



TELANGANA STATE POLLUTION CONTROL BOARD
ZONAL OFFICE: HYDERABAD

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CONSENT & AUTHORIZATION ORDER – RED CATEGORY

Consent Order No. 212-RR-II/TSPCB/ZO-HYD/CFO/HCF/2023-177/ Date. 04.01.2023

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof and Operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act, 1981 and amendments thereof) and Authorization / Renewal of Authorization under Rule 6 of the Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act, 1981 (hereinafter referred to as 'the Acts') and Authorization under the provisions of HW (M & TM) Rules, 2016 (herein after referred to as 'the Acts' 'the Rules') the rules and orders made thereunder to

M/s. Malla Reddy Hospital,
Sy.No: 138, Main Road, Suraram,
Qutubullapur (M), Medchal-Malkajgiri District

(Hereinafter referred to as 'the Applicant') and the HCF is authorized to operate the HCF to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys, by operating pollution control equipment, as detailed below:

i) Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal	Limiting Standards
1.	Process & Washings	38.4 KLD	The infectious waste water shall be chemical disinfected with atleast 10% Sodium Hypochlorite. After disinfection, shall be treated in the STP and the treated water shall be used partly on land for irrigation and the balance shall be discharged into a municipal sewer, after meeting prescribed standards.	pH - 5.5 - 9.0, Suspended Solids - 100.0 mg /l, Oil & Grease - 20.0 mg /l, Biochemical Oxygen Demand (3 days at 27 ⁰ C) ≤ 10.0 mg /l, Chemical Oxygen Demand – 250 mg/l, Bio-assay test - 90% survival of fish after 96 hours in 100% effluent.
2.	Domestic	153.6 KLD	After treatment in STP, treated water shall be let into municipal sewer.	

*** As committed, the HCF shall provide additional STP of 150 KLD capacity (existing -200 KLD) within 45 days (maintaining with 20% buffer) as per National Building Code (NBC) of India designed by Bureau of Indian standards for hospital for bed strength - 500 Nos.**

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow	Emission Standards
1	Attached to DG set of capacity – 250 kVA	--	SPM – 115 mg/Nm ³

2	Attached to DG set of capacity – 500 kVA	--	
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iii) Hazardous Waste Authorization: (Form – 2) [See Rule 6(2)]:

M/s. Malla Reddy Hospital, Sy.No: 138, Main Road, Suraram, Qutubullapur (M), Medchal-Malkajgiri District is hereby granted an authorization to operate a facility for collection, reception, storage, transport and disposal of the following wastes with quantities as mentioned below:

Sl. No.	Name of the Hazardous /solid Waste	Stream	Quantity of Hazardous waste	Disposal Option
1.	Waste oil	5.1 of Schedule-I	200 LPA	Shall be sent to authorized waste oil Re-Processors / Re-Cycling units.

This order is subject to the provisions of ‘the Acts’ and the Rules’ and amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A, B, C and D enclosed to this order.

This consent is valid for operation of the Hospital with the following bed capacity 500 Nos. only.

This combined order of Consent and Authorization is valid for a period ending with the 31.03.2023.

JOINT CHIEF ENVIRONMENTAL ENGINEER

Encl: Schedules A, B, C & D.

To
M/s. Malla Reddy Hospital,
Sy.No: 138, Main Road, Suraram,
Qutubullapur (M), Medchal-Malkajgiri District.
Email Id: tulasi_312@yahoo.co.in

Copy submitted to the Member Secretary, TSPCB, Board Office, Hyderabad for information.
Copy to the Environmental Engineer, TSPCB, Regional Office, Medchal-Malkajgiri District for information and necessary action.

SCHEDULE – A

1. The applicant shall make applications through online for renewal of Consent (under Water & Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorization of the Board. The applicant can also apply for Auto Renewal of the CFO atleast 30 days before the expiry of this order as per the procedure and eligibility stipulated in the Board Circular dt.19.11.2015 & 08.12.2015 (available in Board's Website: <http://tspcb.cgg.gov.in/Pages/Circulars.aspx>).
2. **Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.**
3. **The industry may explore the possibility of tapping the solar energy for their energy requirements.**
4. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Rules, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.
5. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.
6. Any person aggrieved by the BMW authorization, may prefer an appeal as per Rule, 16 of the BMW Rules, 2016.

SCHEDULE - B

Special Conditions:

1. **As committed, the HCF shall provide additional STP of 150 KLD capacity (existing -200 KLD) within 45 days (maintaining with 20% buffer) as per National Building Code (NBC) of India designed by Bureau of Indian standards for hospital for bed strength - 500 Nos.**
2. **The HCF shall submit Bank Guarantee of Rs.5.0 lakhs within a week towards upgradation of STP, at the concerned Regional Office, TSPCB duly marking a copy to the Zonal Office, TSPCB.**
3. **The HCF shall obtain EC/CFE/CFO for the increased bed strength of 650 Nos, as applicable considering the total built up area of the proposed increase in bed strength exceeding the 20,000 sq mts.**
4. **The HCF shall treat the disinfected washing effluents in STP along with domestic effluents. After treatment in STP, the treated water shall be used partly on land for irrigation and the balance shall be discharged into a municipal sewer, after meeting prescribed standards. The HCF shall provide separate digital energy meters for the operation of the STP and shall maintain logbook.**
5. **The HCF shall operate STP continuously and shall meet the standards prescribed by the Board.**
6. **The HCF shall regularly upload the Biomedical waste details in the Board's website.**
7. The HCF (Health Care Facility) shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below as per Circular dt.21.12.2020 of TSPCB:

SI. No.	Purpose	Quantity
1	Process & Washings	45 KLD
2	Domestic	180 KLD
	Total	225 KLD

8. The HCF shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.
9. The HCF should comply with the National ambient air quality standards as per MoEF, GoI notification dated. 16.11.2009 along the premises of the factory as prescribed below.

S. No.	Parameters	Standards in $\mu\text{g}/\text{m}^3$
1	Particulate Matter (PM ₁₀)	100
2	Particulate Matter (PM _{2.5})	60
3	SO ₂	80
4	NO _x	80

Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)

Night time (10 PM to 6 AM) - 70 dB (A)

10. The HCF shall comply with all the Rules and Regulations specified in Water (P&C of P) Act, 1974, Air (P&C of P) Act, 1981, Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.
11. The HCF shall not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE/CFO of the Board.
12. All the units of the Sewage Treatment Plant (STP) shall be impervious to prevent ground water pollution. The treated waste water shall be reused or recycled to the maximum extent possible. Adequate measures shall be taken to prevent odour problem from the solid waste processing plant and STP.
13. The HCF shall provide CC camera at waste storage area and pick up points of CBMWTF vehicle.
14. The HCF shall collect the mercury spillages and organic waste separately and dispose to the CBMWTF.
15. The HCF shall comply with all the Bio Medical Waste Management Rules, 2016 and its amendments thereof.
16. The HCF shall provide proper centralized air exhaust system in all the cellar areas to avoid suffocation.
17. The HCF shall adopt the following treatment and disposal methods as described in the Bio-Medical Waste Management Rules, 2016 & its amendments thereof. (i). Chemical treatment using at least 10% Sodium Hypochlorite having 30% residual chlorine for twenty minutes or any other equivalent chemical reagent that should demonstrate Log₁₀4 reduction efficiency for microorganisms as given in Schedule- III. (ii). Mutilation or shredding must be to an extent to prevent unauthorized reuse.
18. The HCF shall properly collect, segregate and dispose the bio medical waste as per the provisions Bio Medical Waste Management Rules, 2016 and its amendments thereof.
19. The industry shall dispose the Bio Medical waste to CBMWTF i.e., "M/s. G.J Multiclave (INDIA) Pvt. Ltd.," for further treatment and disposal.
20. The HCF shall have valid authorization of the Board under Bio Medical Waste Management Rules, 2016 and its amendments thereof.
21. Any other directions / circulars / notices issued by CPCB, MoEF&CC and TSPCB shall be followed from time to time.
22. The HCF shall submit an annual report to the prescribed authority (TSPCB) in Form - IV, on or before the 30th June of every year for the period from January to December of the preceding year.
23. It is the responsibility of the occupier of the HCF that the only segregated biomedical waste as per the Schedule - I of the BMW Management Rules, 2016 shall be handed over to common bio-medical waste treatment facility for treatment, processing and final disposal.

24. It shall be ensured that no untreated bio-medical waste shall be mixed with other wastes.
25. The bio-medical waste shall be segregated into containers or bags at the point of generation in accordance with Schedule I of the BMW Management waste treatment Rules, 2016 prior to its storage, transportation, treatment and disposal.
26. The containers or bags referred to in sub-rule [2] shall be labeled as specified in Schedule IV of the BMW Management Rules, 2016 & its amendments thereof. The bar coding and global positioning system shall be added by the Occupier and Common bio-Medical Waste treatment facility in one year time.
27. The HCF shall not discharge any waste water outside the premises.
28. The HCF shall provide acoustic enclosure / silencers to the D. G. Set to control noise pollution.
29. The HCF shall develop thick green belt all along the boundary of the unit and also in the vacant places with all tall growing trees with wide leaf area.
30. There shall not be any odour nuisance in the surroundings of the HCF.
31. The Mercury spillage / losses due to breakage of Thermometers, pressure and other measuring equipment in Health Care Facilities shall be collected, stored and send back to the manufacturers.
32. The occupier of HCF shall take all necessary measures to ensure that the spilled mercury does not become part of Bio-Medical or other solid waste generated from the HCF.
33. This Order is issued to the HCF without prejudice to the action taken by the Task Force of the Board.
34. The conditions stipulated in this order are without any prejudice to the rights and conditions of this Board in any Hon'ble Court of Law.

SCHEDULE - C
(See Rule 6(2))

(Conditions of Authorization for occupier or operator handling hazardous wastes)

1. The HCF shall give top priority for waste minimization and cleaner production practices.
2. The HCF shall not store hazardous waste for more than 180 days as per the Hazardous & other wastes (Management and Transboundary Movement) Rules, 2016 and its amendment thereof.
3. The HCF shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal.
4. The HCF shall not dispose Waste oils to the traders and the same shall be disposed to the authorized Reprocessors / Recyclers.
5. The HCF shall dispose Used Lead Acid Batteries to the manufacturers / dealers on buyback basis.
6. The HCF shall take necessary practical steps for prevention of oil spillages and carry over of oil from the premises.
7. The HCF shall maintain good housekeeping & maintain proper records for Hazardous Wastes stated in Authorisation.
8. The HCF shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.
9. The HCF shall dispose the e-waste to authorized recyclers / dismantlers only.

JOINT CHIEF ENVIRONMENTAL ENGINEER

To
M/s. Malla Reddy Hospital,
Sy.No: 138, Main Road, Suraram,
Qutubullapur (M), Medchal-Malkajgiri District.



