



PUNJAB POLLUTION CONTROL BOARD
Zonal Office-II, E-648-B, Backside CICU Office, Phase-5, Focal Point, Ludhiana.

Website:- www.ppcb.gov.in

Industry ID:R13LDH3241498

Date :06/04/2016

Application No :3855784

To

M/s Medicare environmental management pvt ltd
Opposite-central jail, tajpur road
Ludhiana east
141001
Tehsil: Ludhiana east
District: Ludhiana iii

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. Medicare environmental management pvt ltd			
Address of Industrial premises		Opposite-central jail, tajpur road			
Capital Investment of the Industry		271.15 lakhs			
Scale of the Industry		Small			
Office District		Ludhiana iii			
Consent Fee Details		-			
Fee For	Bank Name	Branch Name	Draft No./Money Receipt No.	Date	Amount (In Rupees)
CTO Air	YES BANK	HUDA COMPLEX GURGAON	194429	26/02/2016	36000.0
Raw Material, name with quantity/per day			Bio-Medical Waste @ 5 Metric Tonnes/Day from different HCF's of different categories		

Products with quantity/per day	Bio-Medical Waste Treatment Plant with installed capacity of 5 TPD of Bio-Medical waste.
By-products, if any, with quantity/day	-
Details of the machinery and processes	Bio-Medical Waste Treatment Plant
Quantity of fuel required in TPD and capacity of boilers/ Furnace/Thermo heater etc.	One Incinerator of 5 MTPD capacity- Diesel @ 264 TPD
Type of Air Pollution Control Devices installed	One Incinerator of 5 MTPD capacity with ventury scrubber as APCD.
Stack height provided with each boiler/thermo heater/Furnace etc.	One Incinerator of 5 MTPD capacity- 30 meter from ground level
Sources of emissions and type of pollutants	One Incinerator of 5 MTPD capacity with ventury scrubber as APCD. One DG set of 82.5 KVA capacity with canopy.
Standards to be acheived	-

B. Particulars of Consent to Operate of the industry

No. R16LDH3CTOA3855784	Date of issue :06/04/2016
	Date of expiry :30/06/2019

A. MAIN CONDITIONS

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B. GENERAL CONDITIONS

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

1. This consent is not valid for getting power load from the P.S.C.P.L or for getting loan from the financial unit.
2. The Common Facility shall discharge all gases through a stack of minimum height as specified in the standards laid down by the Board.

For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation.

Stack height for diesel generating sets:

Capacity of diesel generating set	Height of the Stack	
0-50 KVA	Height of the building	+ 1.5 mt
50-100 KVA	-do-	+ 2.0 mt.
100-150 KVA	-do-	+ 2.5 mt.
150-200 KVA	-do-	+ 3.0 mt.
200-200 KVA	-do-	+ 3.5 mt.
250-300 KVA	-do-	+ 3.5 mt.

For higher KVA rating stack height H (in meter) shall be worked out according to the formula:

$$H = h + 0.2 (KVA)^{0.5}$$

Where h = height of the building in meters where the generator set is installed.

3. The Common Facility shall not consume any fuel except diesel in incinerator as well as DG set without the prior written permission of the Board.
4. The Common Facility shall ensure that at any time the emission do not exceed the emissions standards laid down by the Board from time to time.
5. The Common Facility shall ensure that the emissions from each stack shall conform to the following emission standards laid down by the Board.

Steam Generating capacity	Required particulate matter	
	A. Area upto 5 Km from class-II town.	B. Other than "A" the periphery of I and
Less than 2 ton/hr.	800 mg/NM3	1200 mg/NM3
2 ton to 10 ton/hr.	500 mg/NM3	1000 mg/NM3
Above 10 ton to 15 ton/hr	350 mg/NM3	500 mg/NM3
Above 15 ton/hr	150 mg/NM3	150 mg/NM3

All emissions normalized to 12% carbon dioxide.

6. The Common Facility 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 downstream and 2 times upstream from the flow disturbance.

For a rectangular cross section the equivalent diameter (De) shall be calculated from the following equation to determine upstream, downstream distance:

$$De = 2LW/L+W$$

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

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

7. The Common Facility shall make necessary arrangements for the monitoring of stack emissions and shall monitor its emissions:-

- (i) Once in Year for Small Scale Industries.
- (ii) Twice in a Year for Large/Medium Scale Industries.

8. The Common Facility 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.

9. Nothing in this consent shall be deemed to preclude the facility 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.

10. The Common Facility shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.

11. Any amendments/revisions made by the Board in the emission/stack height standards shall be applicable to the Common Facility from the date of such amendments/revisions.

12. The Common Facility shall dispose off its solid wastes generated in a proper manner and to the satisfaction of the Board to avoid public nuisance and air pollution problem.

13. 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.

14. The Common Facility 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.
15. The Common Facility shall provide adequate arrangements for fighting the accidental leakages/discharge of any air pollutant/gas/liquids from the vessel, mechanical equipment's etc. which are likely to cause environmental pollution.
16. The Common Facility shall ensure that no air pollution problem or public nuisance is created in the area due to discharge of emissions from the Common Facility.
17. The Common Facility will submit the monthly readings of the separate energy meter for running air pollution control devices to the Board by the fifth of the following month.
18. The Common Facility shall obtain the Authorization under the Hazardous Waste Management Rules, 2008 as amended from time to time and under Bio-Medical Waste (Management & Handling) Rules, 1998.
19. The Common Facility will provide canopy and adequate stacks to the D.G sets so as to comply with the provision of EPA 1986 & GOI notification No GSR-371 E dated 17-5-2002(amended from time to time) issued by MOEF.
20. The Common Facility shall put up display board indicating Environment data at the main entrance gate.
21. The Board reserves the right to revoke the consent granted to the Common Facility at any time in case the Common Facility is found violating any of the conditions of the consent under Air (Prevention & Control of Pollution) Act, 1981 as amended time to time.

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