



PUNJAB POLLUTION CONTROL BOARD
Zonal Office-I, Ludhiana

Website:- www.ppcb.gov.in

Industry ID:R12LDH349157

Date :01/01/2016

Application No :3394794

To

M/s Prime steel processors
V.p.o.jandiali, budhewal road, chandigarh road ludhiana
Ludhiana east
141112
Tehsil: Ludhiana east
District: Ludhiana i

**Subject:- Renew of consent to operate u/s 21 of Air(Prevention & Control of Pollution)Act,
1981 for discharge of emissions arising out of premises.**

With reference to your application for consent to operate an industrial plant u/s 21 of Air(Prevention & Control of Pollution)Act, 1981, you are hereby, authorized by Punjab Pollution Control Board to operate an industrial plant for discharge the emissions arising out of your premises subject to the following conditions:

A. Particulars of the Industry

Name of the Applicant		Sh. Prime steel processors			
Address of Industrial premises		V.p.o.jandiali, budhewal road, chandigarh road ludhiana			
Capital Investment of the Industry		888.16 lakhs			
Scale of the Industry		Medium			
Office District		Ludhiana i			
Consent Fee Details					
Fee For	Bank Name	Branch Name	Draft No./Money Receipt No.	Date	Amount (In Rupees)
CTO Air	Already deposited	Ludhiana	546741	24/08/2015	54000.0
Raw Material, name with quantity/per day		Steel Ingots & Billets @158.7 Metric Tonnes/Day			

Products with quantity/per day	Round, Bars, Flats, Str Steel @ 150 Metric Tonnes/Day
By-products, if any, with quantity/day	Nil
Details of the machinery and processes	Raw Material -> Reheating in furnace -> Rolling -> Ready for cooling -> Dispatch.
Quantity of fuel required in TPD and capacity of boilers/ Furnace/Thermo heater etc.	R.F.O and Pulverised Coal @ 8 TPH
Type of Air Pollution Control Devices installed	Cyclone Separator,
Stack height provided with each boiler/thermo heater/Furnace etc.	Re Heating Furnace @ 80'(Ground Level)/20'(Roof Level)
Sources of emissions and type of pollutants	Re Heating Furnace SPM RE HEATING FURNACE SPM
Standards to be achieved	As prescribed by the Board

B. Particulars of Consent to Operate of the industry

No. R16LDH1CTOA3394794	Date of issue :01/01/2016
	Date of expiry :31/03/2020

A. MAIN CONDITIONS

B. GENERAL CONDITIONS

1. This consent is not valid for getting extension in power load from the P.S.P.C.Ltd or for getting loan from the financial institutions.
2. This consent is valid to operate One no. Re-heating furnace of capacity 8 TPH & 01 No. D.G. set 100 KVA.
3. The industry shall apply for renewal of consent well before expiry of the consent.
4. The industry shall not consume any fuel except R.F.O & Coal Gas for re-heating furnace & diesel @ 200 Ltr/hr for D.G. set purposes without the prior written permission of the Board.
5. The industry shall comply with any other conditions laid down or directions issued in due course by the Board under the provisions of the Air (Prevention & Control of Pollution) Act, 1981.
6. Nothing in this consent shall be deemed to preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected to under this or any other Act.
7. The industry shall plant minimum of three suitable varieties of trees at the density not less than 1000 trees per hectare all along the boundary of the industrial premises.
8. Any amendments/revisions made by the Board in the emission/stack height standards shall be applicable to the

industry from the date of such amendments/ revisions.

9. The existing control equipment shall be altered or replaced in accordance with the direction of the Board, and no control equipment or chimney shall be altered or as the case may be erected or re-erected except with the previous approval of the Board.

10. The industry will maintain record of readings of separate energy meter installed with air pollution control device, on daily basis and monthly reading may be sent to the Board by the fifth of the following month.

11. The industry shall provide port-holes, platforms and/or other necessary facilities as may be required for collecting the samples of emissions from any chimney, flue or duct or any other outlets.

Specifications of the port-holes shall be as under:-

i) The sampling ports shall be provided at atleast 8 times chimney diameter down stream and 2 times up stream from the flow disturbance. For a rectangular cross section the equivalent diameter (D_e) shall be calculated from the following equation to determine upstream, downstream distance:-

$$2LW$$

$$D_e = \frac{2LW}{L+W}$$

$$L+W$$

Where L=Length in mts. W=Width in mts.

ii) The sampling port shall be 7 to 10 cm in diameter.

12. The industry shall make necessary arrangements for the monitoring of stack emissions and shall monitor its emissions once in a year.

13. The industry shall maintain the following record to the satisfaction of the Board :-

a) Log books for running of air pollution control devices or pumps/motors used for running of the same.

b) Register showing the results of various tests conducted by the industry for monitoring of stack emissions and ambient air.

c) Register showing the stock of absorbents and other chemicals to be used for scrubbers.

14. The air pollution control equipments shall be kept at all time in good running condition and ;

(i) All failures of control equipments.

(ii) The emissions of any air pollutant into the atmosphere in excess of the standards laid down by the Board occurring or being apprehended to occur due to accident or other unforeseen act or event.

"Shall be intimated to the Environmental Engineer, Regional Office, Ludhiana as well as to the Director of Industries, Punjab Chandigarh as required under rule 10 of the Punjab State Board for the Prevention and Control of Air Pollution Rules, 1983".

15. The industry shall gets its emissions tested from class 'A' Laboratory approved by the Board / Board lab. and submit the results to the Board atleast once in a year.

16. The industry shall dispose off its solid waste generated by the industry in a proper manner and to the satisfaction of the Board to avoid public nuisance and air pollution problem.

17. The industry shall ensure that at any time the emission do not exceed the emissions standards laid down by the Board from time to time.

18. The industry shall discharge all gases through a stack of minimum height of 9 meters or 2.5 times the height of

neighbouring buildings whichever is more or as specified in the following standards laid down by the Board by using the formula:

$$H = 14 Q^{10.3}$$

or

$$H = 74 Q^{20.27}$$

Where Q1 = Quantity of SO₂ in Kg/hr.

Q2 = Quantity of particulate matter in Ton/day.

19. The industry shall not discharge any fugitive emissions. All gases shall be emitted through a stack of suitable height, as per the norms fixed by the Board from time to time.

20. The industry shall ensure that the concentration of the suspended particulate matter in the flue gas emissions does not exceed 150 mg/Nm³.

21. The industry shall ensure that no air pollution problem or public nuisance is caused in the area due to discharge of emissions from the industry.

22. The adequacy and efficacy of the air pollution control device will be the entire responsibility of the industry.

23. The industry shall obtain the authorization under the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008.

24. The pollution control devices shall be interlocked with the manufacturing process of the industry.

25. The industry shall take all necessary pollution control measures for noise/emission (including providing canopy) for its DG set so as to comply with the provisions of EPA 1986 & Govt. of India notification No. GSR-371 E dated 17.05.2002 (amended from time to time) issued by Ministry Environmental Forest, New Delhi.

26. The industry shall provide adequate arrangements for fighting the accidental leakage/ discharge of any air pollutant/gas/liquids from the vessel, mechanical equipments etc. which are likely to cause environmental pollution.

27. The industry shall put up display board indicating environment data as per performa at the main gate of the industry.

28. The Board reserves the right to revoke this 'consent to operate' granted to the industry at any time, in case the industry is found violating any of the conditions of this consent and/or the provisions of the Air (Prevention & Control of Pollution) Act, 1981 as amended time to time.

Environmental Engineer

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