తెలంగాణ రాష్ట్రం
Telangana State

TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018

Phone: 23887500
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CONSENT & HWA ORDER (EXPANSION)
RED CATEGORY

Consent Order No: 220523778786 **Date :26.08.2022**

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 6 of the Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2016 & Amendments thereof).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof, and Authorisation under the provisions of HW (MH & TM) Rules, 2016 (hereinafter referred to as 'the Acts', `the Rules') and amendments thereof and the rules and orders made there under to **M/s. Chromo Laboratories India Pvt. Ltd (Formerly: M/s. Anjini Chem), Plot No. 43 & 44, Phase – II, IDA, Pashamailaram, Patancheru (M), Sangareddy District** (hereinafter referred to as 'the Applicant /Industry') and the industry is authorized to operate the industrial plant to discharge the Effluents from the outlets and the quantity of Emissions per hour from the chimneys, by operating pollution control equipment, as detailed below,

i) Out lets for discharge of Effluents:

Outlet No.	Outlet Description	Max Daily Discharge KLD	Point of Disposal
1.	HTDS effluents (Process & Washings-12.94 KLD, and Scrubber-2 KLD)	14.94	➢ Shall be stripped off for organics recovery. ➢ Stripper condensate to distillate for separation of organic compounds followed by disposal to cement plants for co-processing and distilled effluent shall be recycled. ➢ Stripped effluents for forced evaporation in MEE followed by ATFD/ Nutch filter / Centrifuge. ➢ Condensate from MEE & ATFD shall be routed to LTDS treatment system. ➢ ATFD / Nutch filter/ Centrifuge salts to TSDF. ➢ The MEE condensate and other LTDS effluents shall be lifted to PETL, Patancheru duly confirming to inlet standards of PETL.
2	LTDS Effluent along with the Domestic effluent (DM Plant washings-3KLD, Boiler blow down-1 KLD, Cooling tower bleef off -6KLD and domestic-0.8 KLD	10.8	➢ LTDS effluent along with condensate of MEE & ATFD shall be treated in biological ETP followed by filtration in the RO plant. ➢ RO permeate water to boiler / cooling tower makeup. ➢ RO rejects to MEE followed by ATFD.

ii) Emissions from chimneys:

Chimney No.	Description of Chimney
1	Attached to Coal fired Boiler of capacity 2 TPH
2	Attached to Coal fired Boiler of capacity 1.5 TPH (standby)
3	Process emissions
4	Attached to DG sets capacity 2 x 500 KVA

iii) **HW Authorisation No. 220523778786** **Date :26.08.2022**

HAZARDOUS WASTE AUTHORISATION
(FORM – II)
[See Rule 6 (2)]

M/s. Chromo Laboratories India Pvt. Ltd (Formerly: M/s. Anjini Chem), Plot No. 43 & 44, Phase – II, IDA, Pashamailaram, Patancheru (M), Sangareddy District is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

- **Hazardous wastes with Disposal option:**

S. No	Name of the Hazardous Waste	Stream	Quantity	Disposal Options
1	Organic residue	28.1 of Schedule – I	1.57 TPD	Shall be disposed to Cement Units for Co-processing / AFR facilities for pre-processing (or) M/s. TSDF for pre-processing.
2	MEE salts	35.3 of Schedule – I	420 Kg/day	Shall be disposed to TSDF, Dundigal for secured land filing.

- **Hazardous waste with recycling option:**

Sl. No.	Hazardous waste	Stream	Quantity	Disposal Option.
1	Containers & Liners	33.3 of Schedule – I	500 Nos/Month	After complete detoxification, it shall be dispose of to outside agencies.
2	Waste Oil	5.1 of Schedule – I	2.64 KL/annum	Authorized re-processors/ recyclers.

This consent order is valid for manufacturing the following products along with quantities mentioned therein only with a condition that the industry shall manufacture any 10 products at given point of time as per CFE (Expansion) order.

S. No	Name of the product	Capacity (Kg/day)	No. of stages	Name of the starting Raw material	Quantity (Kg/day)
1.	Candesartan Cilexetil	60	11	3-Nitrophthalic acid	99.85
2.	Cinitapride Hydrogen Tartrate	20	9	Methyl 4-(acetylamino)-2-ethoxy benzoate	23.97
3.	KeterolacTrometh amine	5	6	Benzoyl Chloride	22.22
4.	Levocitrizine Hydrochloride	10	5	4-Chloro Benzophenone	16.10
5.	Moxifloxacin Hydrochloride	50	8	Pyridine-2,3-Dicarboxylic acid	56.47
6.	Repaglinide	5	11	2,hydroxy 4-Methyl Benzoic acid	24.08
7.	Terbinafine Hydrochloride	50	8	Naphthalene	32.78
8.	Valsartan	30	5	L-Valine	35.71

9.	Voricinazole	5	8	5-Fluorouracil	29.29
10.	Zafirlukast	5	9	3-Methoxy-4-methyl benzoic acid	20.48
11.	Ziprasidone	10	6	6-Chloro Oxindole	8.93
12.	AbacavirSulfate	20	3	(1S-cis)-4-amino-2cyclopentene-1-methanol , tartrate salt	47.65
13.	Atorvastatin Calcium	30	4	(4R-CIS)-1. 1-dimethyl ethyl-6-cyano methyl-2. 2 di methyl-1-3 dioxane-4-acetate	45.00
14.	AzilsartanMedoxomil	10	5	Methyl-1-[(2-cyanobiphenyl-4-yl)methyl]-2-ethoxybenzimidazole-7-carboxylate	45.94
15.	ClopidogrelBisulfate	15	7	Thiophene-2-Ethylamine	11.16
16.	Ezetimibe	20	6	Fluorobenzene	165.36
17.	Olmesartan	25	3	5-(1-Hydroxy-1-methyl-ethyl)-2-propyl-3-[2'-(2-trityl-2H-tetrazol-5-yl)-biphenyl-4-ylmethyl]-3H-imidazole-4-carboxylic acid ethyl ester	50.00
18.	Posaconazole	20	3	2-(2-Benzyloxy-1-ethyl-propyl)-4-{4-[4-(4-hydroxy-phenyl)-piperazin-1-yl]-phenyl}-2,4-dihydro-[1,2,4]triazol-3-one	23.15
19.	Risperidone	3	11	Piperidine-4-carboxylic acid (Isonepecotic acid)	18.02
20.	Telmisartan	20	3	1H-Benzimidazole-2n-propyl-4-methyl-6-(1-methyl benzimidazole-2yl]	17.51
21.	VardenafilHCl	3	8	DL Alaninie	10.30
22.	3-(2-chloroethyl)-9-hydroxy-2-methyl-6, 7, 8, 9-tetra hydro- 4H-pyrido [1, 2-a] pyrimidin-4-one	3	2	2-amino-3-benzyloxypyridine	38.71
	Total	**261 Kg/day**			

This order is subject to the provisions of `the Acts' and the Rules' and amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A, B and C enclosed to this order.

This order of Consents and Authorization is valid for a period upto with 31st March, 2026.

Sd/-
MEMBER SECRETARY

To
M/s. Chromo Laboratories India Pvt. Ltd.,
(Formerly: M/s. Anjini Chem),
Plot No. 43 & 44, Phase – II, IDA, Pashamailaram,
Patancheru (M), Sangareddy District

///T.C.F.B.O///

M.Praveen 26/8/2022

SENIOR ENVIRONMENTAL ENGINEER
(CFO – UNIT-III)

SCHEDULE – A

1. The applicant shall make applications through online for renewal of Consent (under Water & Air Acts) and Authorisation under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorisation of the Board. The applicant can also apply for Auto Renewal of the CFO atleast 30 days before the expiry of this order as per the procedure and eligibility stipulated in the Board Circular dt.19.11.2015 & 08.12.2015 (available in Board's Website: http://tspcb.cgg.gov.in/Pages/Circulars.aspx).

2. This order is issued in line with Board's CFE (Expansion) order . Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts. The industry shall comply with all other conditions CFE (Expansion) order is still applicable.

3. Any person aggrieved by an order made by the State Board under Section 25 Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Rules, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

4. The industry may explore the possibility of tapping the solar energy for their energy requirements.

5. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.

SCHEDULE – B

1. Total Water Consumption shall not exceed 27.94 KLD.

Sl. No	Purpose	Quantity (KLD)
1	Process& Washings	12.94
2	Scrubber	2
3	Boiler	1
4	Cooling Tower	6
5	RO/DM Plant	3
6	Water for gardening	2
7	Domestic	1
	Total	**27.94**

2. During the maintenance / breakdown of ZLD, the pre-treated effluent sent to CETP for a period of maximum 15 days in calendar year, duly meeting the following inlet standards.

Outlet No.	Parameter	Limiting Standards
1	pH	5.5 – 9.0
	Temperature °C	45.0
	Total Dissolved Solids (Inorganic)	5,000 mg/l
	Oil and Grease	20 mg/l
	Phenolic Compounds (as C_6H_5OH)	5 mg/l
	Ammonical Nitrogen (as N)	50 mg/l
	Cyanide (as CN)	2 mg/l
	Chromium Hexavalent (as Cr^{+6})	2 mg/l
	Chromium (total) (as Cr)	2 mg/l
	Copper (as Cu)	3 mg/l

	Lead (as Pb)	1 mg/l
	Nickel (as Ni)	3 mg/l
	Zinc (as Zn)	15 mg/l
	Arsenic (as As)	0.2 mg/l
	Mercury (as Hg)	0.01 mg/l
	Cadmium (as Cd)	1 mg/l
	Selenium (as Se)	0.05 mg/l
	Fluoride (as F)	15 mg/l
	Boron (as B)	2 mg/l
	COD	15,000 mg/l

3. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

1.	Attached to Coal fired Boiler of capacity 2 TPH	SPM	115 mg/Nm3
		SO_2*	600 mg/Nm^3 At 6% dry O_2, for solid fuel and3% dry O_2 for liquid fuel
		NO_x*	300 mg/Nm^3 At 6% dry O_2, for solid fuel and3% dry O_2 for liquid fuel
2.	Attached to Coal fired Boiler of capacity 1.5 TPH (standby)	SPM	115 mg/Nm3
		SO_2*	600 mg/Nm^3 At 6% dry O_2, for solid fuel and3% dry O_2 for liquid fuel
		NO_x*	300 mg/Nm^3 At 6% dry O_2, for solid fuel and3% dry O_2 for liquid fuel
3.	Attached to process emissions	HCl	35 mg/Nm3
4.	Attached to DG sets capacity 2 x 500 KVA	SPM	115 mg/Nm3

***As per MOEF&CC Notification No.GSR 96(E), dt. 29.01.2018 published under the Environment (Protection)Rules, 1986.**

4. The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.

5. The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW should comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.

6. The industry shall comply with ambient air quality standards of PM_{10}(Particulate Matter size less than 10μm) - 100 μg/ m^3; $PM_{2.5}$(Particulate Matter size less than 2.5 μm) - 60 μg/ m^3; SO_2 - 80 μg/ m^3; NO_x - 80 μg/m^3, outside the factory premises at the periphery of the industry.

   Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009

   Noise Levels: Day time - (6 AM to 10 PM) - 75 dB (A)
   Night time - (10 PM to 6 AM) - 70 dB (A).

7. The existing CFO & HWA order dt. 04.12.2021 valid upto 31.03.2026 stands cancelled.

8. The industry has paid CFO fee for a period upto 31.03.2023.

9. The industry shall pay balance consent fee annually as per rates notified in G.O.Ms.No.22. The payment of annual consent fee shall be made at the concerned RO for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April to June) is mandatory for the industry / project, failing which, the validity of the Consent Order automatically stands cancelled and operation industry / project without valid consent attracts penal action under the provision of Water Act, Air Act & Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

10. The industry either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.

11. As per the directions of the Hon'ble NGT order dt.24.10.2017, the industry shall contribute the corpus fund of 0.5% on annual turnover of the previous year till complete restoration of the entire affected area. Accordingly, the industry shall pay the corpus fund for the annual turnover of 2016-17,2017-18 & 2018-19. The industry has paid 1 % of corpus fund of Rs. 19,47,210/- and 0.5% of corpus fund of Rs. 421451/- for the year 2016-17. The industry shall contribute corpus fund for remaining above financial years and the contribution shall be continued till complete restoration of the entire affected area and till the Tribunal passes appropriate orders.

12. The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.

13. The industry shall segregate effluents into LTDS & HTDS effluents separately.

14. The industry shall provide hood with extraction systems to the HTDS collection tanks and connect to the scrubbers to control the odor problem.

15. The industry shall carry out Leak Detection and Repair Study (LDAR) to access the solvent losses.

16. The industry shall maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of HTDS effluents, LTDS effluent & RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol.

17. The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. curing maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.

18. The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions.

19. The industry shall operate multi stage scrubber along with online pH monitoring system for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.

20. The industry shall monitor VOCs in ambient air with online VOC analyzer & connect the data to TSPCB server.

21. The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.

22. The industry shall provide IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) as per CPCB norms. They shall connect the data to CPCB & TSPCB server.

23. The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of three months.

24. The industry shall maintain on line TDS meter for HTDS effluent generation and connect the same to TSPCB server. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.

25. The industry shall develop greenbelt as per norms.

26. The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment.

27. The industry shall not use effluents in cooling towers under any circumstances.

28. The industry shall take all necessary precautions to avoid seepages outside the industry premises.

29. The industry shall not discharge any effluents onland within or outside the plant premises.

30. The industry shall provide storm water drains to avoid mixing of effluent/spillages with run-off water.

31. The industry shall collect & store the Hazardous Solid waste in an elevated closed storage shed with impervious lining and Leachate collection system.

32. Under no circumstances the Hazardous Waste shall be burnt in the boiler.

33. The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water. The industry shall collect contaminated rain water and shall dispose the same to the CETP, after confirming to the influent standards of CETP duly maintaining separate records.

34. The industry shall provide arrangement to by-pass the rain water collection tank of first run off rain water for subsequent water flow.

35. The industry shall take measures to prevent the seepages such as cement concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises.

36. The industry shall provide Stack Monitoring facility as per Emission Regulation part-3 (ERP-3) norms for all the major stacks of the industry within a period of two months.

37. The industry shall ensure that the Port hole and ladder facility for the Stacks is safe to carry out Stack monitoring. In place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel within a period of two months.

38. The industry shall comply with the relevant directions issued by Hon'ble NGT, Chennai vide Judgment dt: 24.10.2017 in Application No. 90 of 2013 & batch cases.

39. The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Sangareddy -I every month along with invoice copies of the starting raw materials outsourced.

40. The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.

41. The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors. The industry shall operate Solvent Recovery Plant within plant premises. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders/ recyclers.

42. (a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection.

    i) Daily production details.
    ii) Quantity of Effluents generated & reused.
    iii) Log Books for pollution control systems.
    iv) Daily solid waste generated and disposed

    (b) The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.

43. The industry shall implement the odour control measures at source of generation and from ETP and shall ensure to maintain the same effectively to control odour problems.

44. The industry shall ensure that there shall not be any change in process technology and scope of working without prior approval from the Board.

45. As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only.

46. The industry shall maintain concreted internal roads by cleaning regularly to avoid fugitive emissions due to vehicular movement.

47. The industry shall comply with Task Force directions issued by the Board from time to time.

48. The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.

49. The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.

SCHEDULE - C
[see rule 6(2)]
[SPECIAL CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]

1. The industry shall give top priority for waste minimization and cleaner production practices.

2. The industry shall not store hazardous waste for more than 90 days as per the Hazardous and other Wastes (Management. Handling and Transboundary Movement) Rules, 2016 and amendments thereof. The industry shall maintain 6 copy manifest system for transportation of waste generated and copies of receipt of Consignee shall be submitted to the Concerned Regional office. The industry shall maintain proper records for Hazardous Wastes stated in Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 20(2) of the Hazardous and other Wastes (Management, Handling & Transboundary Movement) Rules, 2016 and amendments thereof.

3. The industry shall dispose /sell the Hazardous Waste to only industries/agencies authorized by the State Pollution Control Boards. The industry shall verify the authorization of the Board given to the Party before disposing its waste to the External Party.

4. The industry shall maintain proper records for Hazardous Wastes disposal and its concurrence with authorization. In case of variation in generation, industry shall submit explanation and obtain amendment in Environmental Clearance/ CFE/CFO in this regard.

5. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal. Waste oils shall be disposed to the authorized Reprocessors/ Recyclers and Used Lead Acid Batteries shall be disposed to the manufacturers / dealers on buyback basis. The industry shall take necessary practical steps for prevention of oil spillages and carryover of oil from the premises. The industry shall check the Certificate/ Authorisation/order of MoEF issued to the Re-user/Recycle units while disposing the waste oil.

6. The industry shall dispose of e-waste to the authorised recyclers only.

7. The industry shall maintain good housekeeping.

8. The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

Sd/-
MEMBER SECRETARY

To,
M/s. Chromo Laboratories India Pvt. Ltd.,
(Formerly: M/s. Anjini Chem),
Plot No. 43 & 44, Phase – II, IDA, Pashamailaram,
Patancheru (M), Sangareddy District

///T.C.F.B.O///

M. Prasad 26/8/2022

SENIOR ENVIRONMENTAL ENGINEER
(CFO – UNIT-III)