



**ANDHRA PRADESH POLLUTION CONTROL BOARD
ZONAL OFFICE :: VIJAYAWADA**

Plot No.41, Opp: SBI, Sri Kanakadurga Officers' Colony, Gurunank Road, Vijayawada.
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CONSENT, AUTHORIZATION & BMWA ORDER

Consent. No: Kr-709/APPCB/ZO-VJA/CTO/W&A/2023-

Date: 23.03.2023

CONSENT is hereby granted to Operate 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 and amendments thereof, Authorisation under Rule 6 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and Authorization under Rule 10 of Bio Medical Waste Management Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

**M/s. Hyderabad Eye Institute
(Operating Trust of L.V. Prasad Eye Institute),
Kode Venkatadri Chowdary Campus,
Tadigadapa, Vijayawada,
NTR District
Email: dranasuaganguly@lvpei.org
kvc-appointment@lvpei.org**

(Hereinafter referred to as 'the Applicant') authorizing to operate the HCF to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys as detailed below:

1) Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Washings & Domestic	8.0 KLD	After treatment in the ETP, the treated waste water shall be utilized for gardening within the premises and the excess shall only be discharged into sewer duly meeting the standards stipulated, with the concerned authority permission.

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow (m ³ /hr)
1.	Stack attached to 1 x 320 KVA DG set	---

iii) HAZARDOUS WASTE AUTHORISATION (FORM – 2) [See Rule 6 (2)]:

M/s. Hyderabad Eye Institute (Operating trust of L.V. Prasad Eye Institute) is hereby granted an authorization for generation, storage, transport and disposal of Hazardous Wastes namely:

• HAZARDOUS WASTES WITH RECYCLING OPTION:

Sl. No	Name of Hazardous Waste	Category of Hazardous waste as per the schedules I, II and III of these rules	Quantity	Authorized mode of disposal or recycling or utilization or co-processing, etc. Signature valid
1.	ETP sludge	Hazardous	---	The HCF shall send ETP sludge to Common Bio Medical Waste Treatment Facility (CBMWF) for incineration or to Hazardous Digitally Signed Date: 23-Mar-2023 12:04:44

				waste Treatment Storage and Disposal Facility (TSDF).
2.	Used oil	5.1 of Schedule – I	20 LPA	The generated waste oil / used oil shall be sent to authorized Re-processors / Recyclers / Cement industries for co-processing through M/s. Andhra Pradesh Environment Management Corporation Limited (APEMCL).

iv) BIO MEDICAL WASTE AUTHORIZATION (FORM – III) (See Rule 10)

(Authorization for operating a facility for generation, collection, reception, treatment, storage, transport and disposal of Bio Medical wastes).

M/s. Hyderabad Eye Institute (Operating trust of L.V. Prasad Eye Institute), Kode Venkatadri Chowdary Campus, Tadigadapa, Vijayawada, Krishna District is hereby granted an authorization to generate, segregate & handle BMW as per the capacity given below:

- i. **Number of beds of HCF: 40 Nos.**
- ii. Quantity of Bio Medical Waste handled, treated or disposed:

Type of Waste Category based on the type of waste	Quantity permitted for Handling
Yellow	25.0 kgs/month
Red	4 - 9.0 kgs/month
White (Translucent)	15.0 kgs/month
Blue	--

This Authorization is subject to the conditions stated below and to such other conditions as may be specified in the Rules in force under the Environment (Protection) Act, 1986.

This order is subject to the provisions of 'the Acts' and the Rules' and orders made there under and further subject to the terms and conditions incorporated in the schedule - A, B, C & D enclosed to this order.

This Combined order of Consent, Hazardous Waste Authorization & Bio Medical Waste authorization shall be valid for a period ending with 28.02.2033.

JOINT CHIEF ENVIRONMENTAL ENGINEER

To

**M/s. Hyderabad Eye Institute
(Operating Trust of L.V. Prasad Eye Institute),
Kode Venkatadri Chowdary Campus,
Tadigadapa, Vijayawada,
NTR District
Email: dranasuaganguly@lvpei.org
kvc-appointment@lvpei.org**

Copy to the Environmental Engineer, Regional Office, Vijayawada for information and with a direction to ensure the compliance of the time bound conditions and send a report so as to place the hospital before External Advisory Committee (EAC) for review, if necessary, action, as per the instructions of the Board Office Dt. 21.06.2016 in case of non-compliances.

Signature valid


Digitally signed by **Dr. N. S. Ganguly**
Date: 23-Mar-2023 12:04:14

SCHEDULE – A

1. Any up-set condition in any industrial plant / activity of the HCF, which result in, increased effluent / emission discharge and / or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.
2. The HCF should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.
3. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.
4. The HCF shall display online data outside the main gate on quantity and nature of hazardous chemicals being used in the HCF, water & air emissions and solid waste generated within the HCF premises, as per Hon'ble Supreme Court order.
5. The HCF should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the bed strength, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CTO and exhibit the CTO order at a prominent place in the HCF premises.
6. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
7. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E (P) Rules, 1986 & amendments thereof.
8. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM and BMW Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CTO conditions for obtaining Consent, BMW & HW Authorization of the Board.
9. The HCF should immediately submit the revised application for consent to this Board in the event of any change in the beds used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.
10. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21/22 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, before the concerned authority.

SCHEDULE – B

1. The HCF shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below :

S.No.	Description	Quantity
1	Domestic & Hospital services	10.0 KLD
Total :		10.0 KLD

Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above.

2. **The HCF shall continuously operate the ETP to meet the standards stipulated. The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below.**

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Outlet	Parameter	Limiting Standards
1	pH	6.5-9.0
	Total Suspended Solids (TSS at 103 – 105 °C)	100 mg/l
	Total Dissolved Solids (TDS)	2100 mg/l
	Chemical Oxygen Demand (COD)	250 mg/l
	Biochemical Oxygen Demand (BOD ₃ at 27 °C)	30 mg/l
	Oil and Grease	10 mg/l
	Bio Assay Test	90% survival of fish after 96 hours in 100% effluent.

3. The HCF shall comply with ambient air quality standards of **SO₂ – 80 µg/m³; NO_x – 80 µg/m³; PM_{2.5} - 60 µg/m³; PM₁₀ - 100 µg/m³**, measured at factory premises at the periphery of the industry.
 * For other parameters, the HCF shall comply with the National Ambient Air Quality Standards as per CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 if applicable.
 * The HCF shall comply with noise standards as per MoEF Notification SO123 (E) dt.14.02.2020 as following:
 Noise Levels: Day time: (6 AM to 10 PM) – 50 dB(A)
 Night time: (10 PM to 6 AM) – 45 dB(A)
4. The HCF shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 and G.S.R. 448 (E), dated 12.07.2004 under the Environment (Protection) Act Rules.
5. The HCF shall ensure that no odour nuisance is caused to the surrounding environment.
6. Thick green belt shall be maintained along the boundary of the HCF and at all possible vacant areas.
7. The Mercury spillage/losses due to breakage of Thermometers, pressure and other measuring equipment in HCFs shall be collected, stored and sent back to the manufacturers.
8. 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.
9. 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.
10. 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 environment protection.
11. The HCF shall submit a compliance report on CTO conditions for every 6 months as on 01st January and 01st July of every year at Regional Office and Zonal Office.

SCHEDULE – C [See Rule 6 (2)]

[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]

1. All the rules and regulations notified by Ministry of Environment and Forests, Government of India under the E (P) Act, 1986 in respect of management, handling, transportation and storage of the Hazardous wastes should be followed.
2. The HCF shall not store hazardous waste for more than 180 days at any one time.

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RAO

Date: 23 Apr 2023 Time: 04:14

3. The HCF shall store Used / Waste Oil in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.
4. The HCF shall maintain 6 copy manifest system for transportation of waste generated and a copy shall be submitted to concern Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.
5. The HCF shall maintain proper records for Hazardous Wastes stated in Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 20(2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
6. The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
7. The authorization or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
8. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
9. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorization.
10. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.
11. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
12. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.
13. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
14. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
15. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

SCHEDULE – D (See Rule 10)

[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING BIO MEDICAL WASTES]

1. The person authorized shall comply with the provisions of the Environment (Protection) Act, 1986 and the Rules made there under.
2. **The HCF shall comply with Bio-Medical Waste Management Rules, 2016 & Amendments thereof and Guidelines for Management of Health Care waste issued by CPCB under the said rules.**
3. The authorization or its renewal shall be produced for inspection at the request of an Officer authorized by the prescribed authority.
4. The person authorized shall not rent, lend, sell, transfer or otherwise transport the Bio Medical Wastes without obtaining prior permission of the prescribed authority.

Signature valid

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Date: 23-Mar-2023 12:04:14

5. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
6. It is the duty of the authorized person to take prior permission of the prescribed authority to close down the facility and such other terms and conditions as may be stipulated by the prescribed authority.
7. The HCF shall properly collect, segregate and dispose the bio medical waste as per the provisions of Bio-Medical Waste Management Rules, 2016. The Bio-Medical Waste shall not be mixed with other wastes.
8. All syringes and needles should be mutilated before discarding. Mutilation / shredding must be such as to prevent unauthorized reuse.
9. No untreated Bio-Medical Waste shall be kept stored beyond a period of 48 hours.
10. The HCF shall dispose Bio Medical waste for treatment after disinfection and segregation to **M/s. Safenviron (Unit-II), Dharmavarapupadu Thanda(V), Jaggaiahpet (M), NTR District** as per the procedure prescribed for the occupier under Bio Medical Waste Management Rules, 2016.
11. The HCF should provide adequate fire protection equipment (such as smoke detectors, fire extinguishers, sand bucket, fire alarm, water sprinklers etc.,) at salient places within the HCFs even at Bio Medical Waste storage area, in accordance with fire safety regulations and the HCF should obtain certificate from fire department.
12. The person authorized shall comply with all the duties as mentioned at Rule 4 of the Bio Medical Waste Management Rules, 2016.
13. The HCF shall not use chlorinated bags for collection of Bio Medical Waste as per Bio Medical Wastes Management Rules, 2016 and its subsequent amendment.
14. The HCF shall use bar coding system during the handling of Bio Medical Waste as per Bio Medical Wastes Management Rules, 2016 and its subsequent amendment.

JOINT CHIEF ENVIRONMENTAL ENGINEER

Signature valid

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