



NI: - 48 /Raigarh/21
Date: - 07/05/2021

CHHATTISGARH ENVIRONMENT CONSERVATION BOARD
Paryavas Bhawan, North Block, Sector - 19,
Nava Raipur Atal Nagar, District - Raipur (C.G.)
e-mail - hocecb@gmail.com

No. **299 /TS/CECB/ 2021** Nava Raipur Atal Nagar, Raipur Dated **07/05/2021**
To,

M/s Fortis O.P.J.H.R.C. and O.H.C. Center
of M/s Jindal Steel and Power Limited,
Post Box No. 16, Kharsia Road, Raigarh,
District-Raigarh (C.G.)

Sub.: - Grant of "Consent to establish and operate" under section 25 of the
Water (Prevention and Control of Pollution) Act, 1974 and under
Section 21 of the Air (Prevention and Control of Pollution) Act, 1981.

Ref.: - Your online application no. 5673995, dated: 18/08/2020 and
subsequent correspondence ending dated 19/03/2021.

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With reference to your above application, "Consent to establish and
operate" is hereby granted to **M/s Fortis O.P.J.H.R.C. and O.H.C. Center of M/s
Jindal Steel and Power Limited, Post Box No. 16, Kharsia Road, Raigarh,
District-Raigarh (C.G.). – 70 Operational Beds** subject to the fulfillment of the
terms and conditions annexed hereto as part A & B respectively for a period of
one year from the date of issue of this letter.

Please acknowledge the receipt of this letter.

For & on behalf of
Chhattisgarh Environment Conservation Board

Sd/-
Member Secretary
Chhattisgarh Environment Conservation Board
Nava Raipur Atal Nagar, Raipur (C.G.)

Endt. No. **300/TS/CECB/2021**

Nava Raipur Atal Nagar, Raipur dated: **07/05/2021**

Copy to: -

Regional Officer, Regional Office, Chhattisgarh Environment Conservation Board, Raigarh (C.G.). Please ensure compliance and report, if any condition/conditions are violated by the Hospital.

Sd/-

Member Secretary

Chhattisgarh Environment Conservation Board
Nava Raipur Atal Nagar, Raipur (C.G.)

PART-A

CONSENT LETTER

Sub: Grant of "Consent to establish and operate" to **M/s Fortis O.P.J.H.R.C. and O.H.C. Center** for the discharge of effluent under section 25 of the Water (Prevention & Control of Pollution) Act, 1974.

Ref: Online application No. 5673995, dated: 18/08/2020 and subsequent correspondence ending dated 19/03/2021 of **M/s Fortis O.P.J.H.R.C. and O.H.C. Center** (Expiry Date - After one year from the date of issue of this letter)

1. With reference to the above application for consent to discharge of effluent into the natural water courses under the Water (Prevention & Control of Pollution) Act, 1974, here-in-after referred to as the Act, **M/s Fortis O.P.J.H.R.C. and O.H.C. Center** is authorized by the State Board to discharge its industrial and other effluents arising out of their premises into the local stream/river/well in accordance with the general and special conditions as mentioned in the Annexure.
2. This consent shall be valid for a period of one year from the date of issue of this letter.

This consent is valid for **M/s Fortis O.P.J.H.R.C. and O.H.C. Center of M/s Jindal Steel and Power Limited, Post Box No. 16, Kharsia Road, Raigarh, District-Raigarh (C.G.). – 70 Operational Beds.**

Please acknowledge the receipt of this letter.

For & on behalf of
Chhattisgarh Environment Conservation Board

Member Secretary
Chhattisgarh Environment Conservation Board
Nava Raipur Atal Nagar, Raipur (C.G.)

Seal
Enclosure: Annexure

(I)
ANNEXURE

M/s Fortis O.P.J.H.R.C. and O.H.C. Center

Location :

Post Box No. 16, Kharsia Road, Raigarh,
District-Raigarh (C.G.)

Vide consent no. 48/NI/Raigarh/CECB/2021 Dated 07/05/2021

A. GENERAL CONDITIONS: -

1. All discharges authorized shall be consistent with terms and conditions of this Consent Facility expansions, production increases or process Modifications which result in new or increased discharges of pollutants must be reported by submission of a new Consent, application or if such new, or increased discharge does not violate the effluent limitations specified in the Consent, by submission to the Board details of such new or increased discharges of pollutants in which case the consent may be modified to specify effluent limitations for any pollutants not identified and limited here in the discharge of any pollutant more frequently than or at a level in excess of that identified and authorized by the Consent shall constitute a violation of the terms and conditions of the Consent.
2. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to the following:
-
 - (a) Violation of any terms and conditions of this Consent.
 - (b) Obtaining this Consent by misrepresentation of failure to disclose fully all-relevant facts.
 - (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.
3. Notwithstanding para(2) above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established for a toxic pollutant which is present in the discharge authorized here in and such standard or prohibition is more stringent than any limitation upon such pollutant in this Consent the Consent shall be revised or modified in accordance with the toxic effluent standard or prohibition that the Board may consider and the applicant shall be so notified.

4. The applicant shall allow the staff of Chhattisgarh Environment Conservation Board and/or their authorized representative, upon the Presentation of credentials:
 - (a) To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
 - (b) To have access to and copy at reasonable time any records required to be kept under the terms and conditions of this Consent.
 - (c) To inspect at reasonable time any monitoring equipment or monitoring method required in this Consent; or
 - (d) To sample at reasonable time any discharge of pollutants.
5. The applicant shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities of system installed or used by him to achieve compliance with the terms and conditions of this Consent.
6. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or local laws or regulation.
7. The Consent does not authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any water course.
8. The specific effluent limitations and other pollution controls applicable to the discharge permitted here in are set forth below as specific conditions. Also set forth below are self-monitoring and reporting requirements. Unless otherwise specified, the applicant shall submit duplicate original copies of all reports to the Chhattisgarh Environment Conservation Board. Except for data determined to be confidential all such reports shall be available for public inspection at the office of the Chhattisgarh Environment Conservation Board. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provide for in section 42 of the Act.

B. SPECIAL CONDITIONS: -

1. Initial Effluent limitation during the period beginning on the effective date of this consent and lasting until one calendar year

discharge from outfalls shall be limited and monitored by the applicant as specified below: -

(a) The following shall be limited by the applicant as specified.

S.No.	Effluent Characteristics	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement	Type of Sample
		Mg/l	Kg/Day	Mg/l	Kg/Day		

Daily/Weekly/Monthly/Tri-monthly.

Grab/ 24 Hours Composite

In Addition to above discharge shall be limited and monitored as specified below:

S.No.	Effluent Characteristics	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement*	Type of Sample <input type="checkbox"/> <input type="checkbox"/>
		Mg/l	Kg/Day	Mg/l	Kg/Day		

Daily/Weekly/Monthly/Tri-monthly.

Grab/ 24 Hours Composite

For the purpose of this sub-section, the daily average discharge is the total discharge by weight during the calendar month divided by the number of days in month the production or commercial facility was operating for the purpose of the sub-section the daily maximum discharge means the total discharge by weight during any calendar day.

(b) The pH shall not be less than 5.5 or greater than 9.0

2. Final effluent Limitation: - During the period beginning from 1st day of month of commissioning of the plant and lasting until the date of expiration of this Consent, discharge from the outfalls shall be limited and monitored by the applicant as specified below:-

(a) The following shall be limited and monitored by the applicant as specified.

S. No.	Effluent Characteristics	Discharge Limitation				Monitoring Requirements	
		Average		Maximum		Frequency of Measurement*	Type of Sample <input type="checkbox"/>
		Mg/l	Kg/Day	Mg/l	Kg/Day		
1	B.O.D.	--	--	30	0.47	Monthly	24 hours Composite
2	C.O.D.	--	--	250	3.93		
3	S.S.	--	--	100	1.57		
	pH 5.5 to 9.0 Flow: 15.75 Cum/Day	(Industrial & Domestic)				Daily	Grab

* Daily/Weekly/Monthly/Tri-monthly.

Grab/ 24 Hours Composite

Additional, outfalls shall be monitored as follows:

- (i) Flow, Temperature and Total solids: One per month
- (ii) Grab Samples Maximum discharge temperature above upstream receiving water shall be in accordance with the standard of ISI at 40⁰ C.
- (iii) Uniform as per ISI 2490 at 40⁰ C.

The temperature shall be monitored once per month of each outfall. For the purpose of the sub-section the daily average is the total discharge by weight during calendar month divided by the number of days in month that the production or commercial facility was operating for the purpose of this sub-section, the daily maximum discharge means the total discharge by weight during any calendar day.

(b) The pH shall not be less than 5.5 or greater than 9.0 for outfalls. The samples are taken as monthly, grab samples.

3. Schedule of Compliance for effluent Limitation: -The applicant shall achieve compliance with the effluent limitation: specified above for discharge from outfalls in accordance with the following schedule:

- (i) Report of Progress : Tri - Monthly
- (ii) Completion of final plans by
- (iii) Award of contract of other commitment of financing
- (iv) Commencement of construction by
- (v) Report of construction progress
- (vi) Completion of construction by
- (vii) Attainment of operational level by

Please see on page no 11 & 12

(b) The applicant shall submit to the Consent issuing Authority the required report of progress or where a specific action is required in (a) above to be taken by a certain date a written notice of compliance or non-compliance with each of the above scheduled dates, post marked not later than 14 days following each elapsed date. Each notice of compliance shall include the following: -

- (1) A short description of the non-compliance.
- (2) A description of any action taken or proposed by the applicant to comply with the elapsed scheduled requirement without further delay.
- (3) An estimate of any factor which tend to explain or mitigate the non-compliance, and
- (4) An estimate of the date, the applicant will comply with the elapsed scheduled requirement and assessment of the possibility that the applicant will meet the next scheduled requirement time.

4. Compilation of monitoring Data

- (a) Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.
- (b) Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet monitoring requirements specified above shall conform to such guidelines. Unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water & Waste Water 13th Edition of the American Public Health Association, New York U.S.A. shall be used.

- (c) The applicant shall take samples and measurement to meet the monthly requirements specified above at the location indicated below:

POINT OF SAMPLING

- (i) Outfalls of waste.
- (ii) 100 meters from point of confluence, down stream to river or lake.

5. Recording of Monitoring activities and Results:

- (a) The applicant shall make and maintain records of all information resulting from monitoring activities by this Consent.

- (b) The applicant shall record for each measurement of sample taken pursuant to the requirements of this Consent the following information:

- (1) The date, exact place and time of sampling
- (2) The dates on which analysis was performed.
- (3) Who performed the analysis?
- (4) The analytical techniques or methods used and
- (5) The result of all required analysis.

- (c) If applicant monitors any pollutant more frequently as is required by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports, which may be prescribed by the Board, such increased frequency shall be indicated on the Discharge Monitoring Report form.

- (d) The applicant shall retain for a minimum of 3 years all records of monitoring activities and result including all records of calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be the extent during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by the Central or State Board.

6. Reporting of Monitoring Results:

- (a) Monitoring information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring Report form duly filled in and signed, to the Board's office at the following address:

CHHATTISGARH ENVIRONMENT CONSERVATION BOARD
Paryavas Bhawan, North Block, Sector - 19,
Nava Raipur Atal Nagar, Raipur (C.G.)

- (b) Each submitted Discharge Monitoring Report shall be signed as follows:
- (i) If submitted by Corporation by a Principal Executive Officer of at least the level of Vice-President or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge described in the discharge Monitoring Report originates,
 - (ii) If submitted by a partnership firm, by a general partner.
 - (iii) If submitted by a sole proprietor, the proprietor,
 - (iv) If submitted by a Municipal, State or Central Government or other public enterprises, by a Principal Executive Officer, ranking elected official commanding officer, or other duly authorized employee.
- (c) All information submitted on the Discharge Monitoring From shall be based upon measurements and sampling carried out during the three previous calendar months. The first Discharge Monitoring Report shall be submitted for a period ending 60 days from issuance. Thereafter reporting period shall end on the last date of each month. The applicant shall submit a Discharge Monitoring Report post marked no later than 28th day of the month following each completed reporting period.
7. Limitation of Discharge of Oil Hazardous Substance in harmful quantities: The applicant shall not discharge oil in quantities defined as harmful in regulations. In addition the applicant shall not discharge hazardous substance into natural water course in quantities defined as harmful in regulations promulgated by the Board. 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 subject to clauses.
8. Limitation of visible Floating Solids and Foam: During the period beginning date of issuance and lasting until the date of expiration of this Consent the applicant shall not discharge floating solids or visible foam.
9. Disposal of Collected Solids:
- a) Intake Water Treatment: Solid Sludge's, dirt, silt or other pollutant separated from or resulting from treatment of intake or supply waters prior to use by the applicant shall be disposed off in such a manner as to prevent any pollutant from such materials from entering any such water Any live fish or other animals collected or trapped as a result of

intake water screening or treatment may be returned to water,

- b) Waste water Treatment, Solid sludge's, filter backwash or other pollutant removed from or resulting from treatment or control of waste waster shall be disposed of in such a manner as to prevent any pollutants from such materials from entering natural water.

10. Non-compliance with Effluent Limitations:

- (a) If for any reason the applicant does not comply with or will be unable to comply with or will be unable to comply with any daily maximum effluent limitations specified in this Consent the applicant shall immediately notify the Consent issuing authority or his designee by telephone No. 0771-2443934/2443923 and provide the Consent issuing Authority with the following information in writing within 5 days of such notification:

- i) Cause of non-compliance.
- ii) A description of the non-complying discharge including its impact upon the receiving water.
- iii) Anticipated time, of non compliance is expected to continue or if such condition has been corrected, the duration of non-compliance.
- iv) Steps taken by the applicant to reduce and eliminate the non-complying discharge and;
- v) Steps to be taken by the applicant to prevent recurrence of conditions of non compliance.

- (b) The applicant shall take all responsible steps to minimize any adverse impact to natural waters resulting from non-compliance with any effluent limitation specified in this Consent including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.

- (c) Nothing in this Consent shall be construed to relieve the applicant from civil or criminal penalties for non-compliance, whether or not such non-compliance is due to factors beyond his control such as equipment break down electric power failure, accident or natural disaster.

Limitation of Batch Discharge.

SPECIAL CONDITIONS

- 11. Provision for Electric Power Failure: The applicant shall either-
 - (a) No later than certify in writing to the consent issuing authority that applicant has installed or provided for an alternative electric power source sufficient to

- operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent or.
- (b) No later than 30 days after the effective date of his Consent, certify in writing to the consent issuing authority that upon the reduction, loss, or failure of one or more of the primary sources of electric power to any facilities utilized by the applicant to maintain compliance with the terms and conditions of his consent, the applicant shall halt, reduce or otherwise Control production and/or all discharges in order to maintain compliance with the terms & conditions of this Consent.
12. Prohibition of By pass of Treatment Facilities: The diversion or by-pass of any discharge from facility 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 severe property damage, or
- (ii) Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.
13. Spill Prevention and Containment Plan: Within 90 days of the effective date of the Consent the applicant shall prepare and submit to the consent issuing authority; a Spill Prevention; Containment and Countermeasure Plan for the facility covered by this Consent. Such plan shall include the following information and procedures relating to the prevention of spills and unauthorized discharges or oil and hazardous substances;
- (a) A description of a reporting system to be used to notify immediately persons responsible for management of a facility and appropriate State and Central authorities;
- (b) A description of equipment or facilities (including overall facility) for the prevention, containment of spills and unauthorized discharge;
- (c) A list of all oil and hazardous materials used processed or stored at the facility including the normal quantity maintained on the premises for each listed material;
- (d) A brief description of any spills or unauthorized discharge which occurred during the 36 months period preceding the effective date of this Consent and subsequent measures taken by the applicant or reduce the possibility of further spills or unauthorized discharges; and.

- (e) An implementation schedule for additional equipment or facilities which might be required for sub para (b) above but which are not yet operational.

SPECIAL CONDITIONS

1. The hospital management shall provide adequate facility for proper treatment of domestic / trade / laundry effluent etc. and shall ensure that the treated effluent quality meet the standards prescribed by Board published in Gazette Notification dated 25.03.88. The infectious liquid wastes and other non-infectious liquid wastes shall be collected and treated separately. Bio Medical Wastes of laboratory, washing, cleaning, housekeeping and infecting activity shall be properly disinfected by chemical treatment and sent to effluent treatment plant (ETP) / sewage treatment plant (STP). All the night soil and waste pipelines from the toilets, kitchen, pantries, and internal toilets shall be connected to the Sewage Treatment Plant. Sewage collection system of adequate capacity to convey the sewage during peak hours shall be laid to collect and convey the sewage from various buildings. Hospital management shall operate and maintain the sewage collection / conveyance system, sewage pumping system and sewage treatment system regularly to ensure the treated effluent quality within the standards prescribed by Board published in Gazette Notification dated 25.03.88. Properly treated and disinfected sewage shall be utilized in flushing the toilets, gardening purpose, make-up water in air conditioning systems etc. No treated / untreated effluent shall be discharged outside the premises under any circumstances. Zero discharge condition shall be maintained all the time. Necessary measures shall be made to mitigate the odour problems from Sewage Treatment Plant (STP). Accumulation/ stagnation of water shall avoid ensuring vector control. Appropriate arrangement shall be made for treatment and reuse of backwash water of filtration plant (if any). Hospital management shall make arrangement of suitable drains/pipe networks to ensure adequate flow for full utilization of treated effluent inside the premises. Chhattisgarh Environment Conservation Board may further stipulate stringent effluent limit depending upon environmental conditions.
2. Delay tanks, which shall store the fecal matter generated from the isolation ward, where patients are exposed to radioactive therapy (if any), shall be provided within hospital complex as per the standard prescribed by Atomic Energy Regulatory Board (AERB). The tanks shall be provided with non-corrosive double lining to protect against any damage. The time for each tank shall not be less than 48 hours. The outlet of delay tank shall be located higher than the main sewer line. After this retention time the soil shall be transferred to the STP for further biological treatment. Delay tank facility shall be fenced from all sides with lock and key, in order to restrict any entry of general public in that area.
3. Hospital management shall provide adequate measuring arrangement for the measurement of water utilized in different categories and effluent generated.
4. Hospital management shall ensure that the incinerator (if any) and hydroclave in the hospital, conform to the emission and other norms prescribed in the Bio-Medical Waste Management Rules, 2016. Hospital management shall provide shredder of adequate capacity for shredding the plastic bio-medical wastes items.

5. Three bin collecting system shall be implemented within hospital area. Two-chambered container (one for recyclable wastes and other for all organic and compostable wastes) shall be placed at appropriate distance/places on the roadside and inside the other buildings. Covered dustbins / garbage collector in convenient places to collect the municipal solid wastes shall be provided. The municipal solid wastes shall be disposed in sanitary landfill through Nagar Nigam. All municipal solid wastes shall be segregated, collected, transported, treated and disposed as per provisions of the Solid Wastes (Management) Rules, 2016. Hospital management shall also comply with plastic waste rule.
6. Hospital management shall comply all the provisions of Bio-Medical Waste Management Rules, 2016. All bio medical wastes shall be collected, handled, treated and disposed off strictly as per the Bio-Medical Waste Management Rules, 2016.
7. Hospital management shall use fly ash brick, fly ash blocks or fly ash based products in their construction/repairing activities.
8. All internal roads shall be maintained black topped / pucca. Good housekeeping practices shall be adopted by the hospital management.
9. Wide green belt of broad leaf local species shall be developed along the hospital premises. As far as possible maximum area of open spaces shall be utilized for plantation purposes in hospital premises and residential area. Development of green belt / plantation outside project premises in adjacent areas such as avenue plantation, plantation in vacant areas, social forestry, etc. shall also be ensured.
10. Rooftop rainwater harvesting shall be adopted for the buildings. Every building shall have rainwater-harvesting facilities.
11. Hospital management shall establish an environmental management cell to carryout function relating to environmental management under the supervision of senior executive who shall directly report to the head of organization.
12. Necessary fund shall be provided for implementation of the above-mentioned conditions. The funds earmarked for environmental protection measures shall be kept in separate account and not diverted for any other purpose.
13. Hospital management shall obtain all necessary statutory clearances / licenses from concerned Central / State Government Departments, Boards, Bodies and Corporations etc. Hospital management shall follow direction issued by Central/State Government, Central Pollution Control Board/Chhattisgarh Environment Conservation Board from time to time regarding control of water pollution and for environmental conservation.
14. The issuance of this "Permission to Establish" cum "Consent to Operate" does not convey any property rights in either real or personal property, or any exclusive privileges, nor does not authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local laws or regulations.
15. Any change in capacity, project profile etc. shall be intimated to the Board and prior permission of the Board shall be obtained for the same.
16. Board reserves the right to amend/cancel any of the above conditions, stringent the effluent limits stipulated above and add new conditions as and when deemed necessary in the interest of environmental protection, change in

the project profile or non-satisfactory implementation of the stipulated conditions etc.

This consent and the authorization to discharge shall expire after nine months from the date of issue of this letter. The applicant shall not discharge after the date of expiration. The applicant shall submit such information forms and fees as required by the Board not later than 04 months prior to the date of expiry.

For & on behalf of
Chhattisgarh Environment Conservation Board

sd/-
Member Secretary
Chhattisgarh Environment Conservation Board
Nava Raipur Atal Nagar, Raipur (C.G.)

Part-B

CONSENT LETTER

Sub: Grant of "Consent to establish and operate" to **M/s Fortis O.P.J.H.R.C. and O.H.C. Center** under section 21 of the Air (Prevention & Control of Pollution) Act, 1981.

Ref: Online application No. 5673995, dated: 18/08/2020 and subsequent correspondence ending dated 19/03/2021 of **M/s Fortis O.P.J.H.R.C. and O.H.C. Center** (Expiry Date - After one year from the date of issue of this letter)

1. With reference to the above application for consent is hereby granted to **M/s Fortis O.P.J.H.R.C. and O.H.C. Center** subject to fulfillment of terms and conditions annexed.
2. This consent shall be valid for a period of one year from the date of issue of this letter.

This consent is granted to **M/s Fortis O.P.J.H.R.C. and O.H.C. Center of M/s Jindal Steel and Power Limited, Post Box No. 16, Kharsia Road, Raigarh, District-Raigarh (C.G.). – 70 Operational Beds.**

Terms & Conditions: -

1. Hospital management shall provide adequate air pollution control arrangements at all point and non point sources of emission. Scrubber of adequate capacity within high efficiency shall be installed in the incinerator (if any). Hospital management shall install suitable air pollution control equipments to ensure particulate matter emission less than 50 mg/Nm³ or as prescribed in Bio-Medical Waste Management Rules, 2016 (whichever will be stringent). At no time the emission level shall go beyond the prescribed stringent/standards. Hospital management shall ensure all other air pollutants emission norms as prescribed in Bio-Medical Waste Management Rules, 2016. In the event of failure of any pollution control system adopted by the hospital management, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Chhattisgarh Environment Conservation Board may further stipulate stringent particulate matter and air pollutants emission limit depending upon environmental conditions.
2. The height of any stack(s) attached with various particulate matter / air pollutants emission units (if any) shall be maximum of the following: -
 - a. Based on $H=14(Q)^{0.3}$ (where Q is emission rate of SO₂ in Kg/Hr., and H is Stack height in meters) or;
 - b. 30 meters.Adequate arrangement of stack monitoring such as port hole, platform, easy ladder etc. shall be provided for all the stacks.
3. Adequate dust suppression measures shall be undertaken to control fugitive dust emission (if any). Regular water sprinkling for dust suppression shall be

- ensured. Ambient air quality shall not exceed the standards prescribed by Board.
4. Hospital management shall ensure that the incinerator (if any) and hydroclave in the hospital, conform to the emission and other norms prescribed in the Bio-Medical Waste Management Rules, 2016. Hospital management shall provide shredder of adequate capacity for shredding the plastic bio-medical wastes items.
 5. Three bin collecting system shall be implemented within hospital area. Two-chambered container (one for recyclable wastes and other for all organic and compostable wastes) shall be placed at appropriate distance/places on the roadside and inside the other buildings. Covered dustbins / garbage collector in convenient places to collect the municipal solid wastes shall be provided. The municipal solid wastes shall be disposed in sanitary landfill through Nagar Nigam. All municipal solid wastes shall be segregated, collected, transported, treated and disposed as per provisions of the Solid Wastes (Management) Rules, 2016. Hospital management shall also comply with plastic waste rule.
 6. Hospital management shall comply all the provisions of Bio-Medical Waste Management Rules, 2016. All bio medical wastes shall be collected, handled, treated and disposed off strictly as per the Bio-Medical Waste Management Rules, 2016.
 7. DG sets shall be provided with necessary acoustic enclosures and stack height as per norms. Use of low sulphur diesel shall be ensured.
 8. All internal roads shall be maintained black topped / pucca. Good housekeeping practices shall be adopted by the hospital management.
 9. Wide green belt of broad leaf local species shall be developed along the hospital premises. As far as possible maximum area of open spaces shall be utilized for plantation purposes in hospital premises and residential area. Development of green belt / plantation outside project premises in adjacent areas such as avenue plantation, plantation in vacant areas, social forestry, etc. shall also be ensured.
 10. Hospital management shall use fly ash brick, fly ash blocks or fly ash based products in their construction/repairing activities.
 11. Hospital management shall establish an environmental management cell to carryout function relating to environmental management under the supervision of senior executive who shall directly report to the head of organization.
 12. Necessary fund shall be provided for implementation of the above-mentioned conditions. The funds earmarked for environmental protection measures shall be kept in separate account and not diverted for any other purpose.
 13. Hospital management shall obtain all necessary statutory clearances / licenses from concerned Central / State Government Departments, Boards, Bodies and Corporations etc. Hospital management shall follow direction issued by Central/State Government, Central Pollution Control Board/Chhattisgarh Environment Conservation Board from time to time regarding control of air pollution and for environmental conservation.
 14. The issuance of this "Permission to Establish" cum "Consent to Operate" does not convey any property rights in either real or personal property, or any exclusive privileges, nor does not authorize any injury to private property or

any invasion of personal rights, nor any infringement of Central, State or Local laws or regulations.

15. Any change in capacity, project profile etc. shall be intimated to the Board and prior permission of the Board shall be obtained for the same.
16. Board reserves the right to amend/cancel any of the above conditions, stringent the emission limits stipulated above and add new conditions as and when deemed necessary in the interest of environmental protection, change in the project profile or non-satisfactory implementation of the stipulated conditions etc.

This consent is valid for the stated period and has to be renewed every year. Application with annual license fee in this regard shall reach the office 04 months before the expiry of this consent.

Please acknowledge the receipt of this letter.

For & on behalf of
Chhattisgarh Environment Conservation Board

Sd/-
Member Secretary
Chhattisgarh Environment Conservation Board
Nava Raipur Atal Nagar, Raipur (C.G.)