



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

By R.P.A.D.

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under rule 6(2) of the Hazardous And Other Waste (Management And Transboundary Movement) Rules-2016 framed under the Environment (Protection) Act-1986. This Board is empowered to grant CC&A.

And whereas Board has received consolidated consent application vide No.-147778 Dated:20/12/2018 for the consolidated consent and authorization (CC & A-Renewal) of this Board under the provisions / rules of the aforesaid Acts. Consent & Authorization is hereby granted as under.

CONSENT AND AUTHORISATION:

(Under the provisions / rules of the aforesaid environmental acts)

To,

M/s. Amilife Sciences Pvt. Ltd.

Plot no.82/B, Survey No. m106, 107, 114, 1677/1 & 1677/2,

ECP Road, Vill:Kharakhadi,

Tal:Padra, Dist: Vadodara-391450.

1. Consent Order no.: AWH-100220 Date of issue: 22/03/2019.
2. The consent shall be valid up to 30/09/2023 for the use of outlet for the discharge of treated effluent & air emission and to operate industrial plant for manufacture of the following items / products:

Sr. No.	Product	Quantity
1	Pure Rutin	30TPM
2	Quercetin	20TPM
3	Doxofyline	15TPM
4	Troxerutin	15TPM
5	Ambroxol hydrochloride and its intermediate (2Amino 3,5-dibromo Benzaldehyde)	5TPM
6	Itopride hydrochloride	5TPM
7	Febuxostat	3TPM
8	Fexofenadine hydrochloride	3TPM
9	N-Methyl-1- Naphthyl Methylamine HCL	3TPM
10	Acebrophylline	3TPM
11	Diacerein	3TPM
12	Crude Diacerein	2.30TPM
13	Iron Polymaltose	2TPM
14	Choline Fenofibrate	2TPM
15	Tranexamic acid	2TPM
16	Flavoxate hydrochloride & intermediate (3 Methylflavone -8- Carboxylic Acid)	2TPM
17	S-Metoprolol Succinate	2TPM
18	Betahistine Dihydrochloride	2TPM

19	Xanthinol Nicotinate	1TPM
20	Fenofibrate	1TPM
21	Pamabrom	1TPM
22	Venlafexine hydrochloride	1TPM
23	Tadalafil	1TPM
24	Tapentadol hydrochloride	1TPM
25	Linezolid	1TPM
26	Eslicarbazepine Acetate	1TPM
27	Sevelamer carbonate	1TPM
28	Sevelamer hydrochloride	1TPM
29	Desmethyl Venlafexine Succinate Monohydrate	0.50TPM
30	Alpha Lipoic Acid	0.50TPM
31	L- Methylfolate	0.50TPM
32	Dapoxetine Hydrochloride	0.25TPM
33	Tauroursodeoxycholic Acid	0.20TPM
34	Indapamide	0.10TPM
35	Azilsartanmedoxomil potassium salt	0.10TPM
36	Proguanil Hydrochloride	0.10TPM
37	Olopatadine Hydrochloride	0.05TPM
	Total	131.60TPM

3. SPECIFIC CONDITIONS:

- 3.1 Applicant shall not carry out any activity which attracts provisions of Environment Clearance Notification 2006.
- 3.2. Applicant shall obtain prior permission of Ground Water Authority for withdrawal of ground water/use of bore wells. (if applicable)
- 3.3. Management of Solid Waste generated from industrial activities shall be as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46).
- 3.4. As per provision of Rule-18 of Solid Waste Management Rules-2016 all industrial units using fuel and located within 100 km from the refused derived fuel (RDF) plant shall made an arrangement to replace at least five percent of their fuel requirement by refused derived fuel so produced.

4. CONDITION UNDER THE WATER ACT 1974:

- 4.1 The quantity of the industrial effluent to be generated from the manufacturing process and other ancillary industrial operations shall be not exceed 113.7KL/Day. High concentrated effluent 9.5KI./day shall be treated in Spray Dryer or Incinerator and total effluent 60.2KL/day from RO reject, Stripper and washing is sent to MEE. Out of total MEE condensate of 59KL/day, @ 37KL/day is reused for Boiler & cooling make up and remaining 22KL/day is sent to ETP. Hence total effluent of 70KL/day (66KL/day industrial and 4KL/day domestic) shall be treated in ETP and then finally sent to CETP of EICL for final treatment and discharge.
- 4.2 The quantity the domestic wastewater (sewage) shall not exceed 30KL/Day.



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

- 4.3. The applicant shall provide adequate effluent treatment system in order to achieve the quality of the treated effluent as per norms mentioned in column No.3.

1	2	3
Sr. No.	Parameters	CETP Inlet Norms
1.	pH	5 to 9
2.	Temperature	45 ^o C
3.	Suspended Solids	600 mg/l
4.	Oil and Grease	20 mg/l
5.	Phenolic Compounds	5 mg/l
6.	Cyanides	0.2 mg/l
7.	Fluorides	2 mg/l
8.	Sulphides	2 mg/l
9.	Ammonical Nitrogen	50 mg/l
10.	Arsenic	0.2 mg/l
11.	Total Chromium	2 mg/l
12.	Hexavalent Chromium	1.0 mg/l
13.	Copper	2 mg/l
14.	Lead	0.2 mg/l
15.	Mercury	0.01 mg/l
16.	Nickle	5 mg/l
17.	Zinc	5 mg/l
18.	Cadmium	2 mg/l
19.	BOD (5 days at 20 ^o C)	500 mg/l
20.	COD	2000 mg/l
21.	Free Ammonia	5 mg/l

- All efforts shall be made to remove color & unpleasant odor as far as practicable.
- 4.4. The final treated effluent conforming to the above standards shall be send to Common Effluent Treatment Plant (CETP) operated by M/s. Enviro Infrastructure Co. Ltd (EICL) through notified/dedicated tankers for further treatment.
- 4.5. Sewage shall be treated separately to conform to the following standards and utilized scientifically on land for irrigation/ plantation/gardening within the factory premises.

Parameter	Permissible Limit
pH	6.5 to 9
BOD (5days at 20 ^o C)	Less than 30mg/l
Suspended Solids	<100mg/l
Fecal Coliform (FC) Most Probable Number per 100milliliters. MPN/100ml	<1000

5 CONDITIONS UNDER AIR ACT 1981:

5.1 The following shall be used as fuel in Boiler, HAG & D. G. Set respectively.

Sr. No.	Fuel	Quantity
1.	Coal/Agro waste	27MT/day
2.	Diesel	2250lit/hour
3	Furnace oil	300kg/hour

5.2 The applicant shall install & operate air pollution control system in order to achieve norms prescribed herewith.

5.3 The flue gas emission through stack attached to Boiler, HAG & D. G. Set shall conform to the following standards:

Sr. No	Stack Attached To	Stack Height	APCM	Parameter	Permissible Limit
1.	Steam Boiler-1 (2 TPH) & Thermo pack heater (4.0lac Kcal/hour)	30meter common	Multi cyclone separator & Bag filter	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
2	Steam Boiler-2 (4TPH)				
4	Hot Air Generator through Spray Dryer	15.5meter	Cyclone Separator followed by Wet Scrubber		
3	D.G. Sets (125KVA)	20meter	Acoustic measures		
4	D.G. Set (600KVA)	20meter	Acoustic measures		

5.4 The process gas emission through stack/vent attached to various reactors, process vessel shall conform to the following standards:

Stack No.	Stack Attached To	Stack Height	APCM	Parameter	Permissible Limit
1	Reaction Vessels	11meter	Two stage Alkali Scrubber	HCL SO ₂	20 mg/NM ³ 40 mg/NM ³
2	Diacerein Plant	11meter	Caustic Scrubber	Acetic acid	75 mg/NM ³
3	QC lab	10meter	Scrubber	Sulphuric acid	50 mg/NM ³
4	R&D Plant	16meter	Scrubber	HCL	20 mg/NM ³
5	Liquid cum Solid Waste Incinerator	33meter	Dust Collector followed by Two stage Ventury Scrubber	PM HCL SO ₂ NOX CO TOC HF	50 mg/NM ³ 50 mg/NM ³ 200 mg/NM ³ 400mg/NM ³ 100 mg/NM ³ 20 mg/NM ³ 4 mg/NM ³



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

- 5.5 Stack monitoring facilities like port hole, platform/ladder etc., shall be provided with stacks/vents Chimney in order to facilitate sampling of gases being emitted into the atmosphere.
- 5.6 The concentration of the following parameters in the ambient air within the premises of the industry and a distance of 10 meters from the source) other than the stack/vent) shall not exceed the following levels. Applicant shall comply with the National Ambient Air Quality Standards notified by Central Pollution Control Board, New Delhi time to time under the provision of the Environment (Protection) Act-1986.

Parameter	Permissible Limit Annual	Permissible Limit 24 Hrs. Average
Particulate matter- ₁₀ [PM10]	60Microgram /NM ³	100Microgram /NM ³
Particulate matter- _{2.5} [PM2.5]	40Microgram /NM ³	60Microgram /NM ³
Oxides of Sulphur	50Microgram /NM ³	80Microgram /NM ³
Oxides of Nitrogen	40Microgram /NM ³	80Microgram /NM ³

- 5.7 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 5.8 There shall no any fugitive emission and/or odour pollution due to manufacturing activities and ancillary operations. Adequate measures shall be taken thereof.
- 5.9 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 standards in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Daytime is reckoned in between 6 a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

6. GENERAL CONDITIONS: -

- 6.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.
- 6.2 Applicant shall also comply with the general conditions given in annexure- I.
- 6.3 If the products/process falls in SCHEDULE-I or II of the Environmental Audit Scheme, as specified in the order dated 13/3/97 of Hon. High Court in MCA NO.326/97 in SCA No.770/95, the applicant shall also abide by the said scheme.

7. AUTHORIZATION UNDER HAZARDOUS AND OTHER WASTE (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES-2016 FORM-2 (See rule 6(2)).

- 7.1 Number of authorization and date of issue: AWH-100220 dated:22/03/2019.
- 7.2 Reference of application No.147778 Dated:20/12/2018.
- 7.3 M/s. Amilife Sciences Pvt. Ltd. is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, treatment, storage, transport of hazardous wastes on the premises situated at- Plot no.82/B, Survey

No. m106, 107, 114, 1677/1 & 1677/2, ECP Road, Vill:Kharakhadi, Tal:Padra,
Dist: Vadodara-391450.

7.4 Details of Authorization.

Sr. No	Category of Hazardous waste as per the Schedules of H. W. Rules, 2016	Authorized Mode of disposal	Quantity
1	37.2-Schedule-I (Incineration Ash)	Disposal at TSDF site of M/s. Nandesari Environment Control Ltd (NECL).	60MT/Annum
2	28.1-Schedule-I (Inorganic process waste)		135MT/Annum
3	B-1 - Schedule-II (Insulation waste)		10MT/Annum
4	35.3 -Schedule-I (ETP Sludge)	Disposal at TSDF site of M/s. Nandesari Environment Control Ltd (NECL) OR send to GPCB approved Cement industry for co-processing.	269.65MT/Annum
	(MEE / Spray Dryer Salt)		520MT/Annum
5	28.3-Schedule-I (Spent Carbon)	Disposal by send to GPCB approved Cement industry for co-processing OR incineration within premises.	60MT/Annum
6	36.1-Schedule-I Organic Residue (Distillation Residue)		40 MT/Annum
7	B-30-Schedule-II (Poly Aluminium Chloride)	Treatment along with industrial effluent at ETP.	200MT/Annum
8	B-15-Schedule-II (Spent Sulfuric Acid)	Treatment along with industrial effluent at ETP.	160MT/Annum
9	28.6-Schedule-I (Spent Solvent)	Inhouse distillation unit has compliance of SOP published by CPCB, New Delhi	245MT/Annum
10	5.1 - Schedule-I (Used Oil / Spent Oil)	Disposal by selling to registered re-refiners.	10,170MT/Annum
M	33.1-Schedule-I (Empty barrels/containers contaminated with hazardous chemicals/wastes)	Collection, Storage, Transportation, Decontamination and sold out to Registered Recyclers or sent back to suppliers.	1KL/Year
			50.000Nos./Annum

Outward No:50174-10412017



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

(Empty liners contaminated with hazardous chemicals/wastes)		50MT/Annum
-------------------------------------------------------------	--	------------

7.4.1 The Authorization shall be valid for a period of 30/09/2023.

7.4.2 The Authorization is subject to the following general and specific conditions:

7.5 GENERAL CONDITIONS UNDER HAZARDOUS AND OTHER WASTES (M&TM) RULES-2016.

7.5.1 The Authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.

7.5.2 The Authorization or its renewal shall be produced for inspection at the request of an officer Authorized by the State Pollution Control Board.

7.5.3 The person Authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.

7.5.4 Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.

7.5.5 The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time:

7.5.6 The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"

7.5.7 It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.

7.5.8 The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.

7.5.9 The record of consumption and fate of the imported hazardous and other wastes shall be maintained.

7.5.10 The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.

7.5.11 The importer or exporter shall bear the cost of import or export and mitigation of damages if any.


7.5.12 An application for the renewal of an authorization shall be made as laid down under these Rules.

7.5.13 Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.

7.5.14 Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

- 7.6 SPECIFIC CONDITIONS UNDER HAZARDOUS AND OTHER WASTES (M&TM) RULES-2016.
- 7.6.1 The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorization.
- 7.6.2 Handing over of the hazardous and other wastes to the authorized actual user shall be only after making the entry into the passbook of the actual user.
- 7.6.3 In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.
- 7.6.4 The occupier of the facility shall comply Standard operating procedure/ guidelines published by MoEF&CC or CPCB or GPCB form time to time.
- 7.6.5 Unit shall comply provisions of E-Waste Management Rules-2016.
- 7.6.6 The disposal of Hazardous Waste shall be carried out as per the waste Management hierarchy.

For and on behalf of
Gujarat Pollution Control Board


(D.P. Shah)
Environmental Engineer

NO.GPCB/CCA-VRD-257(9)/ID:22811/

Issued To:

M/s. Amilife Sciences Pvt. Ltd.
Plot no.82/B, Survey No. m106, 107, 114, 1677/1 & 1677/2,
ECP Road, Vill:Kharakhadi,
Tal:Padra, Dist: Vadodara-391450.

Outward No:501774,10/04/2019