

# WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan', Bldg. No. 10A, Block – LA, Sector III, Bidhannagar, Kolkata - 700 106

(Orange/Green Category Unit)

C0130174

EXPANSION

**ORANGE**



Memo Number: C.022/12-PEB/HOW/266-2012

Date: 28.12.2021

Consent to Operate under Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974, and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981.

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended, and Rules and Orders made thereunder hereby grants its Consent to:

M/s. Bagaria Aluminium Alloys (P) Ltd.

(hereinafter referred to as Applicant) for its unit located at Ranikhati - Amta Road, Vill - Islampur, P.O. - Nayachak, P.S. - Jagat Ballavpur, Howrah - 711 401

(Detailed address of the manufacturing unit)

for a period from Date of Issue 30-01-2022 to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit in accordance with the conditions as mentioned below provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in this consent letter and as specified in the Environmental (Protection) Act, 1986.

Breach of the conditions and/or failure to comply with the directions as mentioned below shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation/change/alter the conditions of this consent letter giving one month's notice to the applicant.

### Conditions:

01. This Consent is valid for the manufacture of

Sl. No.	Name of major products and by-products	Quantity produced per month (MAX)	Sl. No.	Name of major products and by-products	Quantity produced per month (MAX)
01.	Aluminium Pressure Cooker	15000 NOS.	03	Aluminium de-oxidizing Agent	200 MT
02.	Aluminium Alloy Ingot	500 MT	04.	Aluminium Circle	40 MT

02. The Applicant shall observe the following fuel consumption pattern.

Sl. No.	Type of fuel	Quantity per day	Sl. No.	Type of fuel	Quantity per day	Sl. No.	Type of fuel	Quantity per day
01	Fuel oil	42 KL/MONTH	02	-	-	03	-	-

03. The Applicant falls in the category of the Water (Prevention and Control of Pollution) Cess Act, 1977 and Rules made thereunder and shall comply with the provisions of said Act. and Rules and regularly submit to the Board the Returns of Water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

04. Daily water consumption for the following purposes should not exceed.

Industrial cooling, spraying in mine pits and boiler feed water (water used for gardening should be included in this category of use)	Domestic purpose	Processing whereby water gets polluted and the pollutants are easily biodegradable	Processing whereby water gets polluted and the pollutants are not easily biodegradable
NIL	0.75 KL	NIL	NIL

05. Daily discharge of effluent shall not exceed

	Industrial liquid effluent	Domestic liquid effluent	Mixed (industrial & domestic) liquid effluent
No. of outfalls	NIL	01 (one)	NIL
Quantity	NIL KL	0.6 KL	NIL KL
Place of discharge	NA	panchayat drain/soak pit	N.A.

06. The Applicant shall provide drainage system for conveying industrial & domestic liquid waste & separate drainage system for storm-water and shall provide comprehensive treatment facility for industrial and domestic liquid waste (sewage, sullage & liquid effluent generated from canteen) and operate and maintain the same to conform to the Standard for final effluent as given below.

Outlet No.	Nature of effluent	Parameters and standard (in mg/l. max)					Frequency of effluent sampling
		pH	BOD	COD	TSS	O & G	
01.	Domestic	5.5-9.0	30	250	100	10	-

\* F.O. to be replaced with a cleaner fuel by 31-10-2022 as per state fuel policy as per the notification issued by Department of Environment, Government of W.B. vide NO. EN/1527/7-VIII-6/01/2020 date 13-11-2020.

07. This Applicant shall provide comprehensive pollution control equipment and operate and maintain the same continuously to conform the quality of the final gaseous emission to the Standard as given below :

Stack No.	Stack height from G.L. (in mts.)	Stack attached to (sources and control system, if any)	Volume Nm <sup>3</sup> /hr	Velocity of gaseous emission (mg/sec)	Concentrations of parameters not to exceed			Frequency of sampling
					SPM (mg./Nm <sup>3</sup> )	CO (% v/v)		
S-1								
S-2								
S-3								
S-4								

08. The Applicant shall maintain the generation and treatment/disposal of non-hazardous solid waste as specified below.

Type of waste	Quantity	Treatment	Disposal
DUST	10 TPM	-	To be used in landfilling
Dross	2.5 TPD	-	To be reused or given to registered reprocessors.

09. The Applicant shall take adequate measures for control of noise levels from its own sources within its premises to conform to

Time	Limit in dB (A) L <sub>eq</sub>	Time	Limit in dB (A) L <sub>eq</sub>
Day time (06 a.m. to 09 p.m.)	65	Night Time (09 p.m. to 06 a.m.)	55

10. The Applicant shall remain responsible for quantity and quality of liquid effluent and air emissions and shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emissions.

11. The Applicant shall at all times maintain good house-keeping, proper working order, control pollution (including fugitive emissions) from all sources to maintain clean environment in & around factory premises and to surrounding areas/inhabitants.

12. The Applicant shall bring about at least 33% of the available open land under the green coverage/ plantation.

13. The Applicant shall provide for sufficient alternate electric power source to operate all pollution control facilities. In absence of such alternate power source, the production should be stopped/reduced/controlled to conform the conditions of the Consent.

14. All the stacks connected to various sources of emissions must be painted/displayed to designate by numbers such as S-1, S-2 etc. and shall have ports, ladder, platform etc. for monitoring/sampling the air emissions and the same shall be made available for inspection and use by the State Board's staff as well as State Board's authorised agencies.

15. The Applicant shall install a separate energy meter showing the consumption of energy for operation of pollution control devices and shall install suitable device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the State Board.

16. The Applicant shall allow the Officers of the State Board to enter into the premises of the unit at any reasonable time to inspect the pollution control systems and shall provide adequate and safe facility for collection of air, wastewater and solid waste samples for monitoring and measuring by the State Board's staff as well as State Board's authorised agencies.

17. The Applicant shall maintain an Inspection Book in the factory premises which shall be made available to inspecting officers of the State Board for inspection, review and to write down any direction or observation as is deemed necessary during the inspection.

18. The Applicant shall intimate to the State Board immediately of any occurrence or apprehension of occurrence of discharge of any pollutants in excess of quality and quantity as mentioned above to any receiving water body/system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster and the Applicant shall take adequate steps to prevent such accidental event.

19. The Applicant shall apply for renewal of consent to State Board in prescribed form <sup>120</sup> 60 (sixty) days before expiry of this Consent.

20. The Applicant shall not make any alteration/modification/expansion in the existing manufacturing process and equipment, pollution control system and shall not bring into any altered or new outlet/outfall or stack or change the place of discharge, without prior approval of the Board.

21. The Applicant shall comply with the conditions as laid down in the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989, Hazardous Wastes (Management & Handling) Rules, 1989 and 'Public Liability insurance Act. 1991.

Additional Conditions : *please refer to annexure.*



For and on behalf of the Board  
*[Signature]*  
28/12/2011  
(Member Secretary/Chief Engr./Sr. Env. Engr./Env. Engr./Asst. Eng. Engr./Sr. Scientist)  
**Environmental Engineer**  
**Howrah Regional Office**  
**3. Pollution Control Board**

Annexure to consent certificate CO130174

Special conditions issued to: M/s. Bagaria Aluminium Alloys (P) Ltd., located at Ranihati-Amta Road, Vill.- Islampur, P.O.-Nayachak, P.S.-Jagatballavpur, Howrah-711401.

1. Unit shall at all times comply with the emission and effluent standards prescribed by the State Board.
2. All process emissions, dust and fumes to be collected through proper fume collection system and to be vented out after adequate treatment. Adequate measures to be taken to control any fugitive emission and odour pollution.
3. This consent is valid subject to unit's possession of all relevant statutory licences from all concerned departments, as applicable, including **SWID (for abstraction of ground water)**, Fire Services, etc.
4. All care should be taken for abatement of noise and no activity should be done in the open/uncovered space.
5. The unit shall not undertake any expansion, modification or alteration in the existing process without prior permission from this Board. No additional machineries / equipment shall be installed without prior permission from this Board. **No change in raw materials, products and production capacity shall be made without prior permission from this Board.**
6. Solid wastes shall be disposed off in an environment-friendly manner and as permitted by Rules. **Unit shall always operate with valid Hazardous Waste Authorization certificate of the State Board and shall always keep the Environmental Information Board at the entrance updated in proper manner.**
7. **The unit shall strictly abide by the notification of the Dept. of Environment, GoWB issued vide no. EN/1527/T-VIII-6/01/2020 dt. 13/11/2020 on the Circular on 'Policy for use of Pet Coke and Furnace Oil as a fuel in the State of West Bengal' issued vide no. 243/31/WPB-B(1)2019 dt. 19/10/2020 and submit compliance report to WBPCB as per stipulated timeline.**
8. Land conversion certificate to be obtained from the appropriate authority, if applicable.
9. Adequate measures should be adopted as per norms for ensuring safety against fire hazards.
10. Unit shall ensure all occupational health and safety of workers.
11. Proper lighting, proper pathway etc. should be maintained inside the factory premises; the areas around emission sources and APCS should be clean and easily accessible.
12. Good house-keeping and clean environment to be maintained.
13. Adequate tree planting (atleast 33% of available open land area) should be done.
14. **This consent is being granted in line with the NOC certificates having nos. NO103088 (dt. 16/10/2012) & NO164111 (dt. 19/8/221).**
15. This Consent may be revoked in case of non-compliance of environmental standards and norms and in case of valid public complaint against the unit from environmental point of view.



*[Signature]*  
28/12/2021  
Environmental Engineer  
Howrah Regional Office, WBPCB

**Environmental Engineer**  
**Howrah Regional Office**  
**W.B. Pollution Control Board**