	- NA
<b>Head</b>	- 70 meter	<b>Capacity</b>	- 1000 GPM
<b>Speed</b>	- 2300 rpm		

#### Motor details: -

<b>Make</b>	- Mather Greaves	<b>Frame</b>	- NA
<b>Rating</b>	- 105 HP	<b>Voltage</b>	- 400/440 V
<b>Current</b>	- 134 A	<b>Speed</b>	- 2920 rpm

#### 2. Diesel Pump : 01 No.

<b>Make</b>	- Kirloskar	<b>Type</b>	- 4R 1040 NB
<b>Head</b>	- 80 meter	<b>Capacity</b>	- 137 m <sup>3</sup> /hr.
<b>Speed</b>	- 2300 rpm		

#### Motor details: -

<b>Make</b>	- Kirloskar oil Engine	<b>Frame</b>	- NA
<b>Rating</b>	- 69 HP	<b>Voltage</b>	- 415 V
<b>Current</b>	- NA	<b>Speed</b>	- 2300 rpm

#### 3. Jockey Pump : 01 No.

<b>Make</b>	- Kirloskar	<b>Type</b>	- DB32/26
<b>Head</b>	- 70 meter	<b>Capacity</b>	- 3.05 LPS
<b>Speed</b>	- 2900 rpm		

#### Motor details: -

<b>Make</b>	-	<b>Frame</b>	- K 132 M
<b>Rating</b>	- 12.5 HP	<b>Voltage</b>	- 415/+/-10
<b>Current</b>	- 17 A	<b>Speed</b>	- 2800 rpm

#### 4. Fire hydrant tank capacity : 200 m<sup>3</sup>

### B) Fire Pump House No. 02: BASF

#### 1. Main Hydrant Pump : 01 No.

<b>Make</b>	- Kirloskar	<b>Type</b>	- DB100/26
<b>Head</b>	- 70 meter	<b>Capacity</b>	- 47.15 LPS
<b>Speed</b>	- 2900 rpm		

**Motor details: -**

<b>Make</b>	- Crompton Greaves	<b>Frame</b>	- D250
<b>Rating</b>	- 75 HP	<b>Voltage</b>	- 415.0 V
<b>Current</b>	- 93 A	<b>Speed</b>	- 2940 rpm

**2. Diesel Pump : 01 No.**

<b>Make</b>	- Kirloskar	<b>Type</b>	- 4R 1040 NB
<b>Head</b>	- 80 meter.	<b>Capacity</b>	- 137 m <sup>3</sup> /hr
<b>Speed</b>	- 2900 rpm		

**Motor details: -**

<b>Make</b>	- KEC	<b>Frame</b>	- KH160M
<b>Rating</b>	- 69 HP	<b>Voltage</b>	- 415.0 V
<b>Current</b>	- NA	<b>Speed</b>	- 2300 rpm

**3. Jockey Pump : 01 No.**

<b>Make</b>	- Kirloskar	<b>Type</b>	- DB 32/26
<b>Head</b>	- 70 meter	<b>Capacity</b>	- 3.05 LPS
<b>Speed</b>	- 2900 rpm		

**Motor details: -**

<b>Make</b>	- KEC	<b>Frame</b>	- KH160M
<b>Rating</b>	- 12.5 HP	<b>Voltage</b>	- 415.0 V
<b>Current</b>	- 17 A	<b>Speed</b>	- 2800 rpm

**4. Fire hydrant tank capacity : 500 m<sup>3</sup>****Total Single Hydrant Post : 99****Hydrant hose pipe : 198****Total Nos. of Fire Extinguishers : 560**

DCP : 180

DP : 30

CO<sub>2</sub> : 150

ABC : 100

Mechanical Foam : 100

**AFFF Foam : 150 liters.****SCBA set : 15 Nos.**

## **Annexure – 24**

# **Stack monitoring reports**



**QF/LA/10-B****Report Date: 19.09.2022****Analysis Test Report For Stack Emission Monitoring**

Name of the Industry :	M/s Innovassynth Technologies (India) Ltd. Khopoli.		
Date of Sampling :	07.09.2022	Sample Description :	Stack
Date of Receipt of Sample :	12.09.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	12.09.2022	Date of Analysis Completed :	19.09.2022
Sampling Plan :	QF/LA/01 B – 31.08.2022	Sampling Location :	Boiler Stack
Sampling Method :	Please refer test method		

Sample Code No.	GFL/AS/ 22/09-12	Limits	Units	Test Method
Stack Attached To	Boiler Stack			IS 11255 (Part-3):2008 Reaffirmed 2018
Stack Diameter	1.30		meter	
Stack Height	30		meter	
Fuel used & Consumption	Briquette 8		T/ Day	
Velocity of flue gases	6.34		m/s	
Temperature of flue Gases	121		°C	
Flow/volume of flue Gases	30279.45		m³/Hr	
Particulate Matter	84.65	150	mg/Nm³	IS 11255 (Part-1):1985 Reaffirmed - 2014
Sulphur Di Oxide Content	25.11	120	Kg/Day	IS 11255 (Part-2):1985 Reaffirmed - 2014

Sampling carried out using

Stack Monitoring Kit

ID No. GOLDFINCH/INST-STACK/45,46,47

Calibrated on -13.10.2021

Calibration Due on - 12.10.2022

----- End of Report -----

For Goldfinch Laboratory



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QF/LA/10-B

Report Date: 19.09.2022

**Analysis Test Report For Stack Emission Monitoring**

Name of the Industry :	M/s Innovassynth Technologies (India) Ltd. Khopoli.		
Date of Sampling :	07.09.2022	Sample Description :	Stack
Date of Receipt of Sample :	12.09.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	12.09.2022	Date of Analysis Completed :	19.09.2022
Sampling Plan :	QF/LA/01 B – 31.08.2022	Sampling Location :	DG Stack 1000
Sampling Method :	Please refer test method		KVA

Sample Code No.	GFL/AS/ 22/09-13	Limits	Units	Test Method
Stack Attached To	DG Stack 1000 KVA			IS 11255 (Part-3):2008 Reaffirmed 2018
Stack Diameter	0.25		meter	
Stack Height	6.3		meter	
Fuel used & Consumption	Diesel 180		Kg/Hr	
Velocity of flue gases	8.59		m/s	
Temperature of flue Gases	147		°C	
Flow/volume of flue Gases	1517.16		m³/Hr	
Particulate Matter	80.51	150	mg/Nm³	IS 11255 (Part-1):1985 Reaffirmed - 2014
Sulphur Di Oxide Content	0.63	88.8	Kg/Day	IS 11255 (Part-2):1985 Reaffirmed - 2014

Sampling carried out using

Stack Monitoring Kit

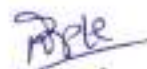
ID No. GOLDFINCH/INST-STACK/45,46,47

Calibrated on –13.10.2021

Calibration Due on – 12.10.2022

----- End of Report -----

For Goldfinch Laboratory



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**QF/LA/10-B****Report Date: 19.09.2022****Analysis Test Report For Stack Emission Monitoring**

<b>Name of the Industry :</b>	<b>M/s Innovassynth Technologies (India) Ltd. Khopoli.</b>		
<b>Date of Sampling :</b>	07.09.2022	<b>Sample Description :</b>	Stack
<b>Date of Receipt of Sample :</b>	12.09.2022	<b>Sample Collected by :</b>	Laboratory
<b>Date of Analysis Started :</b>	12.09.2022	<b>Date of Analysis Completed :</b>	19.09.2022
<b>Sampling Plan :</b>	QF/LA/01 B – 31.08.2022	<b>Sampling Location :</b>	DG Stack 1010
<b>Sampling Method :</b>	Please refer test method		KVA

Sample Code No.	GFL/AS/ 22/09-14	Limits	Units	Test Method
Stack Attached To	DG Stack 1010 KVA			IS 11255 (Part-3):2008 Reaffirmed 2018
Stack Diameter	0.406		meter	
Stack Height	30		meter	
Fuel used & Consumption	Diesel 180		Kg/Hr	
Velocity of flue gases	8.45		m/s	
Temperature of flue Gases	152		°C	
Flow/volume of flue Gases	3936.17		m³/Hr	
Particulate Matter	90.17	150	mg/Nm³	IS 11255 (Part-1):1985 Reaffirmed - 2014
Sulphur Di Oxide Content	0.82	88.8	Kg/Day	IS 11255 (Part-2):1985 Reaffirmed - 2014

Sampling carried out using

Stack Monitoring Kit

ID No. GOLDFINCH/INST-STACK/45,46,47

Calibrated on –13.10.2021

Calibration Due on – 12.10.2022

----- End of Report -----

**For Goldfinch Laboratory****Verified & Authorized by**



QF/LA/10-B

Report Date: 19.09.2022

### Analysis Test Report For Stack Emission Monitoring

Name of the Industry :	M/s Innovassynth Technologies (India) Ltd. Khopoli.		
Date of Sampling :	07.09.2022	Sample Description :	Stack
Date of Receipt of Sample :	12.09.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	12.09.2022	Date of Analysis Completed :	19.09.2022
Sampling Plan :	QF/LA/01 B – 31.08.2022	Sampling Location :	DG Stack 500 KVA
Sampling Method :	Please refer test method		

Sample Code No.	GFL/AS/ 22/09-15	Limits	Units	Test Method
Stack Attached To	DG Stack 500 KVA			IS 11255 (Part-3):2008 Reaffirmed 2018
Stack Diameter	0.254		meter	
Stack Height	6.3		meter	
Fuel used & Consumption	Diesel 90		Kg/Hr	
Velocity of flue gases	8.47		m/s	
Temperature of flue Gases	154		°C	
Flow/volume of flue Gases	1544.25		m³/Hr	
Particulate Matter	79.05	150	mg/Nm³	IS 11255 (Part-1):1985 Reaffirmed - 2014
Sulphur Di Oxide Content	0.32	45.6	Kg/Day	IS 11255 (Part-2):1985 Reaffirmed - 2014

Sampling carried out using  
Stack Monitoring Kit  
ID No. GOLDFINCH/INST-STACK/45,46,47  
Calibrated on –13.10.2021  
Calibration Due on – 12.10.2022

----- End of Report -----

For Goldfinch Laboratory



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QF/LA/10-B

Report Date: 19.09.2022

## Analysis Test Report For Stack Emission Monitoring

Name of the Industry :	M/s Innovassynth Technologies (India) Ltd. Khopoli.		
Date of Sampling :	06.09.2022- 08.09.2022	Sample Description :	Stack
Date of Receipt of Sample :	12.09.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	12.09.2022	Date of Analysis Completed :	19.09.2022
Sampling Plan :	QF/LA/01 B – 31.08.2022	Sampling Location :	Scrubber Stack
Sampling Method :	Please refer test method		

Sample Code No.	Location	Parameter	Result	Limits	Units	Test Method
GFL/AS/R/22/09-16	PP3 Scrubber	Acid Mist	0.018	35	mg/Nm <sup>3</sup>	USEPA Method 0008
GFL/AS/R/22/09-17	MPP Plant BASF Scrubber 701B	Acid Mist	0.013	35	mg/Nm <sup>3</sup>	
GFL/AS/R/22/09-18	MPP Plant BASF Scrubber 1702	Acid Mist	0.013	35	mg/Nm <sup>3</sup>	

Sampling Carried out using  
Handy Sampler Monitoring Kit  
ID No. GOLDFINCH/INSTR-HD Sampler/83  
Calibrated on -05.08.2022  
Calibrated due -04.08.2023

----- End of Report -----

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## **Annexure – 25**

# **Workplace air monitoring reports**

**QF/LA/10-D**

**Report Date: 19.09.2022**

**Analysis Test Report For Workplace Monitoring**

Name of the Industry :	M/s Innovassynth Technologies (India) Ltd. Khopoli.		
Date of Sampling :	06.09.2022	Sample Description :	Workplace
Date of Receipt of Sample :	12.09.2022	Sample Collected by :	Laboratory
Date of Analysis Started :	12.09.2022	Date of Analysis Completed :	19.09.2022
Sampling Plan :	QF/LA/01 B - 31.08.2022	Sampling Location :	Tank Farm Area
Sampling Method :	Please refer test method		

Sample Code No.	Location	Parameter	Result	Limit	Unit	Test Method
GFL/AW/22/09-19	Tank Farm Area	Hydrochloric Acid	2.52	7.0	mg/m <sup>3</sup>	EPA 0051

Sampling Carried out using  
Handy Sampler Monitoring Kit  
ID No. GOLDFINCH/INSTR-HD Sampler/83  
Calibrated on -05.08.2022  
Calibrated due -04.08.2023

----- End of Report -----

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QF/LA/09

Report Date: 29.11.2022

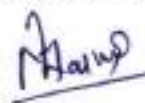
**Analysis Test Report**

Name & Address of the Client :	M/s. Innovasynth Technologies (India) Limited, Khopoli		
Date of Sampling :	21.11.2022	Sample Description :	Soil Sample
Date of Receipt of Sample :	21.11.2022	Sample Quantity :	1000 g each
Date of Analysis Started :	22.11.2022	Sample Collected by :	Laboratory
Date of Analysis Completed :	29.11.2022	Sample Container :	Plastic Bag
Sampling Plan :	QF/LA/01-B 30.10.22	Sampling Location :	Near ETP Area
Sampling Method :	--		

Sr. No.	Parameters	Unit	GFL/EC-S/22/11/07	Test Method Used
1.	Bulk Density	kg/m <sup>3</sup>	1047.72	Weight by Volume
2.	Moisture content	%	15.22	IS:2720 (Part 02) : 1973
3.	Total Organic Carbon	%	0.87	IS:2720 (Part 22) : 1972
4.	Organic Matter	%	1.50	IS:2720 (Part 22) : 1972
5.	pH	--	7.49	IS:2720 (Part 26) : 1987
6.	Electrical Conductivity(1 :2 Soil: Water Extract)	uS/cm	1737	IS:14767 - 2000
7.	Water Holding Capacity	%	63.27	IS 14765:2000 RA-2016
8.	Sodium as Na (Exchangeable)	meq/kg	17.63	Manual for soil testing, DAC-MOA,GOI
9.	Sodium as Na	mg/kg	32.40	USEPA 3050 B
10.	Potassium as K	mg/kg	2.21	USEPA 3050 B
11.	Calcium as Ca	mg/ kg	159.76	USEPA 3050 B
12.	Magnesium as mg	mg/ kg	71.89	USEPA 3050 B
13.	Sodium Absorption Ratio (SAR)	--	1.42	By Calculation

-----End of Report -----

For Goldfinch Laboratory



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Page 1 of 2



QF/LA/09

Report Date: 29.11.2022

## Analysis Report

Name & Address of the Client :	M/s. Innovasynth Technologies (India) Limited, Khopoli		
Date of Sampling :	21.11.2022	Sample Description :	Soil Sample
Date of Receipt of Sample :	21.11.2022	Sample Quantity :	1000 g each
Date of Analysis Started :	22.11.2022	Sample Collected by :	Laboratory
Date of Analysis Completed :	29.11.2022	Sample Container :	Plastic Bag
Sampling Plan :	QF/LA/01-B 30.10.22	Sampling Location :	Near ETP Area
Sampling Method :	—		

Sr. No.	Parameters	Unit	GFL/EC-S/22/11/07	Test Method Used
14	Boron as B (Available)	mg/ kg	0.066	Manual for soil testing, DAC-MOA,GOI
15	Cation Exchange Capacity	Meq/100g	18.37	IS 2720(Part-24)1976
16	Total Nitrogen	mg/ kg	498.76	IS:14684-1999
17	Available Phosphorus as P <sub>2</sub> O <sub>5</sub>	mg/ kg	120.28	Manual for soil testing,DAC-MOA,GOI
18	Available Potassium as K <sub>2</sub> O	mg/kg	45.22	Manual for soil testing,DAC-MOA,GOI
19	Total Phosphorous as P	mg/kg	253.03	Manual for soil testing,DAC-MOA,GOI
20	Copper as Cu	mg/kg	51.54	USEPA 3050 B
21	Iron as Fe	mg/kg	316.84	USEPA 3050 B
22	Manganese as Mn	mg/kg	184.82	USEPA 3050 B
23	Available Manganese as Mn	mg/kg	60.63	Manual for soil testing,DAC-MOA,GOI
24	Available Iron as Fe	mg/kg	70.49	Manual for soil testing,DAC-MOA,GOI
25	Available copper as Cu	mg/kg	6.15	Manual for soil testing,DAC-MOA,GOI
26	Available Zinc as Zn	mg/kg	28.34	Manual for soil testing,DAC-MOA,GOI

-----End of Report -----

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Page 2 of 2

QF/LA/09

Report Date: 29.11.2022

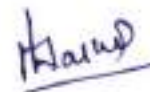
## Analysis Test Report

Name & Address of the Client :	M/s. Innovasynth Technologies (India) Limited, Khopoli		
Date of Sampling :	21.11.2022	Sample Description :	Soil Sample
Date of Receipt of Sample :	21.11.2022	Sample Quantity :	1000 g each
Date of Analysis Started :	22.11.2022	Sample Collected by :	Laboratory
Date of Analysis Completed :	29.11.2022	Sample Container :	Plastic Bag
Sampling Plan :	QF/LA/01-B 30.10.22	Sampling Location :	Soil near Hazardous waste
Sampling Method :	--		

Sr. No.	Parameters	Unit	GFL/EC-S/22/11/08	Test Method Used
1.	Bulk Density	kg/m <sup>3</sup>	1243.24	Weight by Volume
2.	Moisture content	%	17.51	IS:2720 (Part 02) : 1973
3.	Total Organic Carbon	%	0.84	IS:2720 (Part 22) : 1972
4.	Organic Matter	%	1.45	IS:2720 (Part 22) : 1972
5.	pH	--	8.33	IS:2720 (Part 26) : 1987
6.	Electrical Conductivity(1 :2 Soil: Water Extract)	uS/cm	263	IS:14767 - 2000
7.	Water Holding Capacity	%	56.50	IS 14765:2000 RA-2016
8.	Sodium as Na (Exchangeable)	meq/kg	26.30	Manual for soil testing, DAC-MOA,GOI
9.	Sodium as Na	mg/kg	22.30	USEPA 3050 B
10.	Potassium as K	mg/kg	2.16	USEPA 3050 B
11.	Calcium as Ca	mg/ kg	119.87	USEPA 3050 B
12.	Magnesium as mg	mg/ kg	47.95	USEPA 3050 B
13.	Sodium Absorption Ratio (SAR)	--	2.19	By Calculation

-----End of Report -----

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Page 1 of 2



QF/LA/09

Report Date: 29.11.2022

**Analysis Test Report**

Name & Address of the Client :	M/s. Innovasynth Technologies (India) Limited, Khopoli		
Date of Sampling :	21.11.2022	Sample Description :	Soil Sample
Date of Receipt of Sample :	21.11.2022	Sample Quantity :	1000 g each
Date of Analysis Started :	22.11.2022	Sample Collected by :	Laboratory
Date of Analysis Completed :	29.11.2022	Sample Container :	Plastic Bag
Sampling Plan :	QF/LA/01-B 30.10.22	Sampling Location :	Soil near Hazardous waste
Sampling Method :	—		

Sr. No.	Parameters	Unit	GFL/EC-S/22/11/08	Test Method Used
14	Boron as B (Available)	mg/ kg	0.092	Manual for soil testing, DAC-MOA,GOI
15	Cation Exchange Capacity	Meq/100g	55.37	IS 2720(Part-24)1976
16	Total Nitrogen	mg/ kg	625.11	IS:14684-1999
17	Available Phosphorus as P <sub>2</sub> O <sub>5</sub>	mg/ kg	132.0	Manual for soil testing,DAC-MOA,GOI
18	Available Potassium as K <sub>2</sub> O	mg/kg	94.14	Manual for soil testing,DAC-MOA,GOI
19	Total Phosphorous as P	mg/kg	246.05	Manual for soil testing,DAC-MOA,GOI
20	Copper as Cu	mg/kg	92.06	USEPA 3050 B
21	Iron as Fe	mg/kg	238.38	USEPA 3050 B
22	Manganese as Mn	mg/kg	116.27	USEPA 3050 B
23	Available Manganese as Mn	mg/kg	19.77	Manual for soil testing,DAC-MOA,GOI
24	Available Iron as Fe	mg/kg	47.42	Manual for soil testing,DAC-MOA,GOI
25	Available copper as Cu	mg/kg	11.97	Manual for soil testing,DAC-MOA,GOI
26	Available Zinc as Zn	mg/kg	11.55	Manual for soil testing,DAC-MOA,GOI

-----End of Report -----

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Page 2 of 2