



CONSENT & HWA ORDER (RENEWAL)

Consent Order No: 210822768023

Date :24.03.2021

(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. Allied Blenders and Distilleries Pvt. Ltd., (Formerly Shasta bio-fuels Pvt. Ltd.), (Distillery unit), Sy.Nos. 690/AA, 691/AA2 & 692, Rangapuram (V), Peberu (M), Wanaparthy 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)	ETP details & Point of Disposal
1.	Spent wash	900	Multiple effect Evaporator to concentrate the solid to 30% and then to Decanter further to 90% solids and condensate water 896.14 KLD shall be reused in the process and solid @ 30.58 TPD sold as cattle feed.
2.	RO-II Rejects	26.72	
3.	Boiler Blow Down	56	Boiler blow down and cooling tower blow down, DM Plant & Softener regeneration & Co2 Recovery plant effluent shall be neutralized and treated in the Zero Liquid discharge system (ZLD) i.e., UASB, Aeration – I & II, Clarifier, MGF, ACF, Ultrafiltration followed by Ro- I & II and MEE and treated waste water shall be used for cooling tower make up & ash quenching.
4.	Cooling Tower Blow Down	75	
5.	DM Plant & Softener regeneration	100	
6.	Co2 Recovery plant	10	
7.	Domestic	8.0	Septic tank followed by soak pit

ii) Emissions from chimneys:

Chimney No.	Description of Chimney
1	Attached to coal / husk boiler of capacity 50 TPH
2	Attached to DG set of capacity 250 KVA

iii) HW Authorisation No : 210822768023

Date :24.03.2021

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

M/s. Allied Blenders and Distilleries Pvt. Ltd., (Formerly Shasta bio-fuels Pvt. Ltd.), (Distillery unit), Sy.Nos. 690/AA, 691/AA2 & 692, Rangapuram (V), Peberu (M), Wanaparthy District is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

1. HAZARDOUS WASTES WITH DISPOSAL OPTION:

S. No	Name of the Hazardous Waste	Stream	Quantity	Disposal option
1.	ETP sludge	35.3 of Schedule - I	280 Kg/day	Shall be disposed to TSDF.

2. HAZARDOUS WASTE WITH RECYCLING OPTION:

S. No.	Name of the Hazardous Waste	Stream	Quantity	Disposal Option.
1.	Waste oil	5.1 of Schedule -I	1600 Lt/annum	Shall be disposed to authorized agencies.
2.	Drums and plastic cans	33.3 of Schedule-I	50 Nos/day	After complete detoxification, shall be sold to outside agencies.
3.	Plastic waste	-	10 Ton/annum	Shall be disposed to authorized agencies.

This consent order is valid for manufacture of the following products along with quantities only.

S. No	Products	Quantity
1	Rectified Spirit /Ethanol / ENA (Grain based – Maize / Jowar / Broken rice – 380 TPD)	150.0 KLD
2	Electricity	6.5 MW
	By Products	
1.	Impure Spirit	5.0 KLD
2.	Fusel Oil	0.1 KLD
3.	CO2	80.0 Tons/day
4.	DWGS / DDGS	91.7 Tons/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 consent & Hazardous Waste Authorisation should be valid for a period ending with the 31st March, 2026.

**Sd/-
MEMBER SECRETARY**

To
M/s. Allied Blenders and Distilleries Pvt. Ltd.,
(Formerly Shasta bio-fuels Pvt. Ltd.),
(Distillery unit), Sy.Nos. 690/AA, 691/AA2 & 692,
Rangapuram (V), Pebberu (M), Wanaparthy District

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

B. Subgirissh

 **SENIOR ENVIRONMENTAL ENGINEER (FAC)**

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 CFO & HWA order dt. 03.08.2015, CFO & HWA (Auto Renewal) order dt. 15.03.2016 and CFO & HWA amendment order dt. 14.11.2019. 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 CFO & HWA order dt. 03.08.2015, CFO & HWA (Auto Renewal) order dt. 15.03.2016 and CFO & HWA amendment order dt. 14.11.2019 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 Andhra Pradesh Water Rules, 1976 and Air Rules 1982, 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 industry shall comply with the all the directions issued by the Board from time to time.
6. 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 fresh Water Consumption shall not exceed 2399.58 KLD

S. No.	Purpose	Quantity
1.	Process	603.86
2.	Cooling Tower makeup	1325.72
3.	Boiler feed	350.0
4.	DM & Softener	100.0
5.	Co2 Plant	10.0
6.	Domestic	10.0
	Total	2399.58 KLD

2. The pre-treated effluents sending to CETP should not contain constituents in excess of the tolerance limits mentioned below.

Outlet No.	Parameter	Standards
1 to 7	pH	6.5 – 8.5
	Total Suspended Solids	200 mg/l
	Total Dissolved Solids (TDS)	2100 mg/l
	Oil & Grease	10 mg/l
	Biochemical Oxygen Demand (BOD3 days at 270C)	100 mg/l

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

Chimney No.	Description of Chimney	Parameter	Emission standards
1	Attached to coal / husk boiler of capacity 50 TPH	SPM	115 mg/Nm ³
		SO ₂ *	600 mg/Nm ³ At 6% dry O ₂ , for solid fuel and 3% dry O ₂ for liquid fuel
		NO _x *	300 mg/Nm ³ At 6% dry O ₂ , for solid fuel and 3% dry O ₂ for liquid fuel
2	Attached to DG set of capacity 250 KVA	SPM	115 mg/Nm ³

*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 PM₁₀(Particulate Matter size less than 10µm) - 100 µg/ m³; PM_{2.5}(Particulate Matter size less than 2.5 µm) - 60 µg/ m³; SO₂ - 80 µg/ m³; NO_x - 80 µg/m³, 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 industry has paid CFO fee of Rs.9,00,000/- for a period upto 31.03.2021. 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.
8. 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.
9. The industry shall maintain separate water meters for recording water consumption for process, washings, boiler feed & utilities and domestic purposes and also maintain daily records
10. The industry shall maintain digital flow meters for recording the quantity effluent generation at MEE feed, MEE Concentrate and at MEE condensate. They shall also maintain daily records.
11. The industry shall provide and maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at MEE as per CPCB norms and connect the data to the CPCB & TSPCB server.

12. The industry shall maintain real time effluent quality monitoring system for outlet of ETP for the parameters: flow, pH, COD, BOD, TSS as per CPCB directions and connect the data to the CPCB & TSPCB servers.
13. The industry shall maintain online stack monitor for Boiler emissions and connect the data to CPCB & TSPCB servers.
14. The industry shall provide adequate closed storage shed for storage of filter cake, husk and coal to avoid fugitive emissions. The industry shall construct closed ash & Husk storage shed within 3 months.
15. The industry shall develop greenbelt as per norms.
16. The industry shall provide and maintain piezometric wells as per the guidelines issued by CPCB for ground water quality monitoring around the plant area. Sampling and trend analysis monitoring must be carried out on quarterly basis and report shall be submitted to the concerned RO.
17. The industry should restrict their spent wash storage capacity to 30 days storage capacity as per the CPCB guidelines.
18. The industry shall maintain electronic data logging flow totalisers and maintain records of Rectified Spirit production, water consumption, spent wash generation, CO₂ generation. The above flow meter reading should be integrated to PLC system. The consolidated daily records should be furnished to RO- Hyderabad every month.
19. The industry shall dispose the fly ash and bottom ash to the brick manufacturing units on regular basis as committed. They shall provide water sprinkling at ash storage area to avoid fugitive emissions.
20. The industry shall operate the Air Pollution Control Equipments regularly and maintain the log registers. The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.
21. The industry shall provide and maintain Stack Monitoring facility as per Emission Regulation part-3 (ERP-3) norms for all the major stacks of the industry.
22. 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.
23. The industry shall maintain concreted internal roads by cleaning regularly to avoid fugitive emissions due to vehicular movement.
24. The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.
25. The industry shall submit consolidated statement of Production details, effluent generated & effluent treated, Hazardous/ solid waste generated and disposed, records of operation of pollution control equipment on monthly basis to the Concerned Regional Officer and records pertaining in this regards on daily basis shall also be made available to the Board Officials during the inspection.
26. The industry shall comply with Task Force directions issued by the Board from time to time.
27. 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.
28. The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.

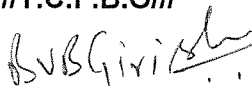
SCHEDULE - C
[see rule 6(2)]
[SPECIAL CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR
HANDLING HAZARDOUS WASTES]

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. Allied Blenders and Distilleries Pvt. Ltd.,
(Formerly Shasta bio-fuels Pvt. Ltd.),
(Distillery unit), Sy.Nos. 690/AA, 691/AA2 & 692,
Rangapuram (V), Peberu (M), Wanaparthy District

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