



**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.	B.	the periphery of I and
	Area upto 5 Km from class-II town.	Other than "A"
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 pervious 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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**PUNJAB POLLUTION CONTROL BOARD**  
**Zonal Office-II, 3rd Floor, Savitri Complex-I, Dholewal Chowk, G.T. Road,**  
**Ludhiana.**

Website:- [www.ppcb.gov.in](http://www.ppcb.gov.in)

**Industry ID:R13LDH3241498**

**Date :29/12/2014**

**Application No :2158839**

**To**

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

**Subject:- Grant of consent to Operate an outlet u/s 25/26 of Water(Prevention & Control of Pollution)Act, 1974 for discharge of effluent.**

With reference to your application for consent to operate an outlet for discharge of the effluent u/s 25/26 of Water(Prevention & Control of Pollution)Act, 1974, you are, hereby, authorized by the Board to discharge the effluent(s) arising out of your premises at Opposite-central jail, tajpur road subject to the following conditions:

**A. Particulars of the Industry**

Name of the Applicant	Medicare environmental management pvt ltd			
Address of industrial premises	Opposite-central jail, tajpur road			
Capital investment of the industry	248.23883 lakhs			
Scale of the industry	Small			
Office District	Ludhiana iii			
Consent Fee Details	-			
Bank Name	Branch Name	Draft No./Money Receipt No.	Date	Rupees
AXIS BANK	DWARKA NEW DELHI	194837	12/11/2014	45000.0

Raw Materials, name with quantity per day	Bio-Medical Waste (Capacity) @ 5 TPD 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 per day	-
Details of the machinery and processes	Bio-Medical Waste Treatment Plant
Details of the Effluent Treatment Plant	Domestic effluent @ 4.8 KLD
Mode of Disposal	Domestic effluent @ 4.8 KLD onto land for plantation after treatment.
Standards to be achieved	-

**B. Particulars of Consent to Operate granted to the industry**

<b>No.R14LDH3CTOW2158839</b>	<b>Date of issue :29/12/2014</b>
	<b>Date of expiry :30/06/2019</b>

**C. Main Conditions:**

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**D. General Conditions:**

Reference to your application for 'consent to operate' of the Board to operate outlet to discharge the effluent(s) u/s 25/26 of the Water (Prevention & Control of Pollution) Act, 1974. You are hereby authorized to discharge the effluent(s) arising out of your premises subject to the following conditions:

1. The consent is issued for the discharge of effluents as per details given below from the premises of the common facility through the out-let(s) authorised by the Board:

Sr. No. Description Quantity m<sup>3</sup>/day Mode of final disposal

(i) Trade Effluent Nil Recirculation of scrubbing effluent after treatment.

(ii) Domestic Effluent 4.8 KLD Onto land for plantation after treatment through septic tank.

2. This consent is not valid for getting power load from the P.S.P.C.L or for getting loan from the financial institutions.

3. The effluent discharged through the authorized outlet shall conform to the standards prescribed by the Board as per Board's Notification issued from time to time for such discharges.

4. (i) The common facility shall apply for renewal of consent at least two months before expiry of the consent.

(ii) The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.

(iii) The consent does not authorise or approve the construction of any physical structures or facilities for undertaking of any work in any natural water course.

(iv) 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 under this or any other Act.

(v) During the period beginning from the date of issuance and the date of expiration of this consent, the applicant shall not discharge floating solids or visible foam.

5 Any amendments/revisions made by the Board in the tolerance limits for discharges shall be applicable to the common facility from the date of such amendments/revisions.

6 The authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board.

7 The common facility shall not use any unauthorized out-let(s) for discharging effluents from its premises. All unauthorized outlets shall be connected to the authorized outlet within one month from the date of issue of this consent.

8 The common facility shall not change or alter the manufacturing process (es) so as to change the quality and/or quantity of the effluents generated without the written permission of the Board.

9 Any upset conditions in the plant/plants of the factory, which is likely to result in increased effluent and/or result in violation of the standards laid down by the Board shall be reported to the Environmental Engineer, Punjab Pollution Control Board, Regional Office-III, Ludhiana through fax under intimation to the Board failing which any stoppage and upset conditions that come to the notice of the Board/its officers, will be deemed to be intentional violation of the conditions of consent.

10 All under ground water retaining structures shall be lined with an impervious layer so as to avoid seepage and contamination of sub-soil/water.

11 The common facility shall provide terminal manhole(s) at the end of each collection system and a manhole upstream of final outlet (s) out of the premises of the common facility for measurement of flow and for taking samples.

12 The common facility shall for the purpose of measuring and recording the quantity of water consumed and effluent discharged, affix meters of such standards and at such places as approved by the Environmental Engineer, Punjab Pollution Control Board, Regional Office-III, Ludhiana.

13 The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except.

(i) Where unavoidable to prevent loss of life or some property damage or

(ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye - pass in accordance with the procedure specified above.

14 Solids, sludges, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner as to prevent from any pollutants from such materials from entering natural water.

15 The common facility shall ensure that no water pollution problem is created in the area due discharge of effluents from its industrial premises.

16 The common facility shall make proper disposal of the effluent so as to ensure that no stagnation occurs inside and outside the industrial premises during rainy season and no demand period.

17 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.

18 The common facility shall re-circulate the entire cooling water.

19 The common facility shall make necessary and adequate arrangements to hold back the effluent in case of failure of re-circulation system/ Effluent Treatment Plant.

20 The common facility shall make necessary arrangements for the monitoring of effluent being discharged by the common facility at-least once in a year.

21 The common facility shall provide electromagnetic flow meters with the source of water supply, at inlet/outlet of effluent treatment plant within one month.

22 The common facility shall obtain the Authorization under the Hazardous Waste Management Rules, 2008 as amended and under the Bio-Medical Waste (Management & Handling) Rules, 1998 as amended.

23 The common facility shall put up display board indicating Environment data at the main entrance gate.

24 The common facility shall provide rain water harvesting system in its premises to carry roof top rain water into underground strata.

25 No surface run off or any other rain water flowing in lawns/ garden be allowed to enter into the rain water harvesting system.

26 All the pipes provided for the recharging system should be visible and properly coloured with light blue colour.

27 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 Water (Prevention & Control of Pollution) Act, 1974 as amended time to time.

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