



# ANUH PHARMA LTD.

**Registered Office :** 3-A, Shivsagar Estate, North Wing,  
Dr. Annie Besant Road, Worli, **MUMBAI** - 400 018. **INDIA.**  
**Tel. :** +91-22-6622 7575 • **Fax :** +91-22-6622 7600 / 7500  
**E-Mail :** anuh@sk1932.com • **CIN:** L24230MH1960PLC011586

14<sup>th</sup> January 2021

To,  
The Director,  
Ministry of Environment Forests & Climate Change,  
Regional Office, (WCZ),  
Ground Floor, East Wing,  
New Secretariat Building,  
Civil Lines, Nagpur – 440001

**Subject:** Submission of 8<sup>th</sup> half yearly compliance report for Anuh Pharma Ltd plot no-E-17/3,  
E-17/4 & E-18, MIDC Tarapur Boisar, Palghar, Maharashtra.

**Ref.:** Environmental Clearance Letter No. SEAC-2015/ CR-268/TC-2 dated 17<sup>th</sup> October, 2016  
granted by SEIAA, Govt. of Maharashtra.

Dear Sir,

We have received the Environmental Clearance from State Environment Impact Assessment Authority (SEIAA), Government of Maharashtra on 17<sup>th</sup> October, 2016 for our proposed expansion & new project for manufacturing of advanced intermediates & Bulk drugs at plot no-E-17/3, E-17/4 & E-18, MIDC Tarapur Boisar, Palghar, Maharashtra.

Now, we are submitting herewith the details of our project during the period of April 2020 – September 2020. Please consider this as 8<sup>th</sup> EC compliance report.

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

1. Current status of Project & Point wise compliance report
2. Data sheet of the project
3. Environmental Monitoring reports
4. Other documents viz. EC letter, Consent to Establish, Consent to operate, Form VI, Form V, Form VII, etc. which are attached as annexures.

We hope you will find same in line with your requirements and will suffice the purpose.

Thanking You.

For Anuh Pharma Ltd



Authorized Signatory



**Factory :** E-17/3, E-17/4 & E-18, M.I.D.C., Tarapur, BOISAR, Dist. Palghar - 401 506, INDIA. **Tel.:** +91-7410055574 / 75

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**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**

SEAC-2015/CR-268/TC-2  
Environment department,  
Room No. 217, 2<sup>nd</sup> floor,  
Mantralaya Annexe,  
Mumbai- 400 032.  
Date: 17<sup>th</sup> October, 2016.

To,  
M/s. Anuh Pharma Ltd.  
3-A, Shivsagar Estate, North Wing,  
Dr. /Annie Besant Road,  
Worli, Mumbai- 400 018.

Subject: Environment clearance for Expansion and new project for manufacturing of advanced intermediates and bulk drugs at plot no- E-17/3, E-17/4 & E-18, MIDC Tarapur Boiser, Palghar by M/s. Anuh Pharma Ltd.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 127<sup>th</sup> meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 103<sup>rd</sup> meeting.

2. It is noted that the proposal is considered by SEAC-I under screening category 5(f) B1 as per EIA Notification 2006.

**Brief Information of the project submitted by Project Proponent is as:**

1	Name of project	M/s AnuhPharma Ltd. Expansion & New project for manufacturing of Advanced Intermediates and Bulk Drugs
2	Name, address, e-mail & contact number of proponent	Mr.Vivek Shah 3-A,Shivsagar Estate, North Wing, Dr. Annie Besant Road, Worli,Mumbai-400018 e-mail : <a href="mailto:vivek@sk1932.com">vivek@sk1932.com</a> contact number :022 27781881/82
3	Name of consultant	M/s. Goldfinch Engineering Systems Pvt. Ltd.
4	Accreditation of consultant (NABET Accreditation)	S. No. 75 in QCI NABET List 166 (Jan. 2015)-for the proposed project category (5f) of the MoEF EIA notification Schedule
5	New project/expansion in existing project/modernizatio	Expansion and New project

	n/diversification in existing project																						
6	If expansion/diversification, whether environmental clearance has been obtained for existing project (If yes enclose a copy with compliance table)	No. The facility was started way back in 1980 and there was no requirement of EC at that time. Consent to operate was obtained from MPCB and renewed from time to time.																					
7	Activity schedule in the EIA Notification	5 (f) B																					
8	Area Details	Total plot area - 11580 sq. m. Proposed Built up area - 3491 sq. m.																					
9.	Name of the Notified Industrial Area/ MIDC area	Boiser, Tarapur Industrial Estate																					
10.	TOR given by SEAC? (If yes then specify the meeting)	Yes. 113 <sup>th</sup> SEAC Meeting																					
11.	Estimated capital cost of the project (Including cost for land, building, plant and machinery separately)	Rs.34.45 Cr.																					
12.	Location details of the project:	Latitude : 19 <sup>o</sup> 48' 06.3 N Longitude: 72 <sup>o</sup> 44' 02.7 E. Location : Tarapur MIDC, Palghar, Maharashtra Elevation above mean sea level : approximately 46 ft (13.89 m)																					
13.	Distance from protected areas/ critically polluted areas/ Eco Sensitive area/ inter- state boundaries	No such area in the vicinity.																					
14.	Raw materials (including process chemicals, catalysts & additives)	Please refer table below																					
	<table border="1"> <thead> <tr> <th>S r. N o</th> <th>PRODUCT</th> <th>Monthly Production (Kg)</th> <th>SOLVENTS</th> <th>Consumption/Kg</th> <th>Monthly Consumption (Kg)</th> <th>Monthly Consumption (Tons)</th> </tr> </thead> <tbody> <tr> <td rowspan="2">1</td> <td rowspan="2">Atorvastatin Calcium</td> <td rowspan="2">20000</td> <td>Cyclohexane</td> <td>20.25</td> <td>405000</td> <td>405.00</td> </tr> <tr> <td>IPA</td> <td>37.25</td> <td>745000</td> <td>745.00</td> </tr> </tbody> </table>						S r. N o	PRODUCT	Monthly Production (Kg)	SOLVENTS	Consumption/Kg	Monthly Consumption (Kg)	Monthly Consumption (Tons)	1	Atorvastatin Calcium	20000	Cyclohexane	20.25	405000	405.00	IPA	37.25	745000
S r. N o	PRODUCT	Monthly Production (Kg)	SOLVENTS	Consumption/Kg	Monthly Consumption (Kg)	Monthly Consumption (Tons)																	
1	Atorvastatin Calcium	20000	Cyclohexane	20.25	405000	405.00																	
			IPA	37.25	745000	745.00																	

		MeOH	24.85	497000	497.00
		Aromatic Derivative	1.065	21300	21.30
		Aliphatic Compound	1.595	31900	31.90
		HCl	0.015		
		NaOH	0.075		
		Calcium Chloride	0.185	3700	3.70
		MIBK	3.5	70000	70.00
		MeOH	5.875		0.00
		Acetone	2.465		0.00
		BCFI	0.53	10600	10.60
		Br-OTBN	0.77	15400	15.40
		TBAB	0.025	500	0.50
		Toluene	4.135	82700	82.70
		NaOH	0.24	4800	4.80
		TEA	0.065	1300	1.30
		TEA.HCL	1.4	28000	28.00
		HCl	0.315		
		Ethyl Acetate	1.97		
		Sodium Sulphate	0.025		
		Sodium bicarbonate	0.095		
		Sodium hydrosulphite	0.05	1000	1.00
		Sodium azide	0.605	12100	12.10
		NaNO2	0.24	4800	4.80
		Sodium borohydride	0.04	800	0.80
		Charcoal	0.07		
		K2CO3	0.175	3500	3.50
		Hyflow	0.07		
		Acetone	7.98		
		Ethyl Acetate	0.76		
		Butanol	5.54	110833.3	110.83
		MeOH	5.54		
		Benzimidazole Derivative	0.76	15166.7	15.17
		Br-OTBN	0.68	13666.7	13.67
		ammonia	0.06	1166.7	1.17
		Charcoal	0.03		
		Hyflo	0.03		
		KOH	0.19	3833.3	3.83
		NaOH	0.45		
		Acetic Acid	0.71	14166.7	14.17
		MeOH	9.97	199400.0	199.40
		MDC	12.12	242400.0	242.40
	2	Losartan Potassium			
	3	Telmisartan			
	4	Clopidogrel Bisulphate			

			IPA	3		
			Acetone	11.32	226400.0	226.40
			Toluene	3.86		
			2- Chlorophenyl Glycine	0.765	15300.0	15.30
			H2SO4	1.02	20400.0	20.40
			Tartaric Acid	0.625	12500.0	12.50
			NH3	1.72	34400.0	34.40
			Thiophene-2-Ethanol	0.595	11900.0	11.90
			Ethyl acetate	3.9	78000	78.00
			Dipotassium hydrogen phosphate	1.5	30000	30.00
			HCl	0.65	13000	13.00
			Hyflo	0.08	1600	1.60
			PTSCI	0.98	19600	19.60
			Sodium sulphate	0.1	2000	2.00
			Carbon	0.08	1600	1.60
			NaOH	0.79	15800	15.80
			Formaldehyde	6.38	127600	127.60
			Sodium bicarbonate	0.3	6000	6.00
5	Erythromycin	10000	Methylene Chloride	5.7	57000	57.00
			Erythromycin Thiocyanate	0.79	7900	7.90
			Caustic Soda	0.07		
6	Stearate		Methyl Chloride	4.1	41000	41.00
			Erythromycin Thiocyanate	0.55		
			Stearic Acid	0.36	3600	3.60
			Caustic Soda	0.07		
7	Estolate		Acetone	1.41	14100	14.10
			Ethyl Acetate	5.63	56300	56.30
			Propionic Anhydride	0.17	1700	1.70
		Erythromycin Thiocyanate	0.59			
		Caustic Soda	0.12	1200	1.20	
		Sodium Lauryl Sulphate	0.31	3100	3.10	
8	Ethambutol Dihydrochloride	20000	IPA	8.125	162500	162.50
			MeOH	2.462	49250	49.25
			2- aminobutanol	6.6	132000	132.00
			EDC	0.457	9150	9.15
			NaOH	0.321	6425	6.43

				25			
				HCl	0.3575	7150	7.15
	9	Pyrazinamide		2-Cyanopyrazine	0.8525	17050	17.05
				NaOH	0.005		
				HCl	0.01		
	10	Vildagliptin		MDC	26	52000	52.00
				Acetonitrile	5.785	11570	11.57
				L-Prolinamide	0.9	1800	1.80
				Dimethyl acetamide	2.7	5400	5.40
				THF	2.7	5400	5.40
				2-Butanone	5.785	11570	11.57
				Na2SO4	0.45	900	0.90
				NaCl	0.45	900	0.90
				TEABC	0.305	610	0.61
				Chloroacetylchloride	0.72	1440	1.44
				NaHCO3	0.45	900	0.90
				Trifluoroacetic anhydride	1.645	3290	3.29
				3-amino-1-adamantol	1.29	2580	2.58
				K2CO3	1.855	3710	3.71
				Ethyl Acetate	2.70	5400	5.40
				Cyclohexane	2.70	5400	5.40
			2000	MDC	13.00		
				MeOH	6.50	13000	13.00
	11	Linagliptin		Xanthine Derivative	1.35	2700	2.70
				Boc amino Pipridine	0.75	1500	1.50
				DMSO	4.30	8600	8.60
				NaCO3	0.48	950	0.95
				CF3COOH	3.20	6400	6.40
				K2CO3	3.20	6400	6.40
				Toluene	6.35	12700	12.70
				IPA	17.04	34080	34.08
				Thiazole derivative	0.58	1160	1.16
	12	Teneligliptin		Piperidine derivative	0.58	1160	1.16
				Sodium triacetoxymborohydride	0.57	1140	1.14
				48% Hydrobromic acid	0.97	1940	1.94
				NaHCO3	0.345	690	0.69

			Charcoal	0.06	120	0.12
			Hyflow	0.06	120	0.12
1 3	Olmesartan	2000	Acetone	24.69	49383.3	49.38
			Acetonitrile	4.32	8633.3	8.63
			MDC	25.13	50266.7	50.27
			Ethyl Acetate	5.72	11433.3	11.43
			Imidazole	0.58	1150.0	1.15
			TTBB	1.47	2933.3	2.93
			Potassium Iodide	0.10	200.0	0.20
			KOH	0.28	550.0	0.55
			K <sub>2</sub> CO <sub>3</sub>	1.23	2450.0	2.45
			TBAB	0.05	100.0	0.10
			Dimethyl acetamide	0.54	1083.3	1.08
			Medoxomil	0.45	900.0	0.90
			HCl	2.26	4516.7	4.52
			1 4	Erythromycin in 11,12 Carbonate	750	Toluene
IPA	4.09	3067.5				3.07
Acetone	2.1	1575				1.58
Erythromycin	0.97	727.5				0.73
Potassium Carbonate	2	1500				1.50
Ethylene Carbonate	0.8	600				0.60
NaCl	0.31	232.5				0.23
1 5	Succinate	2500	Acetone	2.08	5200	5.20
			Ethyl Acetate	4.63	11575	11.58
			Erythromycin Thiocyanate	0.73	1825	1.83
			Caustic Soda	0.16	400	0.40
			3-ECPC	0.25	625	0.63
			Sodium Bicarbonate	0.32	800	0.80
1 6	Rosuvastatin Calcium	1000	MeOH	6.825	6825	6.83
			MDC	27.3	27300	27.30
			Toluene	21.125	21125	21.13
			Acetone	2.425	2425	2.43
			K <sub>2</sub> CO <sub>3</sub>	0.5075	507.5	0.51
			NaCO <sub>3</sub>	5.875	5875	5.88
			Hypo Solution	2.775	2775	2.78
			HBR	1.3	1300	1.30
			tRIPHENYLPHOSPHINE	1	1000	1.00
			Aliphatic compound (D5)	1.125	1125	1.13
			DMSO	9.375	9375	9.38

			Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	4.85	4850	4.85
			Aromatic compound Z7	1.2	1200	1.20
			Pet ether	4.7	4700	4.70
			KBr	0.1	100	0.10
			NaOH	2.35	2350	2.35
			MTBE	4.725	4725	4.73
			HCl	2.975	2975	2.98
			Calcium acetate	0.35	350	0.35
17	Pregabalin	5000	MeOH	5.55	27750	27.75
			MDC	83.3	416500	416.50
			Racemic carbamoyl	5.95	29750	29.75
			R- benzylamine	2.38	11900	11.90
			TEA	1.67	8350	8.35
			NaOH	1.71	8550	8.55
			Sodium Hypochlorite	4.91	24550	24.55
			HCl	2.61	13050	13.05
			Charcoal	0.06	300	0.30
			Hyflow	0.06	300	0.30
18	Levetiracetam	10000	Ethyl Acetate	7.00	70000	70.00
			2-aminobutyramide hydrochloride	0.95	9475	9.48
			4-chlorobutyrylchloride	1.06	10600	10.60
			Sodium Sulphate	1.7	17000	17.00
			KOH	1.7	17000	17.00
			A.C.N	13.25	132500	132.50
			HCl	0.5	5000	5.00
19	Ambroxol Hydrochloride	5000	MeOH	3.73	18650	18.65
			IPA	3.205	16025	16.03
			2-amino-3,5-dibromobenzaldehyde	0.745	3725	3.73
			4-aminocyclohexane	0.345	1725	1.73
			Sodium borohydride	0.115	575	0.58
			HCl	0.24	1200	1.20
20	Moxifloxacin Hydrochloride	750	Acetonitrile	5.67	4250	4.25
			MDC	10.20	7650	7.65
			Charcoal	0.07	50	0.05
			Propionic anhydride	1.23	925	0.93
			Boric Acid	0.17	125	0.13



			Nonane	0.33	247.5	0.25
			Sodium carbonate	0.53	400	0.40
			Gati ester	0.83	625	0.63
			Hyflow	0.07	50	0.05
			HCl	1.23	925	0.93
			MeOH	15.15	11362.5	11.36
			NH3	1.57	1175	1.18
2 1	Sulfadoxine	10000	Methanol	4.495	44950	44.95
			Sulfanilamide	1.812 5	18125	18.13
			Caustic Soda	1.162 5	11625	11.63
			Glacial Acetic Acid	0.787 5	7875	7.88
			Activated Charcoal	0.02	200	0.20
			Hyflo	0.02	200	0.20
			HCl	1.375	13750	13.75
2 2	Sofosbuvir	500	MDC	43	21500	21.50
			MeOH	3.675	1838	1.84
			Ethyl Acetate	23.5	11750	11.75
			Heptane	13.27 5	6638	6.64
			Alanine ester	1.275	638	0.64
			Phenyl dichlorophosphate	1.325	663	0.66
			N-methyl imidazole	3.9	1950	1.95
			Uridine derivative	1.25	625	0.63
			HCl	3.125	1563	1.56
			NaHCO3	3.125	1563	1.56
			Na2SO4	1.55	775	0.78
			Pyridine	34.4	17200	17.20
2 3	Pantoprazole Sodium	9000	t-butyl dimethylsilyl chloride	0.15	75	0.08
			MTBE	11.72 5	5863	5.86
			2-chloromethyl-3,4-dimethoxy pyridine	0.72	6493	6.49
			Methylene chloride	5.60	50400	50.40
			5-Difluoromethoxy-2-mercaptobenzimidazole	0.73	6557	6.56
			NaOH	0.15	1350	1.35

			HCl 30%	0.05	450	0.45
			Methanol	4.80	43200	43.20
			Ammonium Chloride	1.55	13950	13.95
			Hypo solution	4.00	36000	36.00
			Acetone	6.00	54000	54.00
			Activated carbon	0.10	900	0.90
			Hyflo	0.10	900	0.90
			Ethyl Acetate	39.95	19975	19.98
			MDC	36.55	18275	18.28
			MeOH	12.18	6090	6.09
			Toluene	4.81	2405	2.41
			Adamantane derivative	1.97	985	0.99
			Azabicyclo derivative	0.985	492.5	0.49
			N- methyl morpholine	3.32	1660	1.66
			Butyl Acetate	4.67	2335	2.34
			Catalyst	4.63	2315	2.32
			NaOH	2.55	1275	1.28
			NaCl	0.41	205	0.21
			Na2SO4	0.61	305	0.31
			THF	20.8	10400	10.40
			Pyridine	1.95	975	0.98
			Trifluoroacetic anhydride	1.34	670	0.67
			K2CO3	3.57	1785	1.79
			Diethyl ether	10.4	5200	5.20
			HCl	2.37	1185	1.19
			Carbon	0.02	10	0.01
			Hyflow	0.02	10	0.01
			Ethyl Acetate	29.3	293000	293.00
			IPA	23	230000	230.00
			Triazole derivative	1.19	11900	11.90
			Butanoic acid derivative	1.45	14500	14.50
			Carbomoyldimida zole	0.845	8450	8.45
			HCl	5.24	52400	52.40
			NH3	7.36	73600	73.60
			Orthophosphoric acid	0.54	5400	5.40
15	Production Details					

	Sr. No.	Existing Products	Quantity MT / Month
	1	Erythromycin Salts	52.55
	2	Pyrazinamide Salts	
	3	Chloramphenicol	
	4	ChloramphenicomPalimitate	
	5	Sulphadoxine	
Sr. No.	Proposed Products		Quantity MT /Month
Cardiovascular Products			
1	Atorvastatin		20
2	Losartan Potassium		
3	Telmisartan		
4	Clopidogrel		
Erythromycin Derivatives			10
5	Erythromycin		
6	Erythromycin Stearate		
7	Erythromycin Estolate		
Anti-Tuberculosis Products			20
8	Ethambutol		
9	Pyrazinamide		
Gliptins			2
10	Vildagliptin		
11	Linagliptin		
12	Teneligliptin		
Individual Products			
13	Olmesartan		2
14	Erythromycin 11,12 Carbonate		0.75
15	Erythromycin Ethyl Succinate		2.5
16	Rosuvastatin		1
17	Pregabalin		5
18	Levetricetam		10
19	Ambroxol Hydrochloride		5
20	Moxifloxacin Hydrochloride		0.75
21	Sulfadoxine		10
22	Sofobuvir		0.5
23	Pantoprazole		9
24	Saxagliptin		0.5
25	Sitagliptin		10
	Total /Month		109
	Total /Year		1308
Quantity of the product may vary individually in each group keeping total quantity of all groups same.			
Total production capacity will be 52.5 MT/M + 109 MT/M = 161.5 MT/M			

16	Rain water Harvesting (RWH)	To be proposed.								
17.	Total Water Requirement									
	Source	Consumption( CMD)			Loss( CMD)			Effluent( CMD)		
		Existi ng	Propose d	Total	Existin g	Propose d	Tot al	Existi ng	Propose d	Tota l
	Domesti c	17	12	29	3.5	2.5	6	13.5	9.5	23 (STP )
	Industria l Processi ng	15	120	135	3	29	32	12	91	103
	Cooling Tower	50	98	148	45	88	133	5	10	15
	Boiler Feed	6	15	21	5.5	13.5	19	0.5	1.5	2
	Gardenin g	-	Treated water from STP	-	-	-	-	-	-	-
	Total	88	245	333	57	133	190	31	112	143
18.	Storm water drainage	Natural water drainage pattern: Proper and separate storm water drains available, as per natural slope.								
19.	Sewage generation and treatment	Amt of sewage generation ( CMD):23CMD Proposed treatment for the sewage: STP Capacity of STP ( CMD): (If Applicable) 30CMD								
20.	Effluent Characteristics	Sr. No.	Parameter s mg/l except pH	Inlet Effluent Characteristi cs	Outlet Effluent Characterist ics	Effluent discharge standards (MPCB)				
		1	pH	5-9	7-8	6.5 -9.0				
		2	TSS	300-350	50-80	<100				
		3	COD	5000-6000	200-240	<250				
		4	BOD 27°C for 3 days	2000-3000	80-90	<100				
		5	TDS	2000-2100	1600-1900	<2100				
			O&G	20-25	5-6	<10				

21.	ETP details	Amount of effluent generation (CMD): 120 CMD Capacity of the ETP:130 CMD Amount of water send to the CETP: 120CMD Membership of CETP (if require): Yes						
22.	Note on ETP technology to be used	Primary, Secondary and tertiary treatment will be used to treat the trade effluent. Treated water will be sent to CETP for further treatment.						
23.	Disposal of The ETP sludge	ETP sludge will be disposed to CHWTHDF at MWML Taloja.						
24.	Solid Waste Management	Sr. No.	Description	Cat	Existi ng	Propose d	Total	Method of Dispos al
		1	Spent Solvent	28.5	--	100 M3/M	100 M3/M	Downst ream User
		2	ETP Sludge	34.3	0.05 MT/M	3.6 MT/M	3.65 MT/M	MWM L
		3	Carbon Waste	28.8	---	3.4 MT/M	3.4 MT/M	MWM L
4	Empty Drums	33.3	100 nos.	200 nos.	300 nos.	Downst ream User		

2 5.	Atmospheric Emissions (Flue gas characteristics SPM, SO <sub>2</sub> , NO <sub>x</sub> , CO etc.)	Sr. No.	Pollutant	Source of Emission	Emission rate		Concentration in flue gas
					Existing	Proposed	
		1.	SPM	Boiler	0.01kg/hr	0.04 kg/hr	<150 mg/m <sup>3</sup>
2.	SO <sub>2</sub>	Boiler	2.37 kg/hr	5.94 kg/hr	<135 kg/d		

2 6.	Stacks emission Details	Boiler TPH		DG KVA		
		Attached to	Existing	Proposed	Existing	Proposed
		Capacity	0.6 (2 no.)	1.5 (3 No.) One standby	82.5 & 62.5 KVA	150 KVA 2 no.

		Fuel type	LDO	LDO/Briquette	HSD	HSD		
		Fuel qty kg/day	792 kg/day	5940 / 13200	30lit/hr	60 lit/hr.		
		MOC		MS	MS	MS		
		Shape		Round	Rectangular	Rectangular		
		Height m (above ground level)	14	27	-	3.5 above enclosure		
		Control equipments	Stack	Stack	Stack, Acoustic enclosure	Stack, Acoustic enclosure		
27.	Details of Fuel to be used:	Sr. No.	Fuel	Daily consumption (TPD/KLD)		Calorific value (Kcals/kg)	% Ash	% Sulphur
				Existing	Proposed			
		1	LDO	792 kg/day	5940 kg/day	10000	0.02	1.8
		2	Briquette	-	13200 kg/day,	4000	5	-
		3	HSD	30 lit/hr.	60 lit/hr.	11000	0.01	0.05
		Source of Fuel : From market/ out sider fuel companies						
		Mode of Transportation of fuel to site : By Road & through						
28.	Energy	Power Supply : Existing Power requirement : 679 KVA Proposed power requirement : 1018 KVA DG sets: Existing- 2 no. 82.5 & 62.5 KVA capacity Proposed – 2 no. 150 KVA each						
29.	Green Belt Development	Green belt area: 1010 sq. m. Number of species of trees & shrubs to be planted: 50 nos.						
30.	Details of pollution control Systems:	Sr. No.	Source	Existing pollution control system		Proposed to be installed		
		1	Air	By dispersal into atmosphere through chimney of		By dispersal into atmosphere through chimney of adequate/ recommended height.		

				adequate/ recommended height.	
		2	Water	ETP consisting of Primary treatment only.	New ETP consisting of Primary, secondary and Tertiary treatment. Treated effluent will be sent to CETP
		3	Noise	PPE & Acoustic enclosure for existing DG set.	Acoustic enclosure for proposed D.G of 150 KVA & PPE
		4	Solid Waste	Hazardous waste is being disposed to CHWTSDF	Hazardous waste will be disposed to CHWTSDF  There is no increment in Non- hazardous waste

Sr. No.	Description	Existing (MTPM)	Proposed (MTPM)	Total (MTPM)
	<b>Existing Products</b>			
1	Erythromycin Salts	52.50	NIL	52.50
2	Pyrazinamide Salts			
3	Chloramphenicol			
4	Chloramphenicom Palmitate			
5	Sulphadoxin			
6				
	<b>Proposed Products</b>			
<b>A</b>	<b>Cardiovascular Products</b>			
1	Atorvastatin	NIL	20	20
2	Losartan Potassium			
3	Telmisartan			
4	Clopidogrel			
<b>B</b>	<b>Erythromycin Derivatives</b>	NIL	10	10
5	Eriythromycin			
6	Erythromycin Stearate			
7	Erythromycin Estolate			
<b>C</b>	<b>Anti Tuberculosis Products</b>	NIL	20	20
8	Ethambutol			
9	Pyrazinamide			
<b>D</b>	<b>Gliptins</b>	NIL	2	2
10	Vildagliptin			
11	Linagliptin			
12	Teneligliptin			
<b>E</b>	<b>Individual Products</b>			
13	Olmesartan		2	2
14	Erythromycin 11,12 Carbonate		0.75	0.75
15	Erythromycin Ethyl Succinate		2.5	2.5
16	Rosuvastin		1	1
17	Pregabilin		5	5

18	Levetricetam	NIL	10	10
19	Ambroxol Hydrochloride		5	5
20	Moxifloxacin Hydrochloride		0.75	0.75
21	Sulfadoxin		10	10
22	Sofobuvir		0.5	0.5
23	Pantoprazole		9	9
24	Saxagliptin		0.5	0.5
25	Sitagliptin		10	10

**Total Production capacity will be 52.50 + 109 Mt/M = 161.50 MT/M**

3. The proposal has been considered by SEIAA in its 103<sup>rd</sup> meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

**General Conditions for Pre- construction phase: -**

- (i) This environment clearance is issued subject to achieving Zero Liquid Discharge (ZLD).
- (ii) Project Proponent to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
- (iii) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- (iv) PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
- (v) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (vi) Proper Housekeeping programmers shall be implemented.
- (vii) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.
- (viii) A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
- (ix) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (x) Arrangement shall be made that effluent and storm water does not get mixed.
- (xi) Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- (xii) Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
- (xiii) The overall noise levels in and around the plant are 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 confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.

- (xiv) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (xv) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
- (xvi) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xvii) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xviii) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
- (xix) The company shall undertake following Waste Minimization Measures :
  - Metering of quantities of active ingredients to minimize waste.
  - Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
  - Maximizing Recoveries.
  - Use of automated material transfer system to minimize spillage.
- (xx) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
- (xxi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xxii) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department
- (xxiii) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://ec.maharashtra.gov.in>

- (xxiv) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.
- (xxv) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xxvi) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xxvii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- (xxviii) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent 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 EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
5. The Environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
6. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 7 years as per MoEF & CC Notification dated 29<sup>th</sup> April, 2015 to start of production operations.
7. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

9. Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1<sup>st</sup> Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
(S. M. Gavai)

Member Secretary, SEIAA.

**Copy to:**

1. Shri T. C. Benjamin, IAS (Retired), Chairman, SEAC-I, 602, PECAN, Marigold, Behind Gold Adlabs, Kalyani Nagar, Pune – 411014. .
2. Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
3. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
4. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
5. Regional Office, MPCB, Thane.
6. Collector, Palghar
7. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
8. Select file (TC-3)

(EC uploaded on )

## Data Sheet

Sr. No.			
1.	<b>Project type:</b> River Valley / Mining / Industry / Thermal / Nuclear / Others (specify)	:	Industry
2.	<b>Name of the Project</b>	:	M/s Anuh Pharma Ltd .
3.	<b>Clearance letter (s) / OM No. and date</b>	:	SEAC-2015/CR-268/TC-2 Dated – 17 <sup>th</sup> October, 2016
4.	<b>Location</b>		Plot no-E-17/3, E-17/4 & E-18, MIDC Tarapur
	a) District (s)	:	Boisar, Palghar Maharashtra.-400 706
	b) State (s)	:	Maharashtra
	c) Location latitude / longitude	:	Latitude- 19 <sup>o</sup> 48'06.3 N Longitude - 72 <sup>o</sup> 44' 02.7 E
5.	<b>Address for Correspondence</b>	:	
	a) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)		<b>Name:</b> Mr. Vivek Shah A-514,TTC Industrial Area, MIDC, Mahape, Navi Mumbai-400701
	b) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)		Tel. No.: 02241193333
6.	<b>Salient features</b>	:	
	a) of the Project		<ul style="list-style-type: none"> <li>• Anuh Pharma Ltd. proposes to expand the existing production capacity from 52.4 MT/M to 109 MT/M in the category of Bulk Drugs and Advance Intermediates. Total production capacity after expansion will become 161.5 MT/M.</li> <li>• <b>Boiler</b> - 0.6 TPH X 2 numbers(existing), 1.5 TPH X 3 Numbers (Proposed)(one stand-by each)</li> <li>• <b>DG Set</b> - 2 no. of 82.5 KVA &amp; 62.5 KVA and 1 no. of 300 KVA</li> </ul>

		<ul style="list-style-type: none"> <li>• The fresh water requirement 333 CMD &amp; the source is from Tarapur MIDC.</li> <li>• High COD/TDS stream from the process is treated with primary treatment followed by Stripper &amp; Multi effect evaporator &amp; Low COD/TDS stream from process &amp; utility is treated in conventional ETP comprising of Primary, Secondary &amp; tertiary treatment. Then it is passing through reverse osmosis (RO) followed by Multi effect evaporator. The unit is Zero liquid discharge unit.</li> <li>• Domestic waste water is treated in STP</li> </ul>
	b) of the Environmental Management Plans	<p>Environment Management Plan Includes the following :</p> <ul style="list-style-type: none"> <li>➤ Air pollution control system includes : Mechanical Dust Collector (MIDC) provided to Steam Boiler and Scrubber System provided to all Process equipment Vent</li> <li>➤ Water pollution control system includes : ETP, MEE, RO and STP</li> <li>➤ Noise pollution Control includes Acoustic enclosure and regular maintenance</li> <li>➤ Occupational Health includes Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, In-house first aid room, Other infrastructure and Equipment</li> <li>➤ Green belt includes maintenance of the same</li> </ul>
7.	<b>Break-up of the Project Area</b>	:
	a) Submergence area: forest & non-forest	Not applicable as forest area is not involved in the project. It is an industrial project located within notified MIDC. i.e, MIDC Tarapur.
	<b>b) Others</b>	Enclosed as <b>Annexure - I</b>
8.	<b>Break-up of the project affected population</b> with the enumeration of those losing Houses / Dwelling units	:
		Not applicable as forest area is not involved in the project. It is an industrial project located

	only, Agricultural Land & Landless Laborers / Artisans: a) SC, ST / Adivasi		within notified MIDC. i.e., MIDC Tarapur.
	b) Others (please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details & year of survey)	:	
<b>9</b>	<b>Financial Details:</b> Project cost as originally planned and subsequent revised estimates and the year of price reference	:	The capital investment of the project is Rs. 54.54 Cr. Existing capital invest was <b>Rs. 11.16 Cr.</b> & for expansion Project cost as originally planned was 34.45 Cr then it is revised to <b>43.38 Cr.</b> Year of Price reference- 2019.
b)	Allocation made for environmental management plans with item wise and year wise breakup	:	Total capital cost for environmental management plans : Rs. 844 lakhs  Total recurring cost for environmental management plans: Rs. 547 lakh.  The detailed breakup of the environmental management cost is enclosed in <b>Annexure-II</b>
c)	Benefit cost ratio/Internal rate of Return and the year of assessment	:	Year of assessment march 2020:- 15.16 lakh
d)	Whether (c) includes the cost of environmental management as shown in the above		Yes
e)	Actual expenditure incurred on the project so far	:	The capital investment of the project is Rs. 54.54 Cr.
f)	Actual expenditure incurred on the environmental management plans so far	:	Actual expenditure upto March 2020 is 844 lakh.
<b>10</b>	<b>Forest Land Requirement</b>		
a)	The status of approval for diversion of forest land for non-forestry use	:	Not applicable as the project is located in a notified Industrial area i.e., MIDC Tarapur.

b)	The status of clearing felling	:	Not applicable as the project is located in a notified Industrial area i.e., MIDC Tarapur.
c)	The status of compensatory afforestation, if any Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not applicable as the project is located in a notified Industrial area i.e., MIDC Tarapur.
<b>11</b>	<b>The status of clear felling</b> in non-forest areas (such as submergence area or reservoir, approach roads.), if any with quantitative information required.	:	Not applicable as the project is located in a notified Industrial area i.e., MIDC Tarapur.
<b>12</b>	<b>Status of construction</b> (Actual&/or planned)		The construction is already completed. Photographs of the project site are attached as <b>Annexure-III.</b>
a)	Date of commencement (Actual&/or planned)	:	Not Applicable
b)	Date of completion (Actual&/or planned)	:	Not Applicable
<b>13</b>	<b>Reasons for the delay</b> if the project is yet to start	:	Not applicable as the project has already started.
<b>14</b>	<b>Dates of Site Visits</b>		
a)	The dates on which the project was monitored by the Regional Office on previous occasions, if any	:	There is no visit from Regional Office in last six months ( October 2019 – March 2020)
b)	Date of site visits for this monitoring report	:	NA

**Point-wise compliance to the environmental clearance conditions given in the letter no. SEAC-2015/CR-268/TC-2 Dated – 17th October, 2016**

<b>General Conditions</b>		
<b>Sr. No.</b>	<b>Terms and conditions in EC</b>	<b>Compliance</b>
1	This environment clearance is issued subject to achieving Zero Liquid Discharge (ZLD).	High COD/TDS stream from the process is treated with primary treatment followed by stripper & Multi effect evaporator & Low COD/TDS stream from process & utility is treated in conventional ETP comprising of Primary, Secondary & tertiary treatment. Then it is passing through reverse osmosis (RO) RO reject is passed through Multi effect evaporator (MEE). The unit is Zero liquid discharge unit.
2	Project Proponent to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.	Various measures have been undertaken for the health and safety of the people working in the unit and also for protecting the environment such as establishment of the occupational health center, provision of the first aid box at various locations, checkup room, provision of the Eye washer and safety shower provided at various locations photographs of the same are enclosed as <b>Annexure IV</b> .  Also various PPEs such as safety goggles, splash protection goggles, face shield, airline respirator among others are provided to the personnel working in the premises of the factory. The PPE matrix regarding its use according to the situation / emergency is enclosed as <b>Annexure-V</b>
3	No additional land shall be used acquired for any activity of the project without obtaining proper permission.	No additional land was required, Project developed on land in Notified Industrial Area. Industry assures that no additional land is used or shall be used for any activity prior obtaining



		obligatory permissions.
4	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.	<p>Various measures have been undertaken for the health and safety of the people working in the unit and also for protecting the environment such as establishment of the occupational health center, provision of the first aid box at various locations, checkup room, provision of the Eye washer and safety shower provided at various locations photographs of the same are enclosed as <b>Annexure IV</b>.</p> <p>Also various PPEs such as safety goggles, splash protection goggles, face shield, airline respirator among others are provided to the personnel working in the premises of the factory. The PPE matrix regarding its use according to the situation / emergency is enclosed as <b>Annexure-V</b>.</p>
5	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.	Dust emission controls measures were followed during construction activity. Same implemented for the operation phase to reduce the fugitive natural dust.
6	Proper House-keeping programs shall be implemented.	Housekeeping program is implemented regularly & SOP for housekeeping is attached as <b>Annexure-VI</b>
7	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	All the Pollution Control System are operated and maintained well but in case of any emergencies, Industry will put off the unit and will not restart the unit until the desired efficiency has been achieved.
8	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)	DG sets of capacities 150 KVA (2 nos.) with adequate stack height of 3.5 m above roof level & for 300 KVA (1 no.) with adequate stack height of 3.5 m above enclosure has been already provided as per CPCB norms.
9	A detailed scheme for rainwater	We have provided Paver block in

	harvesting shall be prepared and implemented to recharge ground water.	Factory premises at Open area and Collecting rain water from FRP roof to discharge pit. (Capacity 25000 L).The harvested water is used for toilet-urinal flushing and for cooling tower make-up. The photographs for the same are attached as <b>annexure VII</b> .
10	Arrangement shall be made that effluent and storm water does not get mixed.	Separate storm water drains are provided as per natural slop. Effluent and storm water does not get mixed. Industry has provided well-defined effluent network and storm water network. The photographs of the same are attached as <b>Annexure- VIII</b>
11	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	Periodic monitoring of ground water is not applicable, as there is no permission from MIDC for extracting of ground water. The PP will be operating factory using MIDC fresh water.
12	Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.	The ambient noise levels were monitored at 1 locations mainly Near main Gate, and the level is 61.2 dB(A) at Night & 62.9 during the day time and were found to be within the stipulated limit for the industrial area ( 75 dB(A) ) as promulgated by CPCB. personal protective equipment like earplugs etc. has been already provided to people working in the high noise area.
13	The overall noise levels in and around the plant are 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 confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.	Industry is maintaining noise levels well within permissible norms. D.G. Sets are provided with acoustic enclosures. All equipment's and machineries are maintained and lubricated regularly for existing operation. Honking is strictly prohibited within factory premises A survey of Noise level in the study area will be carried out to ensure that the noise levels are within stipulated standards prescribed under

		Environment (Protection) Act, 1986 Rules, 1989.
14	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	Green belt is well developed and maintained on 1010.50 Sq.m area which is 33% of total plot area. Green Belt Development was carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept. Photographs for the same has been attached as <b>Annexure-IX</b>
15	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.	<p>Separate SOP is available of Accident/ Incident control.</p> <p>Onsite emergency plan is available.</p> <p>All safety installation at place available.</p> <p>Equipment testing done as per factory act.</p> <p>Safety Training given to all concerns.</p> <p>Adequate firefighting system provided.</p> <p>Conduct safety audits as per requirement.</p> <p>Following Factory act rules &amp; regulations.</p> <p>We have portable leak detection system for flammable gases</p> <p>Also adequate provisions have been undertaken to limit the risk zone within the plant boundary for countering fire hazards during the manufacturing process in material handling such as fire hydrant, fire hose, foam mobile unit etc. A total of 134 nos. of fire extinguishers have been kept in the factory to counter the fire hazard among other measures. The details are enclosed as <b>Annexure</b></p>

		- X
16	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	Various measures have been undertaken for the health and safety of the people working in the unit and also for protecting the environment such as establishment of the occupational health center, provision of the first aid box at various locations, checkup room, provision of the Eye washer and safety shower provided at various locations photographs of the same are enclosed as <b>Annexure IV</b>
17	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Adequate provisions have been undertaken for the fire protection for countering fire hazards during the manufacturing process in material handling such as fire hydrant, fire hose, foam mobile unit etc. A total of 134 nos of fire extinguishers have been kept in the factory to counter the fire hazard among other measures. The details are enclosed as <b>Annexure X</b>
18	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.	Project proponent has valid authorization from MPCB for collections/ treatment/ storage/ disposal of hazardous wastes. Project proponents strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous and Other Waste (Management and Transboundary movement) Rules, 2016. Annual returns in Form- 4 as required are regularly submitted to MPCB. <b>Form - IV is attached as Annexure XI</b>
19	The company shall undertake following Waste Minimization Measures: <ul style="list-style-type: none"> <li>• Metering of quantities of active ingredients to minimize waste.</li> <li>• Reuse of by- products from the</li> </ul>	Followed as per the requirement: <ol style="list-style-type: none"> <li>(a) All raw materials are metered and controlled for its quantities to minimize waste.</li> <li>(b) The by product is not generated in</li> </ol>

	<p>process as raw materials or as raw material substitutes in other process.</p> <ul style="list-style-type: none"> <li>• Maximizing Recoveries.</li> <li>• Use of automated material transfer system to minimize spillage.</li> </ul>	<p>process</p> <p>(c) Recovered Solvent sale to Authorized Recycler and preprocessor.</p> <p>(d) Pumps are used to transfer liquids in closed pipelines</p>
20	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.	Regular mock drills for the on-site emergency management plans are being carried out. Implementation of changes / improvements in the on-site management plan is updated time to time. A sample mock drill report has been enclosed as <b>Annexure - XII</b>
21	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	A separate Environmental Cell at project level will be arranged qualified personnel under the control of EHS head, who will directly reporting to the head operations of the organization for implementation of the stipulated environmental safeguards and the organogram for the same is enclosed as <b>Annexure- XIII</b>
22	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks- up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	Total environmental budget is 8.44 cr. The detailed breakup of the environmental management cost is enclosed in Annexure-II
23	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control	The advertisement of the obtained Environmental Clearance was published in the newspaper, dated 07th November 2016 in Business standard and Navashakti local newspaper. The aforesaid advertisements are enclosed as <b>Annexure- XIV</b>

	Board and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a>	
24	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	Project proponent is now submitting 7th half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department & we have already submitted EC compliance report as per requirement regularly.
25	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	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. Copy of Environmental clearance letter is already uploaded on company website.
26	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of (-PCB and the SPC'B. The criteria pollutant levels namely; SPM, RSPM. SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	The proponent will upload the status of compliance of the stipulated EC conditions, including results of monitored data on Anuh Pharma website and shall update the same periodically. The pollutant levels namely; SPM, RSPM. SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) will be monitored and will be displayed at an entrance (the main gate) of the company and the photographs of the same are enclosed as <b>Annexure-XV</b> . The monitoring report are attached as <b>Annexure- XVII</b>
27	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB	The project proponent will submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to (a) the Regional Office of MoEF, (b) the Zonal Office of

	and the SPCB.	(i) CPCB and (ii) the SPCB.
28	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall as be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	The environmental statement for the financial year ending 31st March in Form-V will be submitted by the project proponent to the Maharashtra State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently. <ul style="list-style-type: none"> <li>• Environment Statement in Form V will be put on the Company website and sent to Regional Office of MoEFCC by e-mail.</li> <li>• Status of compliance of EC conditions will be put on the Company website and sent to Regional Office of MoEFCC by e-mail.</li> </ul> Form-V submitted online on 10 October 2020- is enclosed as <b>Annexure-XVI</b>
29.	The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.	Noted for information
30.	The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	Noted and agreed
31.	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and	Noted and agreed

	amendments by MoEF&CC Notification dated 29th April, 2015.	
32.	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.	Noted and agreed
33.	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	Noted and agreed
34.	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted and agreed



### List of Annexures

<b>Annexure No.</b>	<b>Title of Annexure</b>
1	Breakup of the project area
2	Break up of environmental management cost
3	Photographs of project site
4	Safety measures for the health and safety of the people working in the unit
5	The PPE matrix regarding its use according to the situation / emergency
6	Housekeeping program
7	Rainwater harvesting scheme
8.	effluent network and storm water network.
9.	Green belt Photographs
10.	fire extinguishers details
11.	Form -IV
12.	Mock drill report
13.	environmental management cell
14.	The advertisement related to the accordance of the environmental clearance
15	Photographs of criteria pollutant levels are being displayed at convenient location
16.	Form-V
17.	Monitoring reports
18.	Consent to Operate

## **Annexure – 1**

# **Break up of the project area**

**Table 2.4 : Area Statement**

<b>AREA MEASUREMENT DETAILS</b>				
<b>Sr. No.</b>	<b>Area Name (Gr. Floor-Plinth Area)</b>	<b>Size in (Mtr.)</b>	<b>Area in (Sq. mtr.)</b>	<b>Area in (Sq.ft.)</b>
1	Admin / FG Store	39.50 x 15.00	592.50 m2	6375.30 ft <sup>2</sup>
2	Production Block-01	19.75 x 27.00	533.25 m2	5737.77 ft <sup>2</sup>
3	Production Block-01	19.75 x 27.00	533.25 m2	5737.77 ft <sup>2</sup>
4	Utility	39.50 x 8.50	335.75 m2	3612.67 ft <sup>2</sup>
5	Solvent Recovery	7.50 x 8.50	63.75 m2	685.95 ft <sup>2</sup>
6	Solvent Tank Farm	7.50 x 10.00	75.00 m2	807.00 ft <sup>2</sup>
7	Hydrogenator	12.00 x 14.00	168.00 m2	1807.68 ft <sup>2</sup>
8	ETP	15.00 x 14.00	210.00 m2	2259.06 ft <sup>2</sup>
9	Boiler	20.00 x 14.00	280.00 m2	3012.80 ft <sup>2</sup>
10	N. Hzd. Storage	7.77 x 18.75	145.69 m2	1567.62 ft <sup>2</sup>
11	Security Cabin-A	3.00 x 3.00	9.00 m2	96.84 ft <sup>2</sup>
12	Security Cabin-B	3.00 x 3.00	9.00 m2	96.84 ft <sup>2</sup>
13	Parking (Along the Int. Roads)	24.65 x 4.00	986.00 m2	10613.21 ft <sup>2</sup>
14	Transformer Yard	5.00 x 6.00	30.00 m2	322.80 ft <sup>2</sup>
15	Green Area (Garden)	47.00 x 21.50	1010.50 m2	10872.98 ft <sup>2</sup>
16	In-Process Tank Farm	7.50 x 32.00	240.00 m2	2582.40 ft <sup>2</sup>
17	Total Road	-	206.70 m2	2224.09 ft <sup>2</sup>
18	UG. Water Tank - 234.00m <sup>2</sup>	39.00 x 6.00	234.00 m2	2517.84 ft <sup>2</sup>

<b>BUILT UP AREA</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>G.F.</b>	<b>F.F.</b>	<b>S.F.</b>	<b>T.F.</b>
	<b>Area Name</b>	<b>Area in (sq.mtr.)</b>	<b>Area in (sq.mtr.)</b>	<b>Area in (sq.mtr.)</b>	<b>Area in (sq.mtr.)</b>
1	Admin / FG Store	592.50 m <sup>2</sup>	-	-	-
2	Production Block - 01	533.25 m <sup>2</sup>	829.50 m <sup>2</sup>	829.50 m <sup>2</sup>	296.25 m <sup>2</sup>
3	Production Block - 02	533.25 m <sup>2</sup>	829.50 m <sup>2</sup>	829.50 m <sup>2</sup>	296.25 m <sup>2</sup>
4	SRP	63.75 m <sup>2</sup>	-	63.75 m <sup>2</sup>	-
5	Boiler	280.00 m <sup>2</sup>	-	-	-
6	ETP	210.00m <sup>2</sup>	168.00 m <sup>2</sup>	-	-
7	Hydrogenation	168.00 m <sup>2</sup>	-	-	-
8	Solvent Tank Form	75.00 m <sup>2</sup>		-	-
	<b>Built Up Area</b>	<b>2455.75 m<sup>2</sup></b>			
	<b>Total Built up Area</b>	<b>6661.75 m<sup>2</sup></b>			

## **Annexure –2**

# **Breakup of the environmental management cost**

The detailed breakup of the environmental management cost

<b>Sr. No.</b>	<b>Particulars</b>	<b>Capital Cost(Rs.in lac)</b>	<b>Recurring Cost per year (Rs. In lac)</b>
<b>1</b>	Air pollution control	<b>20.0</b>	<b>20</b>
<b>2</b>	Water pollution control	<b>700.3</b>	<b>437</b>
<b>3</b>	Noise pollution control	<b>3.0</b>	<b>10</b>
<b>4</b>	Environment Monitoring and Management	<b>35.0</b>	<b>10</b>
<b>5</b>	Occupational Health	<b>20.0</b>	<b>30</b>
<b>6</b>	Green belt	<b>5.0</b>	<b>10</b>
<b>7</b>	Solid Waste Management	<b>31.50</b>	<b>30</b>
	<b>Total</b>	<b>844</b>	<b>547</b>

## **Annexure – 3**

# **Photographs of the project site**

## Photographs of the project site





## **Annexure – 4**

# **Photographs of the health and safety of the people**

Anuh Pharma Ltd, Tarapur  
Occupational Health Centre



## **Annexure – 5**

**PPEs provided to the personnel  
working in the premises**

Annexure –IV  
Personnel protective Equipment's



## **Annexure –6**

# **SOP for housekeeping**



## STANDARD OPERATING PROCEDURE

ANUH PHARMA LTD. E 17/3-E17/4 MIDC TARAPUR DIST. PALGHAR 401506	SOP NO. : PA/005-08 VERSION NO.: 08	SUPERCEDES SOP NO.: PA/005-07 SUPERCEDES VERSION NO : 07 DATED : 01/10/2018	COPY NUMBER:  2	NO. OF ATTACHMENTS: 04	PAGE NO. : 1 of 9
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This document is effective from 15<sup>th</sup> January 2019 and is due for review not later than 14<sup>th</sup> January 2021

Subject : PROCEDURE FOR HOUSEKEEPING AND SANITATION OF THE PREMISES

Department directly concerned : ADMINISTRATION

Responsible Department	Written By:	Checked By:	Approved By:
Administration	<i>Nilesh B. Jadhav</i> 08/01/2019	<i>S.P. Jadhav</i> 09/01/2019	<i>Nilesh Mohan</i> 10/01/2019
	Nilesh B. Jadhav	Sanjay Godambe	Nilesh Mohan
	Asst. Manager HR	A.G.M. Administration	A.G.M. Quality Assurance

Subsequent Review ( Only to be used if there are no modifications at review)	Checked By:	Approved By:	Next Review date :
Distribution Copies:	1. Quality Assurance	2. Administration	3. Quality Control
	4. Production	5. Store	6. Maintenance

Reason for Change: Change to the frequency of lift cleaning from monthly cleaning to Daily cleaning. SOP elaborated for lift cleaning. Department cleaning record format elaborated.

1.	<b>PURPOSE</b>
	To keep factory premises neat and clean.
2.	<b>SCOPE</b>
	All corridors, staircases, surrounding area, utility section, service area & Outer AHU /FDV external surface, utility services pipe line, outer surface of electrical panel, terrace, engg. Store, QA and all bathrooms & toilets, all lift, all change rooms and office of Anuh Pharma Ltd, Tarapur.
3.	<b>RESPONSIBILITY :</b>
	Asst. Manager HR / Housekeeping supervisor / Housekeeping team

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<b>4.</b>		<b>PROCEDURE</b>	<b>RESPONSIBILITY</b>				
4.1		Cleaning tools:	Asst. Manager HR / House keeping supervisor/ House keeping team				
4.1.1	Brooms for sweeping						
	i. Soft broom						
	ii. Broom with a long handle for cleaning ceiling and removing cobwebs						
4.1.2	Mops						
	i. Hand mops / stick mops and cloth mop / sponge						
4.1.3	Plastic buckets						
	i. For clean potable water						
	ii. For detergent / disinfectant solutions						
4.1.4	Waste bins						
4.1.5	Protective rubber gloves: for handling cleaning /sanitizing agents such as pheneol and bleach, Virosil						
4.1.6	Floor scrubbing machine						
4.1.7	Cleaning materials:						
4.1.7.1	i. Dilute Liquid soap solution (150 ml of liquid soap dilute to make 15 L – 1% with potable water)						
4.1.8	<b>Disinfectant solution Preparation</b>	Asst. Manager HR / House keeping supervisor/ House keeping team					
4.1.8.1	Code of solution – A Name of solution- 2.5% Dettol solution Method of preparation: - Dilute 3.75L - 3.80L of Dettol to 150 L with potable water in suitable HDPE drum. Stirr manually to mix it properly.  Details of Dettol Solution : Chloroxyleneol IP 4.8% v/v Terpineol BP 9% v/v Absolute Alcohol Denatured 3.1% v/v Manufactured by: - Reckitt Benckiser India Ltd. New Delhi.						
4.1.8.2	Code of Solution – B Name of solution - 1% Virosil Solution Method of preparation: - Dilute 1.5L of Virosil solution to 150 L with potable water in suitable HDPE drum stirr manually to mix it properly.  Details of Virosil Solution: Hydrogen Peroxide 10% w/v Diluted Silver nitrate Solution: 0.01% w/v water Q.S. Manufactured by: - Sanosil Biotech Pvt. Ltd New Mumbai.						
4.1.8.3	Code of Solution – C Name of solution - 6% Lizol Solution Method of preparation: - Dilute 9 L of Lizol to 150 L with potable water in suitable HDPE drum. Stirr manually to mix it properly.						



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4.1.8.4	<p>Details of Lizol Solution: Benzalkonium chloride solution (80%) - 2.458% w/w, Aqua, Lauryl alcohol Ethoxylate, Sodium Bicarbonate, Cocoamidopropyl Betaine, Perfume, Tetra Sodium EDTA, C.I.:47005. Manufactured by: - Reckitt Benckiser India Ltd. New Delhi.</p> <p>Code of Solution – D Name of solution - 2% Pheneol Solution method of preparation :- Dilute 3 L of Pheneol to 150 L with potable water in suitable HDPE drum. Stirr manually to mix it properly.</p> <p>Details of Pheneol Solution : Coal tar acids phenolic compounds &amp; coal tar oils Manufactured by: - Bengal Chemicals &amp; Pharmaceuticals Ltd. Kolkata.</p>	
4.1.8.5	<p>Code of Solution – E Name of solution – 2.5 % Savlon Solution method of preparation :- Dilute 3.75 L to 3.80 L of Savlon to 150 L with potable water in suitable HDPE drum. Stirr manually to mix it properly.</p> <p>Details of Savlon Solution: Chlorhexidine Gluconate Solution IP – 1.5% v/v Strong Cetrimide Solution BP eq. to cetrimide IP 3.0% w/v. Manufactured by: - Kemwell Biopharma Pvt. Ltd. Bangalore.</p>	
4.1.9	<b>Any 4 of the above listed disinfectant solution can be used at a frequency of changing the disinfectant every 7days ± 2 days. Do not continue the same disinfectant solution for more than 9 days.</b>	Asst. Manager HR / House keeping supervisor/ House keeping team
4.1.10	Maintain the document log for preparation of disinfectant solutions. It shall be reviewed by Asst. Manager HR /Designee. (Refer annexure- I)	
4.1.11	Prepare & put the disinfectant solution preparation label on the drum (Refer annexure –II)	
4.1.12	Give the lot No. to disinfectant prepared solution. Lot No. assigned as per disinfectant code_serial No. (I.e. YYYY X=Disinfectant Code & YYY= Serial No. starting from 001)	
4.1.13	Disinfectant solution shall be prepared at house keeping material keeping room.	

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4.1.14	<b>Destruction of disinfectant solution.</b> Remaining disinfectant solution after its validity period shall be discarded by emptying it in ETP collection tank and record the activity in log for destruction of disinfectant solution as per <b>annexure - IV</b>	Asst. Manager HR / House keeping supervisor/ House keeping team
4.2	<b>Type of cleaning and Procedure:</b> The following schedule shall be followed.	Asst. Manager HR / House keeping supervisor/ House keeping team
4.2.1	<b>Daily cleaning (Code- DL) Twice in a day in general shift: for all other areas except surrounding area and terrace.</b>	Asst. Manager HR / House keeping supervisor/ House keeping team
4.2.1.1	Remove all waste from waste bins	
4.2.1.2	Take all trash out of the area.	
4.2.1.3	Floor is cleaned with scrubbing machine wherever possible and remaining areas are cleaned with soft broom followed by wet mopping with water.	
4.2.1.4	Sweep the floor with a soft broom and scrub adhered dirt by MS plate.	
4.2.1.5	Clean the floor by wet mopping followed by mopping with disinfectant solution.	
4.2.1.6	Clean the mirrors, glass panels with the dilute liquid soap solution and wipe with a clean sponge / waste news paper.	
4.2.1.7	Wash and scrub the commodes, urinals and toilets with toilet clean agent followed by pouring ~ 100ml 2% pheneol once in a day. Document the daily cleaning. ( <b>Refer annexure – III</b> ).	
4.2.1.8	For surrounding area, terrace & Lift: Clean with hard broom and collect all thrash and put in scrap area.	
4.2.1.9	Clean outer surface of glasses with wiper	
4.2.1.10	Clean the internal surface and doors of material handling lift with moist mop.	
4.2.1.11	Clean the external surface of AHU/FDV using soft broom. Special attention shall be given to the floor beneath AHU/FDV	Asst. Manager HR / House keeping supervisor/ House keeping team
4.2.2	<b>Weekly cleaning: (Code – W) on weekly off day</b>	
4.2.2.1	Besides daily cleaning, thorough cleaning must be done once a week.	
4.2.2.2	All daily cleaning.	
4.2.2.3	Wipe the fan holding rod, canopy, motor and blades with a lightly moistened duster and then with a clean dry duster.	
4.2.2.4	Wipe furniture, tables, chairs, cupboards, telephone sets and PCs with clean dry duster.	
4.2.2.5	Wipe window panels and frames, doors, glass panels etc with clean dry duster.	

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<p>4.2.2.6</p> <p>4.2.2.7</p> <p>4.2.2.8</p> <p>4.2.2.9</p> <p>4.2.2.10</p> <p>4.2.3</p> <p>4.2.3.1</p> <p>4.2.3.2</p> <p>4.2.3.3</p> <p>4.2.3.4</p> <p>4.2.3.5</p> <p>4.3</p>	<p>Check and replace if necessary, the deodorant device kept in the toilets.</p> <p>Wet mop the entire external surface of AHU/FDV service lines &amp; S.S. fixtures.</p> <p>Dry mop the external surface of electrical panel (Caution do not use wet mop for electrical panels cleaning.)</p> <p>Document the weekly cleaning in department cleaning record. (<b>Refer annexure- III</b>)</p> <p><b>Lift well:-</b> clean the outer bottom surface of lift &amp; floor/walls of lift well with soft broom &amp; then after clean the lift well with wet mop.</p> <p><b>Monthly cleaning (Code – M) last weekly off of the month.</b></p> <p>All weekly cleaning.</p> <p>Ceiling, walls are cleaned with long handle broom to remove cob webs.(if any)</p> <p>Clean the outside panels, strip curtains, racks, doors with moist mop.</p> <p>Document the monthly cleaning. (<b>Refer annexure- III</b>)</p> <p>Remove detachable window screens. Take it to nearby terrace &amp; clean with plenty of water. Gentle scrub it with detergent solution using sponge &amp; again clean with water.</p> <p><b>Cleaning tools Cleaning:</b></p> <p>MOP: After completing the mopping, the used detergent and disinfectant solutions shall be discarded in the drain. Wash the cloth mop / sponge under running tap water, squeeze it and allow it to air dry by keeping it in hanging position away from floor.</p> <p>Floor scrubbing machine: Remove the dirty water from receptacle of the cleaner. Rinse twice with tap water and wet mop again with disinfectant solution. Empty the receptacle containers &amp; allow to air dry by mopping with dry cloth.</p>	<p>House keeping team</p>
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Annexure – I

Preparation of Disinfectant solution

Format No. PA/F/026-02

Preparation Date	Name of disinfectant solution	Lot No. of Disinfectant Solution	Disinfectant used		Sufficient quantity of potable water added to make final solution equal to (L)	Valid up to (72hrs)	Prepared by/ On	Checked by/ On
			Qty. (L)	B.No. / Lot. No.				

- Disinfectant solution Code :
- A = 2.5% Dettol Solution
  - B = 1% Virosil Solution
  - C = 6% Lizol Solution
  - D = 2% Pheneol Solution
  - E = 2.5% Savlon Solution

Review by Asst. Manager HR / Designee:      Signature :- \_\_\_\_\_  
 Date :- \_\_\_\_\_

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Annexure – II

Format of label for disinfectant solution

Format No. PA/F/028-02

**ANUH PHARMA LTD., TARAPUR**

NAME OF THE DISINFECTANT            :- \_\_\_\_\_

CODE    :- \_\_\_\_\_

LOT NO.                                        :- \_\_\_\_\_

QTY PREPARED (L)                        :- \_\_\_\_\_

PREPARED BY /ON                         :- \_\_\_\_\_

CHECKED BY /ON                         :- \_\_\_\_\_

VALID UP TO (72 hrs)                    :- \_\_\_\_\_

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Annexure – III

Department Cleaning Record

Format No. PA/F/029-02

Dept.:

Section:

Month / Year:

Date	Time	Type of Cleaning	Code of Disinfectant solution used	Lot No. of disinfectant solution	Cleaned By	Checked By/ On

No.	Name of the Disinfectant Solution Used	From	To
1			
2			
3			
4			
5			

Review by Asst. Manager HR : \_\_\_\_\_

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Annexure-IV

Format No. PA/F/094-01

Log for Discarding Disinfectant Solution

Sr. No.	Date of Discard	Total Quantity of Discarded solution (L)	Lot. No.	Done By/ On	Checked By/ On

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## **Annexure – 7**

# **photographs for the Rain water Harvesting**

Anuh Pharma Ltd, Tarapur  
Rain Water Harvesting





## **Annexure – 8**

# **Storm water network photographs**

Anuh Pharma Ltd, Tarapur  
Storm Water separate Drainage



## **Annexure –9**

# **Green Belt development photographs**

Anuh Pharma Ltd, Tarapur  
ME-17/3, E-17/4 & E-18 MIDC Tarapur  
Green Belt area





## **Annexure – 10**

# **fire extinguishers details**

**Anuh Pharma Ltd, Tarapur**  
**Fire Extinguisher List of E-17/3 & E-17/4**

<b>ID.NO</b>	<b>Type</b>	<b>Capacity</b>	<b>Location</b>
FE-01	ABC	09 kg	APL-2,Ground floor passage near NP-1
FE-02	ABC	10 kg	APL-2,Ground floor passage in between NP-2 & NP-3 .
FE-03	ABC	10 Kg	APL-2,Ground floor passage, Near NP-4.
FE-04	ABC	09 Kg	APL-2,Ground floor near planning table.
FE-05	ABC	09 Kg	APL-2,First floor Near IPQC Room-02
FE-06	ABC	10 Kg	APL-2,First floor Near NP-3
FE-07	ABC	09 Kg	APL-2,First floor Near NP-1
FE-08	ABC	10 Kg	APL-2,First floor Near lift No-2
FE-09	CO2	4.5 Kg	APL-2,First floor Near lift No-2
FE-10	ABC	10 Kg	API-2,Second floor near lift No-2
FE-11	ABC	10 Kg	ETP area
FE-12	ABC	10 kg	APL-2,Near lift No: 2,Ground Floor
FE-13	ABC	10 Kg	Basement area near Lift No-03 and Electric panel
FE-14	CO2	4.5 Kg	Basement area near Lift No-03
FE-15	ABC	09 Kg	Basement area near finished product Room-2
FE-16	ABC	09 Kg	Basement area near A.C Raw material Room
FE-17	ABC	09 Kg	Basement area near packing Material store
FE-18	CO2	4.5 Kg	Basement area near Sampling Room
FE-19	ABC	10 kg	Basement area near lift No-02
FE-20	ABC	10 kg	APL-2,Second floor Near NP-1
FE-21	ABC	10 Kg	APL-2,Second floor near NP-2
FE-22	ABC	10 Kg	APL-2,Second floor Near NP-3

<b>ID.NO</b>	<b>Type</b>	<b>Capacity</b>	<b>Location</b>
FE-23	ABC	10 Kg	APL-2,2 <sup>nd</sup> Floor passage Near Lift NO-03
FE-24	CO2	4.5 kg	APL-2.Ground floor material passage
FE-25	ABC	09 Kg	Underground solvent storage tank area
FE-26	ABC	10 Kg	In front of Hazardous room.
FE-27	Mech Foam	50 L	Under ground solvent storage tank area
FE-28	Mech Foam	50 L	Near entrance door of Solvent drum storage shed
FE-29	Mech Foam	50 L	In front of hazardous raw material storage room.
FE-30	CO2	4.5 kg	Near Hot water tank, Utility area
FE-31	ABC	9 Kg	Boiler Room
FE-32	ABC	9 Kg	Near ETP, Utility Area
FE-33	ABC	9 Kg	APL-1,Ground floor near AJM-01
FE-34	CO2	4.5 Kg	In-between AB-3 and AB-4 in APL-1,Ground Floor
FE-35	ABC	9 Kg	APL-2,Ground floor near AB-3
FE-36	CO2	4.5 kg	AB-3 First floor near electrical panel door in APL-1
FE-37	ABC	9 Kg	AB-3 First floor near emergency door in APL-1
FE-38	ABC	9 Kg	AB-3 First floor, in front of FBD-09 panel board room in APL-1.
FE-39	ABC	10 Kg	AB-4 First floor near staircase in APL-1.
FE-40	CO2	4.5 Kg	Near Engineering store in APL-1.
FE-41	ABC	9 Kg	AB-3 Second floor Near emergency door in APL-1.
FE-42	ABC	9 Kg	AB-3 Second floor in side plant in APL-1.
FE-43	ABC	10 Kg	AB-4 second floor, Material Passage in APL-1
FE-44	ABC	10 Kg	AB-4 Second floor near Emergency exit door in APL-1.



<b>ID.NO</b>	<b>Type</b>	<b>Capacity</b>	<b>Location</b>
FE-45	ABC	9 Kg	Heater room of FBD-09,AB-3 1st floor in APL-1.
FE-46	CO2	4.5 Kg	In front of QC Lab in Admin Building.
FE-47	ABC	6.0 Kg	In front of QA Department in Admin building
FE-48	CO2	6.5 Kg	Electric panel room near canteen
FE-49	ABC	9.0 kg	Near transformer area
FE-50	Clean Agent	2.0 Kg	Server Room
FE-51	CO2	6.5 Kg	Entrance of QC, 2 <sup>nd</sup> floor.
FE-52	CO2	6.5 Kg	Near Electrical Panel of QC.2 <sup>nd</sup> floor
FE-53	Clean Agent	2.0 Kg	Main Passage QC,1 <sup>st</sup> floor.
FE-54	Clean Agent	2.0 Kg	Main Passage QC,1 <sup>st</sup> floor.
FE-55	Clean Agent	2.0 Kg	Main Passage QC,1 <sup>st</sup> floor.
FE-56	CO2	4.5 kg	In front of Reception Room of E-17
FE-57	ABC	9.0 kg	Stripper 1 <sup>st</sup> floor
FE-58	ABC	9.0 kg	Solvent Storage Day tank ,APL-2,terrace

<b>E-18 Plant</b>			
<b>ID.NO</b>	<b>Type</b>	<b>Capacity</b>	<b>Location</b>
FE-101	ABC	6.0 kg	Reception of E-18
FE-102	CO2	4.5 Kg	Admin Block Ground Floor
FE-103	Clean Agent	2.0 kg	Admin Block, Staircase ,Ground floor
FE-104	ABC	6.0 kg	Admin Block, Staircase ,1 <sup>st</sup> floor
FE-105	ABC	6.0 kg	Admin Block, 1 <sup>st</sup> floor
FE-106	Clean Agent	2.0 kg	Admin Block, 1 <sup>st</sup> floor
FE-107	CO2	4.5 kg	Finish Goods store room
FE-108	ABC	9.0 kg	Finish Goods store room
FE-109	ABC	9.0 kg	Finish Goods store room
FE-110	ABC	9.0 kg	Common Passage between Finish &Intermediate storage room
FE-111	ABC	9.0 kg	Common Passage between Finish &Intermediate storage room
FE-112	ABC	9.0 kg	Intermediate storage room
FE-113	ABC	9.0 kg	Common passage between Utility area &Intermediate store room.
FE-114	CO2	4.5 kg	Common passage between Utility area &Intermediate store room.
FE-115	ABC	9.0 KG	In front of future Engg. Store
FE-116	ABC	9.0 kg	Common passage between API& Intermediate ,1 <sup>st</sup> floor
FE-117	ABC	9.0 kg	Internal passage of API-I,1 <sup>st</sup> floor
FE-118	CO2	4.5 kg	Internal passage of API-I,1 <sup>st</sup> floor
FE-119	ABC	9.0 kg	Internal passage of API-II,1 <sup>st</sup> floor
FE-120	CO2	4.5 kg	Internal passage of API-II,1 <sup>st</sup> floor
FE-121	ABC	9.0	Common passage area between Intermediate-I&Intermediate-II,1 <sup>st</sup> floor.
FE-122	CO2	4.5 kg	Common passage area between Intermediate-I&Intermediate-II,1 <sup>st</sup> floor.
FE-123	ABC	9.0 kg	Common passage area between Intermediate-I&Intermediate-II,1 <sup>st</sup> floor.
FE-124	ABC	9.0 kg	In front of PP Area, Intermediate, 1st floor.
FE-125	ABC	9.0 kg	Inside the plant of Intermediate –II, 1st floor.
FE-126	ABC	9.0 kg	Inside the plant of Intermediate –I, 1st floor.
FE-127	ABC	9.0 kg	Common passage between AHU service area &API block,1 <sup>st</sup> floor.
FE-128	CO2	4.5 kg	Common passage between AHU service area &API block,1 <sup>st</sup> floor.
FE-129	ABC	9.0 kg	AHU Service area ,2 <sup>nd</sup> floor
FE-130	CO2	4.5 kg	AHU Service area ,2 <sup>nd</sup> floor
FE-131	ABC	9.0	Future Expansion Room 2 <sup>nd</sup> floor
FE-132	ABC	9.0 kg	Internal passage of APII-II,2 <sup>nd</sup> floor
FE-133	CO2	4.5 kg	Internal passage of APII-II,2 <sup>nd</sup> floor
FE-134	ABC	9.0 kg	Internal passage of API-II,2 <sup>nd</sup> floor

FE-135	ABC	9.0 kg	Common passage between Intermediate & API, 2 <sup>nd</sup> floor.
FE-136	CO2	4.5 kg	Common passage between Intermediate & API, 2 <sup>nd</sup> floor.
FE-137	ABC	9.0 kg	Common passage between Intermediate & API, 2 <sup>nd</sup> floor.
FE-138	ABC	9.0 kg	Inside the plant of Intermediate -I, 2 <sup>nd</sup> floor.
FE-139	ABC	9.0 kg	Common passage between Intermediate & AHU service area, 2 <sup>nd</sup> floor
FE-140	CO2	4.5 kg	Common passage between Intermediate & AHU service area, 2 <sup>nd</sup> floor
FE-141	ABC	9.0 kg	AHU Service area, 3 <sup>rd</sup> floor.
FE-142	CO2	4.5 kg	AHU Service area, 3 <sup>rd</sup> floor
FE-143	ABC	9.0	Future Expansion Room , 3 <sup>rd</sup> floor
FE-144	ABC	9.0 kg	Common passage Between Intermediate & API block, 3 <sup>rd</sup> floor.
FE-145	ABC	9.0 kg	API-2, Internal passage, 3 <sup>rd</sup> floor.
FE-146	CO2	4.5 kg	API-2, Internal passage, 3 <sup>rd</sup> floor.
FE-147	ABC	9.0 kg	Common passage Between Intermediate & API block, 3 <sup>rd</sup> floor.
FE-148	ABC	9.0 kg	API-I, Internal passage, 3 <sup>rd</sup> floor.
FE-149	ABC	9.0 kg	Intermediate-II, 3 <sup>rd</sup> floor
FE-150	CO2	4.5 kg	Intermediate Block common passage, 3 <sup>rd</sup> floor
FE-151	ABC	9.0 kg	Intermediate Block common passage, 3 <sup>rd</sup> floor
FE-152	ABC	9.0 kg	Intermediate-II, 3 <sup>rd</sup> floor
FE-153	ABC	9.0 kg	Intermediate Block common passage, 3 <sup>rd</sup> floor
FE-154	CO2	4.5 kg	AHU Area (Southside) , 3 <sup>rd</sup> floor
FE-155	ABC	9.0 kg	AHU Area (Southside) , 3 <sup>rd</sup> floor
FE-156	CO2	4.5 kg	API-I, Internal passage, 3 <sup>rd</sup> floor.
FE-157	ABC	9.0 kg	API-I, Internal passage, 2 <sup>nd</sup> floor.
FE-158	ABC	9.0 kg	Near main gate of security Cabin.
FE-159	CO2	4.5 kg	Meter room , ground floor
FE-160	CO2	4.5 kg	Transformer area , ground floor
FE-161	CO2	4.5 kg	LT Panel Room, ground floor
FE-162	ABC	9.0 kg	Emergency Exit Staircase (North side)
FE-163	ABC	9.0 kg	Emergency Exit Staircase (South side)
FE-164	CO2	4.5 kg	ZLD plant , ground floor
FE-165	ABC	9.0 kg	ZLD Plant, 1 <sup>st</sup> floor
FE-166	CO2	4.5 kg	ZLD Control Panel Room , 3 <sup>rd</sup> floor.
FE-167	ABC	9.0 kg	In front of Boiler Room
FE-168	CO2	4.5 kg	In front of Utility area
FE-169	ABC	9.0 kg	In front of worker change room
FE-170	ABC	9.0 kg	In front of Dispatch Bay
FE-171	CO2	4.5 kg	Near Security Cabin of Gate No -2
FE-172	CO2	4.5 kg	Terrace Near Electrical Panel Room
FE-173	ABC	9.0 kg	Terrace near Lift Room no.102

FE-174	CO2	4.5 kg	Terrace Near Lift Room nO.103
FE-175	Mech. Foam	50 L	Near Solvent Tank form Area
FE-176	Mech. Foam	50 L	Near Solvent Tank form Area

**Annexure – 11**

**Form- 4**

**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-0000014713

**Submitted On:**

24-06-2020

**Submitted for Year:**

April 2019 to March 2020

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

Anuh Pharma Ltd

**Address of the unit/facility**

Plot No.E-17/3,E-17&amp;E-18,MIDC Tarapur ,Tal&amp;Dist.:Palghar 401506

**1b. Authorization Number**

Format1.0/CC/UAN No.0000078704/CO1912000759 Dec 13, 2019

**Date of issue****Date of validity of consent**

Dec 31, 2024

**2. Name of the authorised person**

Dr.Rajiv Sutar

**Full address of authorised person**

Plot No.E-17/3,E-17&amp;E-18,MIDC Tarapur ,Tal&amp;Dist.:Palghar 401506

**Telephone**

7410055575

**Fax**

NA

**Email**

r.sutar@anuhpharma.com

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

<b>Product Type *</b>	<b>Product Name *</b>	<b>Consented Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Pharmaceuticals(excluding formulation)	Erythromycin Salt/Pyrazinamide Salts/Chloramphenicol/chloramphenicol Palmitate/Sulfadoxine/Ethambutol Hydrochloride/Clotrimazole	52.50	51.11	MT/M
Pharmaceuticals(excluding formulation)	Cardiovascular Products	20.00	00	MT/M
Pharmaceuticals(excluding formulation)	Erythromycin Derivatives	10.00	00	MT/M
Pharmaceuticals(excluding formulation)	Anti-Tuberculosis products	20.00	00	MT/M
Pharmaceuticals(excluding formulation)	Gliptins	2.00	00	MT/M
Pharmaceuticals(excluding formulation)	Olmesartan	2.00	00	MT/M
Pharmaceuticals(excluding formulation)	Erythromycin 11,12 carbonate	0.75	00	MT/M
Pharmaceuticals(excluding formulation)	Erythromycin Ethyl Succinate	2.50	00	MT/M
Pharmaceuticals(excluding formulation)	Rosuvastatin	1.00	00	MT/M
Pharmaceuticals(excluding formulation)	Pregabalin	5.00	00	MT/M
Pharmaceuticals(excluding formulation)	Levetricetam	10.00	00	MT/M
Pharmaceuticals(excluding formulation)	Ambroxol Hydrochloride	5.00	3.80	MT/M
Pharmaceuticals(excluding formulation)	Moxifloxacin Hydrochloride	0.75	00	MT/M
Pharmaceuticals(excluding formulation)	Sulfadoxine	10.00	00	MT/M
Pharmaceuticals(excluding formulation)	Sofobuvir	0.50	00	MT/M
Pharmaceuticals(excluding formulation)	Pantoprazole	9.00	00	MT/M
Pharmaceuticals(excluding formulation)	Saxagliptin	0.50	00	MT/M
Pharmaceuticals(excluding formulation)	Sitagliptin	10.00	00	MT/M

**PART A: To be filled by hazardous waste generators****1. Total Quantity of waste generated category wise**

Type of hazardous waste	Waste Name	Consented Quantity	Quantity	UOM
28.3 Spent carbon	Spent Carbon Sludge	76.80	34.814	MTA
35.3 Chemical sludge from waste water treatment	ETP Sludge	300.00	3.999	MTA
37.3 Concentration or evaporation residues	ETP Sludge	912.50	0.970	MTA

**2. Quantity dispatched category wise.**

Type of Waste	Quantity of waste	UOM	Dispatched to	Facility Name,
28.3 Spent carbon	34.814	MTA	Disposal Facility	CHWTSDF
35.3 Chemical sludge from waste water treatment	3.999	MTA	Disposal Facility	CHWTSDF
37.3 Concentration or evaporation residues	0.970	MTA	Disposal Facility	CHWTSDF

**3. Quantity Utilised in-house, If any**

Type of Waste	Name of Waste	Quantity of Waste	UOM
28.3 Spent carbon	Spent Carbon Sludge	00	MTA
35.3 Chemical sludge from waste water treatment	ETP Sludge	00	MTA
37.3 Concentration or evaporation residues	ETP Sludge	00	MTA

**4. Quantity in storage at the end of the year**

Type of Waste	Name of Waste	Quantity of Waste	UOM
28.3 Spent carbon	Spent Carbon Sludge	00	MTA
35.3 Chemical sludge from waste water treatment	ETP Sludge	00	MTA
37.3 Concentration or evaporation residues	ETP Sludge	00	MTA

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

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

<b>Waste Name/Category</b>	<b>Quantity</b>	<b>UOM</b>
NA	NA	KL/Anum

3. Quantity of waste recycled or co-processed or used

<b>Name of Waste</b>	<b>Type of Waste</b>	<b>Quantity</b>	<b>UOM</b>
NA	NA	NA	KL/Anum

4. Quantity of products dispatched (wherever applicable)

<b>Name of product</b>	<b>Quantity</b>	<b>UOM</b>
NA	NA	KL/Anum

5. Total quantity of waste generated

<b>Waste name/category</b>	<b>quantity</b>	<b>UOM</b>
NA	NA	KL/Anum

6. Total quantity of waste disposed

<b>Waste name/category</b>	<b>quantity</b>	<b>UOM</b>
NA	NA	KL/Anum

7. Total quantity of waste re-exported (If Applicable)

<b>Waste name/category</b>	<b>quantity</b>	<b>UOM</b>
NA	NA	KL/Anum

8. Quantity in storage at the end of the year

<b>Waste name/category</b>	<b>quantity</b>	<b>UOM</b>
NA	NA	KL/Anum

Personal Details

<b>Place</b>	<b>Date</b>	<b>Designation</b>
Tarapur	2020-06-24	Vice President (Technical)



## **Annexure –12**

# **A sample mock drill report**

**ANUH PHARMA LTD, TARAPUR**  
**E-17/3, E-17/4 & E-18 MIDC Tarapur**  
**Report for Fire / Gas exposure Emergency Exercise / Mock Drill**

**Date: 26.10.2020**

**A. Location of plant where mock-drill was conducted:** Anuh Pharma Ltd, Tarapur.

**B. Mock-drill Scenario:** Solvent Fire in Day Tank at Terrace area of E-17.

**C. Emergency: Declaration and Communication.**

Time when the emergency was declared (by the CIC as per On-site plan)	:	14.10 hrs
Siren with specific pitch and duration	:	2 min
Communication (with time) to	:	14:12 hrs
ECR	:	14:13 hrs
Security/Main gate/Other gates	:	14:14 hrs
Fire station and Safety Centre	:	14:15 hrs
First-aid and Medical/Health center.	:	
Escalation to Off-site Emergency (if any, Declaration by the Chairman, DCG / LCG )	:	NA
Off-site Siren with specific pitch/duration and audible up to 3 km	:	NA
Communication (with time ) to Off-site ECR (made at the plant level)	:	NA
District/Local ECR	:	NA
Local Police Station/Control Room	:	14:16 hrs
Fire Department/Municipality	:	14 :17 hrs
District Hospital/Local Primary Health Centre	:	14:18 hrs
Surrounding Village Panchayets, if any	:	
Near-by units/Mutual-aid-partners to be ready with Fire-fighting facilities, ambulances etc.	:	14:14 hrs
Others	:	NA

**D. Status of Immediate Administrative Actions.**

Whether Red flagging is done or not	:	NA
Whether area was cordoned off with signpost	:	Yes
Whether the Main Gate security has been briefed about the easy access of authorized outside agencies and mutual-aid partners	:	Yes
Whether announcement through PA system was done for crowd control (not to be panic) etc.	:	Yes

**E. Response Operations at On-site**

Arrival Time of Emergency Combat Team (on-site) whether the team members are arrived with proper PPE (like fire proximity suit, SCBA etc.)	:	14:14 hrs
Arrival Time of Ambulance/Doctor Whether Equipped with oxygen cylinders / stretchers/first aid box/ribbons triage, etc	:	14:15 hrs
Site Incident Controller (SIC) and Chief Incident Controller (CIC).	:	14:11 hrs
Total No. of Fire Tenders arrived with time	:	
Water	:	NA
Foam	:	
DCP	:	
Whether fire water line was maintained at sufficient pressure	:	Yes (7 kg/cm <sup>2</sup> )
Whether all fire fighting equipment/facilities (hydrants,	:	Yes

**ANUH PHARMA LTD, TARAPUR  
E-17/3, E-17/4 & E-18 MIDC Tarapur**

monitors, sprinklers etc) were functioning properly.	:	
Whether cooling/water injection is done in the immediate Surroundings to control spreading	:	Yes
Whether people followed the designated routes and exits and safe zones during the evacuation process	:	Yes
Evacuation of people from work areas-assemble at designated assembly points	:	Yes
Arrival time of Mutual-aid partners with equipment/ambulance etc.	:	14:15 hrs

**F. Response Operations at Off-site (if any).**

At local health centre/Hospital(by the District/local Medical Officer)	:	NA
No. of persons affected	:	NA
Nature of injury: Toxic inhalation/Burn/Other	:	NA
Time to reach (minutes)	:	NA
Treatment Facilities etc. (effective or not)	:	NA
Evacuation and at temporary shelter place	:	NA
Evacuation( by the Police, local/district fire-fighting and rescue team)	:	NA
Regulation of Traffic by the traffic police at downwind direction of plant	:	NA
Use of PA system etc.	:	NA
Mobilizing the people by the traffic police at downwind of plant	:	NA
Use of PA system etc.	:	NA
Mobilizing the people	:	NA
Time to reach the shelter	:	NA
Mechanism to control any panic situation	:	NA
other	:	NA

**G. Status of Communication Systems**

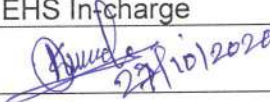
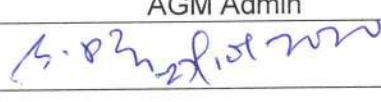
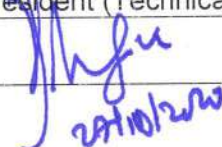
Functioning of equipment like PA system, Siren/local hooters, landline/hotlines, UHG/VHF sets etc.	:	PA system ,Fire Hooters, Landline and Hotline
Compliance of instructions by respective coordinators /internal staffs.	:	Yes

**H. Closure of Emergency**

All-clear siren with time	:	14:23 to 14:24 hrs
Green Flagging at site	:	NA
Briefing by the Emergency Team at site	:	14: 25 hrs

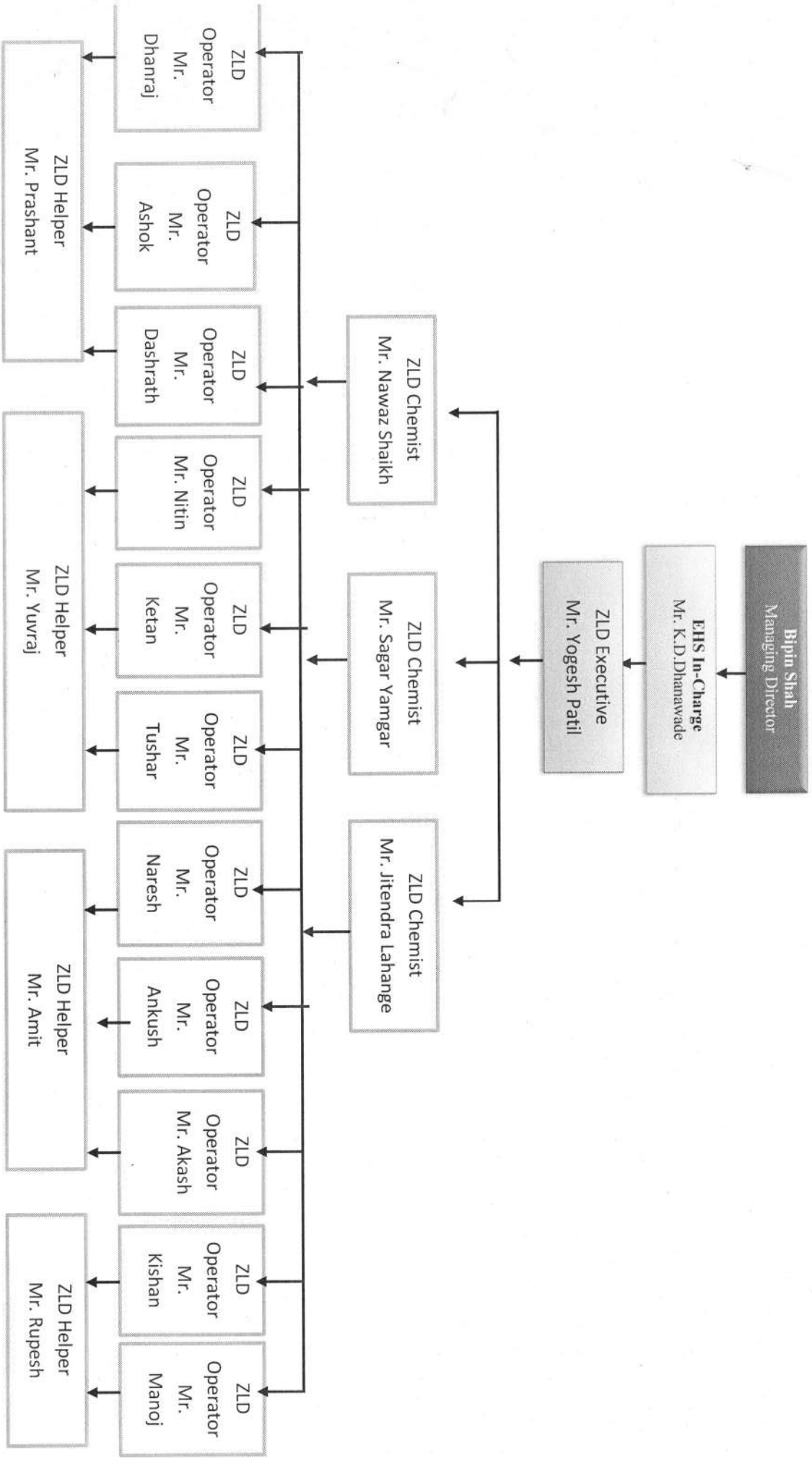
**I. Overall Observations and Comments**

Sr. No.	Observations and Comments
1	Refresh Training shall be imparted to First aider
2	BBS training shall be arranged to all employees by certified trainer to improve positive approach towards safety .

Prepared By EHS Incharge	Checked By AGM Admin	Approved By Vice president (Technical)
		

## **Annexure – 13**

# **Environmental Management Cell**



<b>Prepared By</b>		<b>Approved By</b>	
Mr. K.D.Dhanawade		Dr.R. Agrawal	
<b>Designation</b>		<b>Designation</b>	
EHS In-charge		V.P (Tech)	
<b>Signature</b>		<b>Signature</b>	
<i>(Signature)</i>		<i>(Signature)</i>	
<b>Date</b>		<b>Date</b>	
27/01/2020		27.01.2020	

## **Annexure – 14**

# **Advertisement of the obtained Environmental Clearance**

The advertisement of the obtained Environmental Clearance was published in the newspaper, dated 07th November 2016 in Business standard and Navashakti local newspaper.

**SURAJ PRODUCTS LIMITED**

CIN-L26942OR1991PLC002865  
Regd. Off : Vill : Barpali,  
P.O : Kesramal  
Rajgangpur, Dist. Sundargarh,  
Odisha-770017

Pursuant to Regulation 29 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, NOTICE is hereby given that a meeting of the Board of Directors of the Company will be held on **Monday, the 14th day of November, 2016 at 3.00 PM** at the Registered Office of the Company to consider and approve the Standalone Unaudited Financial Results of the Company for the quarter and half year ended September 30, 2016.

Date : 05.11.2016 By order of the Board  
Place: Barpali Company Secretary

**ENVIRONMENTAL CLEARANCE**

We M/s Anuh Pharma Ltd. are pleased to inform that the Environment Department, Government of Maharashtra has accorded Environmental clearance for our new and expansion project for manufacturing of advanced intermediates and bulk drug amounting to a total 161.5 MT/M including existing at our plot no E-17/3, E-17/4 and E-16 MIDC Tarapur, Taluka Boisar, District Palghar under reference no: SEAC-2016/CR-268/TC-2 dated 17th October, 2016. The copies of clearance letter are available with the MPCB and may also be seen at web site at <http://ec.maharashtra.gov.in>.

**Government of Jharkhand**

**Planning-cum-Finance Department**

**PRESS COMMUNIQUE**

**Auction of 10 Year Jharkhand  
Government Stock (Securities)**

**01**

1. Government of Jharkhand has offered to sell by auction the dated securities for an amount of **Rs. 500.00 crore** with ten year tenure. Securities will be issued for a minimum nominal amount of Rs. 10,000 and multiples of Rs. 10,000 thereafter, Auction which will be yield-based under multiple price formats will be conducted by Reserve Bank of India at Mumbai Office (Fort) on **November 08, 2016**.
2. Interested persons may submit bids in the prescribed form obtainable from the Regional Director, Reserve Bank of India, Mumbai Office, Fort, Mumbai and deposit them in sealed covers super-scribed "Tender for Ten Year Jharkhand Stock-Auction dated **November 08, 2016**," in the tender box at RBI, Fort, Mumbai on **November 08, 2016** before 12.00 P.M. Members of Reserve Bank of India Core Banking Solution (E-Kuber) system shall submit the bids through Reserve Bank of India Core Banking Solution (E-Kuber) system before 12.00 P.M.
3. The yield percent per annum expected by the bidder should be expressed up to two decimal points. An investor can submit more than one bid at different rates of yield but a separate application should be submitted for each bid. The aggregate amount of bids submitted by a person should not exceed the notified amount.
4. The result of auction will be displayed at Reserve Bank of India, Fort, Mumbai on **November 09, 2016**. Successful bidders should deposit the price amount of Stock covered by their bids by means of a Bankers' Cheque or Demand Draft payable at RBI, Mumbai (Fort) or Patna on **November 09, 2016** before the close of banking hours.
5. The Government Stock will bear interest at the rate determined by RBI at the auction. Interest will be paid half yearly on **May 09 and November 09**. The Stock will be governed by the provisions of Public Debt Act, 1944 and the rules made there under.
6. The Stocks will qualify for ready forward facility.
7. For other details please see the notifications of Government of Jharkhand **W&M-30-08/2016-525/Budget, Dated-November 04, 2016**.

Sd/-

(Amit Khare)

**Additional Chief Secretary,  
Planning-cum-Finance Department.**

PR No 150803(Finance)/16-17

[www.jharkhandgov.in](http://www.jharkhandgov.in)

४

मुंबई, सोमवार,

**बाहोर सूचना**

सूचना घ्यावी की, (१) श्री. उमान गानी मर्चंट (२) सी. पेनबला अबुमनारा मोहम्मद रफिक (३) श्री. मोहम्मद हुसेन मर्चंट (४) श्री. शोएब नूर मोहम्मद मर्चंट (५) सी. सफिया इन्तिकाज़ गानी (६) सी. सादिया ओबैद मर्चंट (७) सी. न्याम रफिक मोटावाला हे दिवंगत खातून मर्चंट यांचे कायदेशीर वारस असून त्यांची मिळकत म्हणजेच त्यांचा पत्ता दि. आग्नीपाडा राजभूत व्हिला सीएचएस लि., बाघ ए रोहमत, ७ वा मजला, फ्लॅट क्र. ७०१, २ विंग, डेवी गार्डनसमोर, आग्नीपाडा, मुंबई-४०० ००८ त्यासह ५ पूर्ण भरणा केलेले शेअर्स विभिन्न क्र. १-५ शेअर प्रमाणपत्र क्र. २५ अंतर्गत मुंबई देधील न्यायाधिकारिते असून यामधील ५०% शेअरमधील त्यांचे हक्क, नामाधिकार आणि हितसंबंध श्री. अब्दुल्ला मर्चंट यांच्या नावे टाकित्व करित आहेत.

कोणत्याही व्यक्तीस सदर शेअर्स आणि/वा फ्लॅटसंबंधी कोणताही दावा, हक्क, नामाधिकार वा हितसंबंध जसे कोणत्याही कलंब्याद्वारे वा अन्य स्वल्पाह असल्यास निम्नस्वाधरीकारांस लोखी स्वरूपात त्यांचे कर्तव्यसिध्द, कार्यालय क्र. १६, २ रा मजला, अशोका जॉर्निंग सेंटर, एल.टी. मार्ग, मुंबई ४०० ००१ त्यासह पुढेचर्च्य कागदपत्रासह सदर सूचना प्रकाशनाच्या १४ दिवसांत पाठवावे. कसूट केन्सस सदा दावे असल्यास सोडून दिल्याचे मानले जाईल आणि आमचे अशील व्यवहार पूर्ण करण्यात येईल.

सही/-  
वकील उतामा ए. मेमन  
मेमन अॅन्ड कंपनी

**जाहीर सूचना**

सूचना घ्यावी देण्यात येते की, सी. कंधारिन पिंगळ उर्फ कु. कंधारिन कॅरीन डी लिमा आणि श्रीमती सविना डी लिमा दोघोही राहणार ६१-ए, केजरीपाडा, आंबोली, मुंबई ४००१०२ येथे वा अगमचा अशिलोना मिळकत म्हणजेच सोन रोड, अंधेरी (पश्चिम), मुंबई-४०० १०२ येथे स्थित, वसलेल्या आणि अजा सीटीएस क्र. ५०५ (मोज्यापिल साध-पत्र ४२६.२ चौ. मीटर), ५०५/१ (मोज्यापिल साधारण ८.१ चौ. मीटर), ५०५/२ (मोज्यापिल साधारण ८.१ चौ. मीटर) आणि ५०५/३ (मोज्यापिल साधारण ७.७ चौ. मीटर), एकूण मोज्यापिल साधारण ५१८.१ चौ. मीटरसह धरक जमीन, सर्व्हे क्र. ४५, हिस्सा क्र. ८ (भाग) धरक जेदधी जिल्हा आणि उपजिल्हा वाट्टे मधील मासूल नाम अंबिकवती, तातुका अंधेरी, मुंबई जनरल जिल्हा येथे वसलेली आणि अडी स्वाकरील हक्क, नामाधिकार आणि हितसंबंधासह एकत्रित जमिनीचे सर्व ते भाग आणि विभाग आणि वाट्टे टॅक्नुपदा यामधील सर्व हक्क, नामाधिकार आणि हितसंबंध विक्री, अधिहस्तगत करच्यास तयार आहेत आणि आम्ही सी. कंधारिन पिंगळ उर्फ कु. कंधारिन डी लिमा आणि श्रीमती सविना डी लिमा यांच्या नामाधिकाराचा तयार करित आहोत.

कोणतीही व्यक्ती न्यायाची विक्री, अदलाबदल, गहाण, कधीस, विश्वास, प्रभार, देणभार वातसाहक, कड्या, भाडेपट्टा, धारणाधिकार किंवा अन्यथा कोणत्याही प्रकारात मिळकतीच्या संदर्भात कोणताही दावा, हक्क, नामाधिकार आणि हितसंबंध असल्यास सदर कार्यालयानु किन्नाधरीकाराना त्यांचे कार्यालय १४/२६, कामा बिल्डिंग, २ वा मजला, इमाल स्ट्रीट, कोर्ट, मुंबई - ४०० ००१ येथे संबोधित कागदपत्रांसह एकत्रित न्यायाधीस स्वयं-त कलविण्याची यादारी किन्ना करणेत येत आहे, कसूचट उग्यास अडी व्यक्तीचा दावा त्यागीत आणि/किंवा नदर्यागीत, सोडून दिल्याचे मानण्यात येईल आणि त्यानंतर विचारण

सही/-  
वकील उतामा ए. मेमन  
मेमन अॅन्ड कंपनी

तागपुर, तालुका : बोईसर, डिस्ट्रिक्ट : पालघर  
प्रस्तावित अडव्हान्स इन्टरमिडिएट आणि बल्क  
ड्रग उत्पादन नवीन व विस्तारीकरण महिन्याला  
१६१.५ मे. टन पर्यंत (संदर्भ पत्राव्यारे SEAC-  
2015/CR-288/TC-2 दि. १७ ऑक्टोबर २०१६),  
पर्यावरण विषयक मंजुरी दिली आहे. हयाची प्रत  
महाराष्ट्र प्रदुषण नियंत्रण मंडळाकडे मिळु  
ज्कळ त्याचप्रमाणे इंटरनेटच्या संकेत स्थळ  
<http://ec.maharashtra.gov.in> वर पाहता येईल.

NOTICE is hereby given to the public at  
large that my client MR. HIREN  
SOMCHAND SHAM is the absolute  
owner of the Residential Premises  
bearing Flat No. 502, located on the 5<sup>th</sup>  
Floor in the Building known as  
Sunbeam of Sunbeam Co-operative  
Housing Society Ltd., (Registration No.  
BQM/WT/H5G/TC/1257 dated  
26/02/1985) (hereinafter referred to as  
"the said Society") situated at 3, P.  
Cross Road No. 4, Mulund (West),  
Mumbai - 400 080 (hereinafter

तागपुर, तालुका : बोईसर, डिस्ट्रिक्ट : पालघर  
प्रस्तावित अडव्हान्स इन्टरमिडिएट आणि बल्क  
ड्रग उत्पादन नवीन व विस्तारीकरण महिन्याला  
१६१.५ मे. टन पर्यंत (संदर्भ पत्राव्यारे SEAC-  
2015/CR-288/TC-2 दि. १७ ऑक्टोबर २०१६),  
पर्यावरण विषयक मंजुरी दिली आहे. हयाची प्रत  
महाराष्ट्र प्रदुषण नियंत्रण मंडळाकडे मिळु  
ज्कळ त्याचप्रमाणे इंटरनेटच्या संकेत स्थळ  
<http://ec.maharashtra.gov.in> वर पाहता येईल.



## **Annexure – 15**

**The pollutant levels  
displayed at an entrance**

Anuh Pharma Ltd, Tarapur  
MPCB Consent Display Board



# ANUH PHARMA LTD.

PLOT No: Plot No.E-17/3, E-17/4 & E-18 MIDC Tarapur Dist : Palghar -401506

## MAHARASHTRA POLLUTION CONTROL BOARD

- I) Consent No.: format 1.0/CC/UAN No.0000078704/C01912000759
- II) Name of The Industry : M/S Anuh Pharma Ltd.  
Plot No.E-17/3, E-17/4 & E-18 MIDC Tarapur
- III) Date of Update of Display : 01/02/2020
- IV) Details of Updated consent to operate and Authorization with validity : 31/12/2024
- V) Details of Operational Status : Operational
- VI) Production Details.

Sr No	Product manufactured	Details of Hazardous Chemicals used with Quantity	Type of HW generated and category as per HWM-2016	Quantity of HW generated/ stored/ disposed	Mode of treatment & Disposal
01.	Dithionyx Salt	Hexavalent Chromium (Pb) + 100.0 MTM	Spent Solvent +02.0	100 MTM	Solid Waste Disposed through Mumbai Waste Management Ltd. Tarapur. And Spent solvent sent to authorized recipient Regenerators.
02.	Carbonaceous Products	Solvent +10.0 MTM	Chemical Sludge from waste water treatment +02.0	20 MTM	
03.	Erythromycin Derivatives	Hexanol +10.0 MTM	Spent Solvent +02.0	4.0 MTM	
04.	Anti-Tuberculosis products	Methylcellulose (MCC) +05.0 MTM	Spent Solvent / Commercial Ink +01.0	005 MTM	
06.	Oxides	Acetone +02.0 MTM	Dust or particulates from effluent gas treatment +01.0	1.0 MTM	
08.	Disinfectant	WFA MTM	Concentration or Evaporation residues +01.0	1.0 MTM	
07.	Preservatives	Ethyl Acetate +010.0 MTM			
09.	Propellants	Cyclohexane +005.0 MTM			
10.	Leavening				
11.	Antioxidant Hydrocarbons				
12.	Moisturizer Hydrocarbons				
13.	Substances				
14.	Substances				
15.	Substances				
16.	Substances				

### VII) Air Emission

Sr No	Source of Air Pollution			Air Pollution Control Devices		Parameters monitored w.r.t Air Pollution (PM, CO, SO <sub>2</sub> , NO <sub>x</sub> , etc)	
	Equipment	Fuel	Capacity	Device	Height	Monitored Data	Limits (Standard) prescribed by MPCB/MPCB
01.	Boiler 2 Nos.	LDO / Bitumate	100 / 1000 kg/day	Stack	22 mt	TPM	0.100 mg/m <sup>3</sup>
						Acid mist	0.10 mg/m <sup>3</sup>
02.	Boiler 2 Nos.	No Diesel / LDO	70 kg/day	Stack	20 meter	TPM	0.100 mg/m <sup>3</sup>
						Acid mist	0.10 mg/m <sup>3</sup>
04.	DC	Diesel	M/L	Stack	1.0 mt	TPM	0.100 mg/m <sup>3</sup>
						Acid mist	0.10 mg/m <sup>3</sup>
05.	Process Vent	NA	-	Scrubber	NA	TPM	0.100 mg/m <sup>3</sup>
						Acid mist	0.10 mg/m <sup>3</sup>

OCESM Consistency Details (Date of installation & Operational Status) : Not applicable

### VIII) Effluent Discharge :

Sr No	Source of Effluent Discharge with Quantity	Treatment Method	Mode of Disposal of treated effluent	Effluent Discharge Monitoring	
				WH	Outlet
01.	Process waste water	E.D with holding Capacity 100 CMB	Recycle and Reuse	NA	PH & Flow

OCESM Consistency Details (Date of Installation & Operational Status) : 10/09/2018 (Working Condition)

# **Annexure – 16**

## **Form-V**



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2020

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000030227

### Submitted Date

10-10-2020

### Company Information

#### Company Name

Anuh Pharma Ltd

#### Application UAN number

78704

#### Address

Plot No.E-17/3,E-17&E-18,MIDC Tarapur ,Tal&Dist.:Palghar  
401506

#### Plot no

Plot No.E-17/3,E-17&E-18

#### Taluka

PALGHAR

#### Village

TARAPUR

#### Capital Investment (In lakhs)

5454

#### Scale

LSI

#### City

BOISAR

#### Pincode

401506

#### Person Name

Dr.Rajiv Sutar

#### Designation

Vice President (Technical)

#### Telephone Number

7410055575

#### Fax Number

#### Email

anuh@sk1932.com

#### Region

SRO-Tarapur I

#### Industry Category

Red

#### Industry Type

R58 Pharmaceuticals

#### Last Environmental statement submitted online

no

#### Consent Number

Format1.0/CC/UAN  
No.0000078704/CO1912000759

#### Consent Issue Date

13/12/2019

#### Consent Valid Upto

31/12/2024

### Product Information

#### Product Name

Erythromycin Salt/Pyrazinamide Salts/Chloramphenicol/chloramphenicol  
Palmitate/Sulfadoxine/Ethambutol Hydrochloride/Clotrimazole

Consent  
Quantity

630

Actual Quantity

493.32

UOM

MT/A

Ambroxol Hydrochloride

60

45.6

MT/A

### By-product Information

#### By Product Name

--NA--

Consent Quantity

0

Actual Quantity

0

UOM

MT/A

### 1) Water Consumption in m3/day

#### Water Consumption for Process

Consent Quantity in m3/day

135

Actual Quantity in m3/day

13.8

#### Cooling

169

17.3

#### Domestic

29

3

#### All others

0

0

**Total** 333 34.1

**1) Effluent Generation in CMD / MLD**

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
TRADE EFFLUENT	120	12.2	CMD
DOMESTIC EFFLUENT	23	2.3	CMD

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

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Erythromycin Salt/Pyrazinamide Salts/Chloramphenicol/chloramphenicol Palmitate/Sulfadoxine/Ethambutol Hydrochloride/Clotrimazole, Ambroxol Hydrochloride	0	0.009	CMD

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

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
METHYLENE DICHLORIDE	0	0.65	MT/A
ERYTHROMYCIN THIOCYANATE	0	0.21	MT/A
METHANOL	0	0.27	MT/A
LIQUOR AMMONIA	0	0.04	MT/A
STERIC ACID	0	0.09	MT/A
CAUSTIC SODA	0	0.08	MT/A
ACETONE	0	0.18	MT/A
ETHYL ACETATE	0	0.09	MT/A
PROPINIC ANAHYDRIDE	0	0.002	MT/A
SODIUM LAURYL SULPHATE	0	0.005	MT/A
SODIUM BIOCARBONATE	0	0.01	MT/A
3-ETHOXY CARBONIL PRONYL CHLORIDE	0	0.01	MT/A
TOLUENE	0	0.13	MT/A
IPA	0	0.15	MT/A
POTTASIUUM CARBONATE	0	0.02	MT/A
ETHYLENE CARBONATE	0	0.01	MT/A
PYRIDINE	0	0.003	MT/A
HCL	0	0.01	MT/A
CYCLOHEXANE	0	0.03	MT/A
2-CYNO	0	0.50	MT/A
SODIUM HYDROSULPHATE	0	0.006	MT/A
4-AMINOCYCLOHEXANE	0	0.005	MT/A
CHARCOAL	0	0.01	MT/A
ACETIC ACID	0	0.07	MT/A
4-SULFANILAMIDE	0	0.08	MT/A
ADBA	0	0.01	MT/A

#### 4) Fuel Consumption

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
BRIQUETTE	4818000	950725	Kg/Annum
LDO	2457180	184856	Kg/Annum

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

##### [A] Water

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
pH	--	6.7475	--	5.5-9.0	--
COD	0.97	119	47.6	250 mg/l	--
BOD	0.33	41.5	41.5	100 mg/l	--
SS	0.47	58.33	58.33	100 mg/l	--
OIL & GREASE	BDL	BDL	BDL	10 mg/l	--
TDS	10.96	1339.75	63.79	2100 MG/L	--
CHLORIDE	0.18	22	3.66	600 mg/l	--
SULPHATE	0.01	1.3	0.13	1000 mg/l	--

##### [B] Air (Stack)

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/NM3) Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
SPM TPM	--	72	48	150 mg/Nm3	--
SO2	3.12	--	19.73	15.84 KG/DAY	--
SO2	18.23	--	7.5	242.35 KG/DAY	--

#### HAZARDOUS WASTES

##### 1) From Process

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
28.3 Spent carbon	0	34.814	MT/A

##### 2) From Pollution Control Facilities

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
35.3 Chemical sludge from waste water treatment	0	3.999	MT/A
37.3 Concentration or evaporation residues	0	0.970	MT/A

#### SOLID WASTES

##### 1) From Process

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
--NA--	0	0	MT/MWH

##### 2) From Pollution Control Facilities

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
--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

**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
28.3 Spent carbon	34.814	MT/A	CHWTSDF, TALOJA
35.3 Chemical sludge from waste water treatment	3.999	MT/A	CHWTSDF
37.3 Concentration or evaporation residues	0.970	MT/A	CHWTSDF

**2) Solid Waste**

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

**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)
E.T.P. Operation cost ,Cost of Consumables ,Cost of Analysis of ,Effluent Sample ,Electrical Energy, Environment audit Statement ,Water Supply ,Water Cess Returns, House Keeping	0	0	0	0	15	0

**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)
At present, the existing environmental protection system are considered to be adequate.	The company has provided primary secondary tertiary level treatment plant with Oil Separator Tank, Equalization Tank.,Filter Nutch,Neutralization Tank 2 Nos. ,Settling Tank. 2 Nos.,Sludge Drying Beds	5

**[B] Investment Proposed for next Year**

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	0

**Any other particulars in respect of environmental protection and abatement of pollution.**

**Particulars**

Company has planted few number of trees around the factory, within company's own land premises. The hazardous waste generated is being sent to CHWTSDF Facility for disposal. Noise level survey, cess returns & house keeping are done regularly. The Soak Pit & Septic Tank is provided for the treatment of Domestic effluent. Environment and safety aspects is of prime importance and is incorporated at the Design and energy aspects of operations. Green drive is the major contribution to create the enviro

**Name & Designation**





## **Annexure – XVII**

# **Monitoring reports**

QF/LA/10-A

Report Ref. No. : GFL/AA/R/20/11-72

Report Date: 30.11.2020

### ANALYSIS REPORT FOR AMBIENT AIR MONITORING


Name of the Industry :	M/S Anuh Pharma Ltd. Tarapur		
Date of Sampling :	23.11.2020	Sample Description :	Ambient
Date of Receipt of Sample :	24.11.2020	Sample Collected by :	Laboratory
Date of Analysis Started :	25.11.2020	Date of Analysis Completed :	30.11.2020

Sample Code No.	GFL/AA/20/11-72	Limits	Units	Test Method
Location	Near Main Gate			
Date/Duration	23.11.2020			
PM 10	57.78	100	µg/m <sup>3</sup>	IS 5182(part-23):2006, Reaffirmed-2017 & NAAQS Volume-I
PM 2.5	26.32	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
NOx conc.	66.01	80	µg/m <sup>3</sup>	IS 5182(part-06):2006 Reaffirmed-2017 CPCB NAAQS Volume I
Ammonia	312.22	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
Sampling carried out using HVS GOLDFINCH/INST-HVS/75 Calibrated on : 16.09.2020 Due on : 15.09.2021		Sampling carried out using ADS GOLDFINCH/INST-ADS/67 Calibrated on : 17.09.2020 Due on : 16.09.2021		

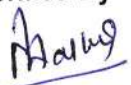
Remark- ND= Not Detected

For Goldfinch Engineering Systems Private Limited

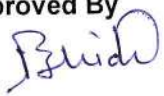
Analyzed By

  
Govt. Analyst

Verified By

  
Lab-In-charge

Approved By

  
Director-Lab/Govt. Analyst

QF/LA/10-B

Report Ref. No. GFL/AS/R/20/11-73

Report Date: 30.11.2020

## ANALYSIS REPORT FOR STACK EMISSIONS MONITORING

Name of the Industry :	M/S Anuh Pharma Ltd. Tarapur		
Date of Sampling :	23.11.2020	Sample Description :	Stack
Date of Receipt of Sample :	24.11.2020	Sample Collected by :	Laboratory
Date of Analysis Started :	25.11.2020	Date of Analysis Completed :	30.11.2020

Sample Code No.	GFL/AS/20/11-73	Limits	Units	Test Method
Stack Attached To	Boiler Stack			IS 11255 (Part 3) 2008 Reaffirmed 2018
Stack Diameter	0.6		Meter	
Stack Height	30		Meter	
Fuel used & Consumption	Briquette 13		Tons/day	
Velocity of flue gases	6.35		m/sec	
Temperature of flue Gases	123.5		°C	
Flow/volume of flue Gases	1866.3		m <sup>3</sup> /hr	
Particulate Matter	72.11	150	mg/Nm <sup>3</sup>	IS-11255 ( Part 1) 1985,Reaffirmed-2014
Sulphur Di Oxide Content	17.92	133.0	Kg/day	IS-11255 ( Part 2) 1985,Reaffirmed-2014

Sampling carried out using  
Stack Monitoring Kit  
ID No. GOLDFINCH/INST-STACK/50  
Calibrated on -23.10.2020  
Calibrated due -22.10.2021

For Goldfinch Engineering Systems Private Limited

Analyzed By



Govt. Analyst

Verified By



Lab-In-charge

Approved By



Director-Lab/Govt. Analyst

QF/LA/10-C

Report Ref. No. GFL/AN/R/20/11-74

Report Date: 30.11.2020

### ANALYSIS REPORT FOR AMBIENT NOISE LEVEL SURVEY

Name of the Industry :	M/S Anuh Pharma Ltd. Tarapur		
Date of Sampling :	23.11.2020	Sample Description :	Noise
Date of Receipt of Sample :	24.11.2020	Sample Collected by :	Laboratory
Date of Analysis Started :	25.11.2020	Date of Analysis Completed :	30.11.2020

		Ambient Noise Level		Test Method
Sample Code No	Location	Day dB (Leq)	Night dB (Leq)	
GFL/AN/20/11-74	Near Main Gate	62.9	61.2	IS 9989-1981 Reaffirmed 2014
	M.P.C.B. Limit	75	70	

Survey carried out using dB meter  
Sr. No. GOLDFINCH/INST-DB METER/32  
Calibrated On: 23.10.2020  
Calibration due: 22.10.2021

For Goldfinch Engineering Systems Private Limited

Analyzed By



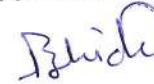
Govt. Analyst

Verified By



Lab-In-charge

Approved By



Director-Lab/Govt. Analyst

Report Ref. No.: GFL/W/R/20/11-20

Report Date: 30.11.2020

## Analysis Report

Name of the Industry :	M/s. Anuh Pharma Ltd., Plot No. E-17/3, MIDC, Boisar, Dist. Palghar, Maharashtra State		
Date of Sampling :	23.11.2020	Sample Description :	Effluent Sample
Date of Receipt of Sample :	24.11.2020	Sample Volume :	2 Liters
Date of Analysis Started :	24.11.2020	Sample Collected by :	Laboratory
Date of Analysis Completed :	30.11.2020	Sample Container :	Polythene Cans

Sr. No.	Parameters	Unit	GFL/W/20/11-20 ETP Inlet	Limit as per MPCB Consent	Test Method Used
1.	pH	--	7.95	--	APHA-4500 H+ B (23rd Edition)
2.	Chemical Oxygen Demand	mg/l	7680	--	APHA 508 A (15 <sup>th</sup> Edition)
3.	Biological Oxygen Demand (3 days @ 27°C )	mg/l	1936	--	IS 3025 (p- 44):1993(RA-2003)
4.	Total Dissolved Solids	mg/l	2200	--	APHA 2540 C (23rd Edition)
5.	Total Suspended Solids	mg/l	24	--	APHA 2540 D (23rd Edition)
6.	Chloride as Cl	mg/l	231	--	APHA 4500 Cl <sup>-</sup> B (23rd Edition)
7.	Oil & Grease	mg/l	10	--	IS 3025 part 39

For Goldfinch Engineering Systems Private Limited

Analyzed By

*W. K. K. K.*

Govt Analyst

Verified By

*M. K. K. K.*

Lab-Incharge

Approved By

*B. K. K. K.*

Director-Lab/Govt. Analyst

Report Ref. No.: GFL/W/R/20/11-21

Report Date: 30.11.2020

## Analysis Report

Name of the Industry :	M/s. Anuh Pharma Ltd., Plot No. E-17/3, MIDC, Boisar, Dist. Palghar, Maharashtra State		
Date of Sampling :	23.11.2020	Sample Description :	Effluent Sample
Date of Receipt of Sample :	24.11.2020	Sample Volume :	2 Liters
Date of Analysis Started :	24.11.2020	Sample Collected by :	Laboratory
Date of Analysis Completed :	30.11.2020	Sample Container :	Polythene Cans

Sr. No.	Parameters	Unit	GFL/W/20/11-21 ETP Outlet	Limit as per MPCB Consent	Test Method Used
1.	pH	--	7.58	5.5 to 9.0	APHA-4500 H+ B (23rd Edition)
2.	Chemical Oxygen Demand	mg/l	48	Less than 250	APHA 508 A (15 <sup>th</sup> Edition)
3.	Biological Oxygen Demand (3 days @ 27°C )	mg/l	12	Less than 100	IS 3025 (p- 44):1993(RA-2003)
4.	Total Dissolved Solids	mg/l	800	Less than 2100	APHA 2540 C (23rd Edition)
5.	Total Suspended Solids	mg/l	12	Less than 100	APHA 2540 D (23rd Edition)
6.	Chloride as Cl	mg/l	24	Less than 600	APHA 4500 Cl <sup>-</sup> B (23rd Edition)
7.	Oil & Grease	mg/l	<1	Less than 10	IS 3025 part 39

For Goldfinch Engineering Systems Private Limited

Analyzed By

*U. K. K. K.*

Govt Analyst

Verified By

*M. H. H.*

Lab-Incharge

Approved By

*B. H. H.*

Director-Lab/Govt. Analyst

Report Ref. No.: GFL/W/R/20/11-19

Report Date: 30.11.2020

## Analysis Report

Name of the Industry :	M/s. Anuh Pharma Ltd., Plot No. E-17/3, MIDC, Boisar, Dist. Palghar, Maharashtra State		
Date of Sampling :	23.11.2020	Sample Description :	Drinking Water Sample
Date of Receipt of Sample :	24.11.2020	Sample Volume :	2 Liters
Date of Analysis Started :	24.11.2020	Sample Collected by :	Laboratory
Date of Analysis Completed :	30.11.2020	Sample Container :	Polythene Cans

Sr. No.	Parameters	Unit	GFL/W/20/11-19 MIDC Drinking Water-Canteen	Requirement( Acceptable Limit) as per IS 10500:2012	Test Method Used
1.	pH	--	8.00	6.5-8.5	APHA-4500 H+ B (23 <sup>rd</sup> Edition)
2.	Temperature	°C	24.8	N.S.	APHA 2550 B (23 <sup>rd</sup> Edition)
3.	Turbidity	NTU	0.2	Max 1	APHA 2130 B (23 <sup>rd</sup> Edition)
4.	Conductivity	µs/cm	220	N.S.	APHA 2510 B (23 <sup>rd</sup> Edition)
5.	Chemical Oxygen Demand	mg/l	<4	N.S.	APHA 508 A (15 <sup>th</sup> Edition)
6.	Biological Oxygen Demand (3 days @ 27°C )	mg/l	<2	N.S.	IS 3025 (p- 44):1993(RA- 2003)
7.	Total Dissolved Solids	mg/l	120	Max 500	APHA 2540 C (23 <sup>rd</sup> Edition)
8.	Chloride as Cl	mg/l	14	Max 250	APHA 4500 Cl <sup>-</sup> B (23 <sup>rd</sup> Edition)
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	92	Max 200	APHA 2340 C (23 <sup>rd</sup> Edition)
10.	Total Alkalinity as CaCO <sub>3</sub>	mg/l	121	Max 200	APHA 2320 B (23 <sup>rd</sup> Edition)

For Goldfinch Engineering Systems Private Limited

Analyzed By

*U. Kelkar*

Govt Analyst

Verified By

*A. Navro*

Lab-Incharge

Approved By

*B. N. D. D.*

Director-Lab/Govt. Analyst

Report Ref. No.: GFL/W/R/20/11-19

Report Date: 30.11.2020

## Analysis Report

<b>Name of the Industry :</b>	M/s. Anuh Pharma Ltd., Plot No. E-17/3, MIDC, Boisar, Dist. Palghar, Maharashtra State		
<b>Date of Sampling :</b>	23.11.2020	<b>Sample Description :</b>	Drinking Water Sample
<b>Date of Receipt of Sample :</b>	24.11.2020	<b>Sample Volume :</b>	2 Liters
<b>Date of Analysis Started :</b>	24.11.2020	<b>Sample Collected by :</b>	Laboratory
<b>Date of Analysis Completed :</b>	30.11.2020	<b>Sample Container :</b>	Polythene Cans

Sr. No.	Parameters	Unit	GFL/W/20/11-19 MIDC Drinking Water-Canteen	Requirement( Acceptable Limit) as per IS 10500:2012	Test Method Used
1.	pH	--	8.00	6.5-8.5	APHA-4500 H+ B (23 <sup>rd</sup> Edition)
2.	Temperature	°C	24.8	N.S.	APHA 2550 B (23 <sup>rd</sup> Edition)
3.	Turbidity	NTU	0.2	Max 1	APHA 2130 B (23 <sup>rd</sup> Edition)
4.	Conductivity	µs/cm	220	N.S.	APHA 2510 B (23 <sup>rd</sup> Edition)
5.	Chemical Oxygen Demand	mg/l	<4	N.S.	APHA 508 A (15 <sup>th</sup> Edition)
6.	Biological Oxygen Demand (3 days @ 27°C )	mg/l	<2	N.S.	IS 3025 (p- 44):1993(RA-2003)
7.	Total Dissolved Solids	mg/l	120	Max 500	APHA 2540 C (23 <sup>rd</sup> Edition)
8.	Chloride as Cl	mg/l	14	Max 250	APHA 4500 Cl <sup>-</sup> B (23 <sup>rd</sup> Edition)
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	92	Max 200	APHA 2340 C (23 <sup>rd</sup> Edition)
10.	Total Alkalinity as CaCO <sub>3</sub>	mg/l	121	Max 200	APHA 2320 B (23 <sup>rd</sup> Edition)

For Goldfinch Engineering Systems Private Limited

Analyzed By

*U. Kelkar*

Govt Analyst

Verified By

*A. Navar*

Lab-Incharge

Approved By

*B. N. D. D.*

Director-Lab/Govt. Analyst



QF/LA/09

Report Ref. No.: GFL/W/R/20/11-19

Report Date: 30.11.2020

## Analysis Report

Name of the Industry :	M/s. Anuh Pharma Ltd., Plot No. E-17/3, MIDC, Boisar, Dist. Palghar, Maharashtra State		
Date of Sampling :	23.11.2020	Sample Description :	Drinking Water Sample
Date of Receipt of Sample :	24.11.2020	Sample Volume :	2 Liters
Date of Analysis Started :	24.11.2020	Sample Collected by :	Laboratory
Date of Analysis Completed :	30.11.2020	Sample Container :	Polythene Cans

Sr. No.	Parameters	Unit	GFL/W/20/11-19 MIDC Drinking Water-Canteen	Requirement (Acceptable Limit) as per IS 10500:2012	Test Method Used
11.	Sulphate as SO <sub>4</sub>	mg/l	<10	Max 200	APHA 4500 SO <sub>4</sub> <sup>2-</sup> C (23 <sup>rd</sup> Edition)
12.	Nitrate as NO <sub>3</sub>	mg/l	<0.5	Max 45	APHA 4500 NO <sub>3</sub> <sup>-</sup> B (23 <sup>rd</sup> Edition)
13.	Total Phosphorus	mg/l	<0.2	N.S.	APHA 4500 P.C. (23 <sup>rd</sup> Edition)
14.	Fluoride	mg/l	<0.2	Max 1.0	APHA 4500 F D (23 <sup>rd</sup> Edition)
15.	Sodium as Na	mg/l	8.93	N.S.	APHA 3500 Na B (23 <sup>rd</sup> Edition)
16.	Potassium as K	mg/l	0.04	N.S.	APHA 3500 K B (23 <sup>rd</sup> Edition)
17.	Total Chromium as Cr	mg/l	<0.05	Max 0.05	APHA 3112 B (23 <sup>rd</sup> Edition)
18.	Zinc as Zn	mg/l	<0.05	Max 5	APHA 3111 B (23 <sup>rd</sup> Edition)

For Goldfinch Engineering Systems Private Limited

Analyzed By

*U. K. Kulkarni*

Govt Analyst

Verified By

*M. K. Kulkarni*

Lab-Incharge

Approved By

*B. K. Kulkarni*

Director-Lab/Govt. Analyst

QF/LA/09

Report Ref. No. : GFL/W/R/20/11-20

Report Date: 27.11.2020

## Analysis Report

Name of the Industry	M/s. Anuh Pharma Ltd., Plot No. E-17/3, MIDC, Boisar, Dist. Palghar, Maharashtra State		
Date of Sampling	23.11.2020	Sample Description	Drinking Water Sample
Date of Receipt of Sample	24.11.2020	Sample Volume	125 ml
Date of Analysis Started	24.11.2020	Sample Collected by	Laboratory
Date of Analysis Completed	27.11.2020	Sample Container	Polythene bottle (Sterilized)

Parameters	Unit	Result	Requirement Limit as per IS 10500:2012	Test Method
		GFL/W/20/11-20		
		MIDC-Drinking Water canteen		
Total Coliforms	MPN/100ml	Absent (<2)	Absent	MPN IS-1622:1981
E.coli	MPN/100ml	Absent	Absent	MPN IS-1622:1981

For Goldfinch Engineering Systems Private Limited

Analyzed By

*U. Kulkarni*

Govt Analyst

Verified By

*A. Kulkarni*

Lab-Incharge

Approved By

*B. Kulkarni*

Director-Lab/Govt. Analyst



## 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

No:- Format1.0/CC/UAN No.0000078704/CO 1912000759

Date: 13/12/2019

To,  
M/s. Anuh Pharma Limited  
Plot No. E-17/3, E-17/4 & E-18, MIDC Tarapur  
Palghar, Palghar-Palghar

**Sub: First consent to operate for expansion with amalgamation of existing consent to operate.**

- Ref:**
1. Consent to Operate accorded by Board vide No. Format 1.0/BO/AS(T)/UAN No.0000018185/R/Gen-1702000002 dtd 01.02.2017 which is valid up to 31.12.2021.
  2. Consent to Establish accorded by Board vide No. Format 1.0/BO/AS(T)/TN-620-16/CC-cell/E/CC-1705001052 dtd 26.05.2017 which is valid up to COU or 5 year whichever is earlier.
  3. Environmental Clearance granted by GoM vide letter No. SEAC-2015/CR-268/TC-2 dtd. 17.10.2016.
  4. Minutes of 7th Consent Committee Meeting held on 24.10.2019.

Your application No.MPCB-CONSENT-0000078704 Dated 19.08.2019

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 operate is granted for a period up to 31/12/2024**
2. **The capital investment of the project is Rs.54.54 Crs. (As per C.A Certificate submitted by industry Existing-Rs. 11.16 Crs + Expansion/Increase in C.I. - Rs. 43.38 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product/Co-Product Name	Maximum Quantity	UOM
1	Erythromycin Salts/Pyrazinamide Salts/ Chloramphenicol / Chloramphenicol Palmitate/Sulphadoxine/Ethambutol Hydrochloride/Clotrimazole	52.50	MT/M
2	Cardiovascular products- Atorvastatin /Losartan Potassium / Telmisartan / Clopidogrel	20.00	MT/M



3	Erythromycin Derivatives- Erythromycin/ Erythromycin Stearate/ Erythromycin Estolate	10.00	MT/M
4	Anti- Tuberculosis products- Ethambutol /Pyrazinamide	20.00	MT/M
5	Gliptins - Vildagliptin / Linagliptin / Teneligliptin	2.00	MT/M
6	Olmesartan	2.00	MT/M
7	Erythromycin 11,12 Carbonate	0.75	MT/M
8	Erythromycin Ethyl Succinate	2.50	MT/M
9	Rosuvastatin	1.00	MT/M
10	Pregabalin	5.00	MT/M
11	Levetricetam	10.00	MT/M
12	Ambroxol Hydrochloride	5.00	MT/M
13	Moxifloxacin Hydrochloride	0.75	MT/M
14	Sulfadoxine	10.00	MT/M
15	Sofobuvir	0.50	MT/M
16	Pantoprazole	9.00	MT/M
17	Saxagliptin	0.50	MT/M
18	Sitagliptin	10.00	MT/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	120	As per Schedule -I	Recycle 100% to achieve ZLD
2.	Domestic effluent	23	As per Schedule - I	Soaked in soak pit

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	1	Boiler-2. Nos.	1	As per Schedule -II
2	2	Boiler - 2 Nos	1	As per Schedule -II
3	2	Boiler-Thermic Fluid Heater	1	As per Schedule -II
4	3 & 4	DG Sets- 2 nos	1	As per Schedule -II
5	5	DG Sets-300 KVA	1	As per Schedule -II
6	6 & 7	Process Stack-2 nos	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Coal Ash	4.0	MT/Day	--	Sale to Bricks manufacture



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

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	28.6 Spent solvents	100	m3/month	Recycle	Sale to authorized recycler/reprocess or
2	35.3 Chemical sludge from waste water treatment	25.0	MT/M	Landfilling	CHWTSDf
3	28.3 Spent carbon	6.4	MT/M	Incineration	CHWTSDf
4	33.1 Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	5000	No/M	Recycle/Reuse	Sale to authorized party after decontamination
5	15.3 Dust or particulates from exhaust gas treatment.	1.0	MT/M	Landfilling	CHWTSDf
6	37.3 Concentration or evaporation residues	2.5	MT/Day	Landfilling	CHWTSDf

- 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 This consent is issued with overriding effect on earlier Consent to Operate granted by the Board vide no. Format 1.0/BO/AS(T)/ UAN No-0000018185/R/Gen-1702000002 dtd. 01.02.2017 which is valid upto 31.12.2021.
- 11 The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. SEAC-2015/CR-268/TC-2 dtd. 17.10.2016.
- 12 This consent is issued pursuant to the decision of the 7th Consent Committee Meeting held on 24.10.2019.

For and on behalf of the  
Maharashtra Pollution Control Board.

(E. Ravendiran IAS),  
Member Secretary

**Received Consent fee of -**

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	200000.00	5454845	23/08/2019	RTGS
2	325000.00	5457360	14/11/2019	RTGS



# Maharashtra Pollution Control Board

## 5df33bb50605292ea96e9871

**Copy to:**

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





**SCHEDULE-I**

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

1. A) As per your application, you have segregate trade effluent into weak stream & high stream and provided Effluent Treatment Plant (ETP) comprising of:
  - i) **High COD/TDS** - Comprising treatment system of Primary (design capacity of 100 CMD ) (Collection tank) followed by Multi effect evaporator (design capacity of 75 CMD ).
  - ii) **Low COD/TDS** - Comprising treatment system having capacity 120 CMD as 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, Multi effective evaporator) .
- 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 so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises generated from this unit.
- C) Industry shall operate online continuous monitoring system continuously as per CPCB guidelines & data to be transmitted directly from Data Logger to CPCB and MPCB server.

2. A) As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 23 CMD of sewage.
- B) **The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.**

1	Suspended Solid	Not to exceed	100
1	BOD 3 days 27oC	Not to exceed	30

- C) The treated domestic effluent shall be used for gardening/plantation purpose within premises. There shall not be any discharge outside the factory premises. There shall not be any discharge outside the 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:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	169.00



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2.	Domestic purpose	29.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	135.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	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:**

1. 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.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO <sub>2</sub>
1	Boiler-2 Nos	Stack	20.0	Bio Diesel/LDO	792 Kg/Day	1.80	28.51
2	Boiler-2 Nos and	Stack	32.0	LDO	5940 Kg/Day	5.00	213.84
2	Boiler-Thermic Fluid Heater	Stack	32.0	Briquett	13200 Kg/Hr	0.06	15.84
3 & 4	DG Set-2 Nos	Stack , Acoustic enclosure	3.5*	HSD	30 Ltr/Hr	0.05	14.40
5	DG Sets-300 KVA	Stack , Acoustic enclosure	3.5	HSD	60 Ltr/Hr	0.05	28.80
6 & 7	Process Stack- 2 Nos	Scrubber	3.5	--	--	--	--

\*--Above the roof level.

2. 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.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Total Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
Acid Mist	Not to exceed	35 mg/Nm <sup>3</sup>

4. 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.
5. 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).



**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	Consent to operate	5.0 Lakh	Exising	Towards compliance of consent condition and O and M of PCS	30.11.2024	31.03.2025

\*\* The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.  
# 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 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
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.



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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. 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.
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.
34. The applicant shall make an application for renewal of the consent atleast 60 days before the date of expiry of the consent.



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