

'Paribesh Bhawan', Bldg. No. 10A, Block – LA, Sector III, Bidhannagar, Kolkata - 700 106
(Orange/Green Category Unit)



Date 25-09-2019

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 :

(Detailed address of the manufacturing unit)

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.

Conditions :

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
01.	steel castings	900 MT	03.	—	—
02.	—	—	04.	—	—

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	L.D.O.	250 ltr./month	02	—	—	03	—	—

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
25.6 KL	1.17 KL	—	—

	Industrial liquid effluent	Domestic liquid effluent	Mixed (industrial & domestic) liquid effluent
No. of outfalls		One	
Quantity	KL	0.95 KL	KL
Place of discharge		Municipal Drain	

Outlet No	Nature of effluent	Parameters and standard (in mg/l. max)								Frequency of effluent sampling
		pH	BOD	COD	TSS	O & G				
One	Domestic	5.5-9.0	30	250	100	10				YEARLY
The unit will not discharge any process effluent without prior permission of the Board.										

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 ³ /hr	Velocity of gaseous emission (mg/sec)	Concentrations of parameters not to exceed				Frequency of sampling
					SPM (mg./Nm ³)	CO (% v/v)			
S-1	30	Annealing Furnace - 1NO. (0.5 MT) Fixed	150	<1%	150	<1%	—	—	YEARLY
S-2	30	ARC Furnace - 1NO. 500 kg/hr (Electric)	150	<1%	150	<1%	APCD - packed bed scrubber	—	"
S-3	15	Induction Furnace - 1NO. (0.5 MT) (Electric)	150	<1%	150	<1%	APCD - Bag Filter	—	"
S-4	9.14	D.G. set (125 KVA) - 1NO.	150	<1%	150	<1%	—	—	"

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

Type of waste	Quantity	Treatment	Disposal
slag & sand	35 MT/month	—	To be disposed off in an environment friendly manner

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 _{eq}	Time	Limit in dB (A) L _{eq}
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 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 see annexure for special conditions



(Member Secretary/Chief Engr./Sr. Env. Engr./Env. Asst. Engr./Sr. Scientist)

For and on behalf of the Board
Nupur Singh
AEE
25/09/2019
Assistant Environmental Engineer
Howrah Regional Office
W.B. Pollution Control Board