

Solid waste management

Liquid waste management

Biomedical waste management

E-waste management

Hazardous chemicals and radioactive waste
management

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
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Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I

No:- Format1.0/CAC/UAN No.0000115356/CR - 2112001494

Date: 27/12/2021

To,
Mahatma Gandhi Mission Medical College Hospital,
Sec-1, Plot no. 1 & 2, Kamothe,
Panvel, Dist:Raigad.



Your Service is Our Duty

Sub: Renewal of Combined Consent and BMW Authorization under Red category

- Ref:**
1. Combine Consent and Bio-Medical Authorization granted by the Board vide no.BO/UAN No.17576/CAC-1907000816 Dated 22.07.2019 valid up to 30.06.2021
 2. Amendment in consent granted by the Board vide no. BO/UAN No.17576/CAC-1907000816/Amend-0892 Dated 26.09.2019
 3. Your application for Combine Consent and Bio-Medical Authorization dated 08.06.2021
 4. The minutes of Consent Appraisal Committee meeting dated 13.10.2021 & 29.10.2021

Combined Consent to Renewal and BMW Authorization.

For: Under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 and Bio-Medical Waste Management Rules, 2016 and amendment thereof is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The Combined Consent to Renewal and BMW authorization is granted upto: 30.06.2026**

2. **The capital investment of the project is Rs.62.5133 Crs. (As per C.A Certificate submitted by industry Existing-Rs.59.17 Crs + Increase in C.I. - Rs. 3.35 Crs).**
3. **The Consent is valid for the Activity of**

Sr No	Activity	Quantity	UOM
1)	Hospital		
a)	Beds	810	Nos
b)	Total Plot Area	80000.00	Sq.Mtrs
c)	Total Built up Area	32932.00	Sq.Mtrs



4. Conditions under Water (P&CP) Act, 1974 for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to Achieve	Disposal
1.	Trade effluent	5	As per Schedule -I	Treated effluent shall be recycled up to maximum extent and remaining shall be used on land for gardening / disposed in to sewerage system provided by Local body.
2.	Domestic effluent	400	As per Schedule - I	As above

5. Conditions under the Air (P& CP) Act, 1981 for air emissions:

Sr.No	Description of stack / source	Number of Stack	Standards to be achieved
1	DG Set [500 KVA X 3 Nos]	3	As per Schedule -II

6. Conditions under Hazardous & Other Wastes (M & T M) Rules 2008 for treatment and disposal of hazardous waste:

Sr No	Type of Waste	HW Category.	Quantity	UoM	Treatment	Disposal
1		NA	0	--NA--	NA	NA

7. Conditions about Non Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Wet Garbage	50	Kg/Day	composting	Used as a manure
2	Dry Garbage	360	Kg/Day	Sale/ Composting	Reuse / Used as a manure
3	STP Sludge	25	Kg/Day	Compost	Used as a manure

8. Treatment and Disposal of Biomedical Waste generated to CBMWTSDf:

Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Human Anatomical waste	200.00	Yellow colored non- chlorinated plastic bags	CBMWTSDf
		b) Animal Anatomical Waste	250.00		
		c) Soiled Waste	600.00		
		d) Expired or Discarded Medicines	15.00		
		e) Chemical Waste	200.00		
		f) Chemical Liquid Waste	50.00		
		g) Discarded linen, mattresses, beddings contaminated with blood or body fluid.	800.00		
		h) Microbiology Biotechnology and other clinical laboratory waste	300.00		
2	Red	Contaminated waste (Recyclable)	2183.00	Red colored non chlorinated plastic bags or containers	CBMWTSDf



Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
3	White (Translucent)	Waste sharps including Metals	135.00	Puncture proof, Leak proof, tamper proof container	CBMWTSDF
4	Blue	a) Glassware	330.00	Puncture proof & leak proof boxes or containers with blue colored marking.	CBMWTSDF
		b) Metallic body implants	50.00		

9. PP shall comply the following guidelines published by the CPCB on February-2019 regarding handling of BMW for utilization

1. HCE shall preferably handover Bio-medical wastes such as pleural fluid, ascetic fluid, HBsAG positive blood, placenta etc. to the Pharmaceutical industry / Biotechnology firms for production of drugs, reagent chemicals, markers etc. if any such as Pharmaceutical industry / Biotechnology firm approaches them for the same. If there are any difficulties in the matter, the same may be communicated to such firm and copied to the board also.
2. HCE shall strictly follow the procedure for packaging & transportation of Bio-medical Wastes such as pleural fluid, ascetic fluid, HBsAG positive blood, placenta etc. to the Pharmaceutical industry / Biotechnology firms as per the guidelines of CPCB published in Feb-2019 for "Handling of BMW for utilization".
3. HCEs shall submit the report to the Board office about type, quantity and frequency of handling over such BMW on yearly basis.
4. Industry to enter into legal agreement with HCE's and inform the MPC Board and competent authority of State Public Health Department about such collection of BMW along with quantity and type of waste collected.
5. In case of any technical difficulty towards handing over the required BMW, you shall inform to the Board accordingly.
6. HCEs shall properly dispose and handover the waste to authorised user / facilities having valid consent to operate from MPCB.

10. This consent is issued subject to conditions mentioned below:

- a. The "authorized Person" shall comply with provisions of the Environment (Protection) Act, 1986, and the Rules made there under.
- b. Any unauthorized change in equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of this Authorization.
- c. You shall submit details of Management and Handling of outdated, discarded, unused Cytotoxic drugs generated in the Cancer centers, research and health care in the format prescribed by CPCB which is available on www.cpcb.nic.in alongwith Annual Report to MPCB with a copy to CPCB before 31st January every year.
- d. You shall manage the Mercury Waste in the HCE in environmentally sound manner (including storage, spilled collection, transportation and disposal) as per CPCB guidelines published on CPCB website www.cpcb.nic.in dated: 07.09.2010 as detailed in document entitled "Environmentally Sound Management of Mercury Waste in Health Care Facilities"?



- e. You shall ensure phase out of chlorinated plastic bags, gloves and blood bags by HCEs within two years.
 - f. You shall establish Bar code system within one year.
 - g. You shall ensure that the liquid waste is treated and disposed by all the occupier or operator of a CBWTF in accordance with the Water Act, 1974;
 - h. You shall maintain day to day basis and display the monthly record Including Annual report on its website within two years from the date of Notification.
 - i. You shall submit separate Bank Guarantees towards compliance of condition mentioned at Annexure - IV to Regional Office, within 30 days.
 - j. You shall submit compliance of Bank Guarantee conditions every six months to Regional Officer, for verification purpose.
 - k. You shall submit application for renewal of Combined Consent and Biomedical Waste authorization before 120 days along with appropriate fees.
11. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
 12. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
 13. PP shall install primary Effluent Treatment Plant (ETP) within 6 months.
 14. PP shall submit/extend existing BGs as per BG regime for Healthcare establishment.
 15. PP shall comply with CPCB guidelines for handling, Treatment and disposal of waste generated during treatment, diagnosis/ quarantine of COVID-19 Patient

For and on behalf of the
Maharashtra Pollution Control
Board.



Ashok Shingare
(Ashok Shingare IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	500000.00	MPCB-DR-6263	08/06/2021	RTGS
2	15000.00	TXN2112001603	15/12/2021	Online Payment
3	75000.00	MPCB-DR-6266	10/06/2021	NEFT

Copy to:

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Raigad I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have proposed primary ETP of 5.0 CMD capacity
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

Sr.No	Parameters	Standards
	I. Compulsory Parameters	Limiting Concentration in mg/l, except for pH
(1)	pH	5.5 to 8.5
(2)	Oil & Grease	10 mg/l
(3)	BOD (3 days 27°C)	30 mg/l
(4)	Total Suspended Solids	100
(5)	COD	250 mg/l

C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise and remaining shall be disposed in sewerage system provided by local body. In no case, sewage shall find its way outside hospital premises.

2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 400 CMD for the treatment of 400 CMD of sewage.
- B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

1	BOD	Not to exceed	30
2	COD	Not to exceed	100
3	Suspended Solids	Not to exceed	50

C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise and remaining shall be disposed in sewerage system provided by local body. In no case, sewage shall find its way outside hospital premises.

3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.



5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	500.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	5.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S% SO ₂
S-1, S-2 & S-3	DG Set [500 KVA X 3 Nos]	Acoustic encloser and Stack	8 Each	HSD	108 Ltr/Hr	1.00 51.84

2. The applicant shall provide stack height of mtrs operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Total Particulate matter	Not to exceed	150 mg/Nm ³
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3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. Conditions for D.G. Set
- a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.



- b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
- f) D.G. Set shall be operated only in case of power failure.
- g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
- h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
NA						

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.
Existing BG obtained for above purpose if any may be extended for period of validity as above.

Statement of conditions to be complied and Bank Guarantee imposed to ensure timely compliance to be observed by:

Sr.No	Activity / Condition to be Complied	Compliance Timeline(Months)	Bank Guarantee Amount
1A	Operation and Maintenance		
1	To Segregate and Handle BMW as per Rule	Continuous	100000
2	Towards Operation and Maintenance of STP/ETP to achieve prescribed discharge standards	Continuous	100000
1B	Records		
1	To Maintain records of BMW and submission of Annual Report in Form -II before 31st January	Continuous	50000
2	To maintain records of BMW material delivered to CBMWTSDF	Continuous	25000



Sr.No	Activity / Condition to be Complied	Compliance Timeline(Months)	Bank Guarantee Amount
2	Performance		
1	To provide BMW separate storage facility as per guidelines of CPCB	Continuous	75000

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

General Conditions:

1. You shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
2. You should monitor effluent quality, stack emissions, noise and ambient air quality quarterly
3. You shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
4. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
5. You shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
6. You shall submit, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 to Regional Office, , the 30th day of September every year.



7. You shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW (MH&TM) Rules 2008, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
8. You shall comply with the Hazardous Waste (M, H & TM) Rules, 2008 and submit the Annual Returns to RO- as per Rule 5(6) & 22(2) of Hazardous Waste (M, H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
9. An inspection book shall be opened and made available to the Board's officers during their visit to the HCE.
10. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
11. You shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent & authorization condition towards Environment Protection.
12. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
13. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the HCE.
14. You shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
15. You should not cause any nuisance in surrounding area.
16. You shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
17. You shall maintain good housekeeping.
18. You shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement to Regional Office by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
19. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
20. You shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. You will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
21. You shall submit Six Monthly statement in respect of obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).



22. You shall submit official e-mail address and any change will be duly informed to the MPCB, forthwith.
23. You shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended
24. You shall observe provisions of E-waste (Management and Handling) Rules 2011 and Battery Waste (Management and Handling) Rules 2001, as amended.

For and on behalf of the
Maharashtra Pollution Control
Board.



Ashok Shingare
(Ashok Shingare IAS),
Member Secretary

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010437/24020781/24014701

Fax: 24024068 /24023515

Website: <http://mpcb.gov.in>

E-mail : cac-cell@mpcb.gov.in



Kalpataru Point, 2nd - 4th Floor,

Opp. Cine Planet Cinema,

Near Sion Circle, Sion (E)

Mumbai - 400 022

Red/LSI

Consent No: Format 1.0/BO/UAN No.62150 /CAC - 1906001274

Date: 25/6/2019.

To,

M/s MGM's Medical College and Hospital,

N-6, CIDCO Aurangabad-432003.

Sub : Combined Consent to operate and BMW Authorization under RED Category to Health Care Establishment (HCE's).

Ref : 1. Consent granted by the Board vide no. BO/CAC-Cell/CCA-9767 Dated 12.08.2016 valid up to 31.12.2018.

2. Your application for combine consent to operate and BMW Authorization dated 07.12.2018.

3. The minutes of Consent Appraisal Committee meeting dated 02.05.2019.

Combined Consent to Establish and BMW Authorization.

under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981, Authorization under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2016 and Biomedical Waste Management Rules 2016 and amendment in Rules 2018 is considered and the consent is hereby granted subject to following terms and conditions and as detailed in the schedule I, II, III, IV & V annexed to this order:

1. The conditional combined consent to operate and BMW authorization is granted for period up to 31.12.2023.

2. The capital investment of the HCE is Rs.154.96 Crs. (As per C. A. Certificate submitted)

3. The Consent is valid for the Activity of -

Sr. No.	Activity	
1	Hospital	
a)	Beds	700 Nos.
b)	Total Plot Area	20,000 Sq. Mtrs
c)	Total Built up Area	16,787 Sq. Mtrs

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1	Trade effluent	22.0	As per Schedule -I	The treated trade effluent shall be recycled for secondary purpose such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be used for gardening /connected to the sewerage system provided by local body.
2	Domestic effluent	540.0	As per Schedule -I	

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1	D.G.Set [600 KVA]	1	As per Schedule-II
2	D.G.Set [600 KVA]	1	
3	D.G.Set [750 KVA]	1	

6. Conditions under Hazardous Wastes (Management, Handling Transboundary and Other Waste) Rule 2016 for treatment and disposal of Hazardous Waste:

Sr. No.	Type of Waste	Quantity	UOM	Treatment	Disposal
1	35.3 Chemical sludge from ETP	As actual	Nil	--	At CHWTSDF

7. Non-Hazardous Solid Wastes:

Sr. No.	Type of Waste	Quantity	UOM	Treatment	Disposal
1	Wet Garbage	As actual	Kg/Day	OWC	Manure
2	Dry Garbage	As actual	Kg/Day	---	Recycle or hand over to local body
3	STP Sludge	As actual	Kg/Day	---	Manure

8. The authorization is granted for generation and disposal of Bio-Medical Waste (BMW) to CBMWTSDF in waste categories and quantities listed here in below:

Sr. No.	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Human Anatomical waste	90.0	Yellow colored non-chlorinated plastic bags	No onsite treatment of BMW is permitted. The above-mentioned Bio medical Waste shall be sent to Common BMW Treatment & Disposal facility authorized by MPCB.
		b) Animal Anatomical Waste	---		
		c) Soiled Waste	250.0		
		d) Expired or Discarded Medicines	2.0		
		e) Chemical Waste	---		
		f) Chemical Liquid Waste	---	Separate collection system leading to effluent treatment system	
		g) Discarded linen, mattresses, beddings contaminated with blood or body fluid.	9.0	Yellow colored non-chlorinated plastic bags or suitable packing material	
		h) Microbiology Biotechnology and other clinical laboratory waste	5.0	Autoclave safe plastic bags or containers	

2	Red	Contaminated waste (Recyclable)	300	Red colored non chlorinated plastic bags or containers	No onsite treatment of BMW is permitted. The above-mentioned Bio medical Waste shall be sent to Common BMW Treatment & Disposal facility authorized by MPCB.
3	White (Translucent)	Waste sharps including Metals	135	Puncture proof, Leak proof, tamper proof container	
4	Blue	a) Glassware b) Metallic body implants	31 ---	Puncture proof & leak proof boxes or containers with blue colored marking.	

9. If Built up area exceeds more than 20,000 sq. meters and if hospital is commissioned after 14.09.2006, the project proponent shall comply EIA Notification 2006 as Amended.

10. This consent is issued subject to conditions mentioned below,

- a. The "authorized Person" shall comply with provisions of the Environment (Protection) Act, 1986, and the Rules made there under.
- b. Any unauthorized change in equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of this Authorization.
- c. If the built-up area exceeds more than 20,000 sq. Mtrs. and if the hospital is commissioned after 14.09.2006, the project proponent shall comply EIA Notification 14.09.2006 by obtaining Environment Clearance.
- d. You shall submit details of Management and Handling of outdated, discarded, unused **Cytotoxic drugs** generated in the Cancer centers, research and health care in the format prescribed by CPCB which is available on www.cpcb.nic.in along with Annual Report to MPCB with a copy to CPCB before 31st January every year.
- e. You shall manage the **Mercury Waste** in the HCE in environmentally sound manner (including storage, spilled collection, transportation and disposal) as per CPCB guidelines published on CPCB website www.cpcb.nic.in dated: 07.09.2010 as detailed in document entitled "Environmentally Sound Management of Mercury Waste in Health Care Facilities".
- f. You shall ensure phase out of chlorinated plastic bags, gloves and blood bags by HCEs within two years;
- g. You shall establish Bar code system within one year

- h. You shall ensure that the liquid waste is treated and disposed by all the occupier or operator of a CBWTF in accordance with the Water Act, 1974;
- i. You shall maintain day to day basis and display the monthly record Including Annual report on its website within two years from the date of Notification.
- j. You shall submit separate Bank Guarantees towards compliance of condition mentioned at Annexure – IV to Regional Office, within 30 days.
- k. You shall submit compliance of Bank Guarantee conditions every six months to Regional Officer, for verification purpose.
- l. You shall submit application for renewal of Combined Consent and Biomedical Waste authorization before 120 days along with appropriate fees.
11. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
12. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
13. Project Proponent shall not take effective steps towards establishment prior to obtaining Environmental Clearance As per EIA Notification 2006 and amendment thereto. As per para 2 of EIA Notification dated 14.09.2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MOEF & CC vide office memorandum no.J-1103/41/2006-IA,II (I), Dated 19.08.2010, fencing of the site to protect it from getting encroached and construction of temporary shed (S) for the guard(S) & acquisition of land may not be treated as an effective steps.

For and on behalf of the
Maharashtra Pollution Control Board

(E. Ravendiran, IAS)
Member Secretary

Received Consent fee of –

Sr. No.	Amount (Rs.)	D.R. No.	Date	Bank
1	15,49,623	TXN 1812001366	12.12.2018	E- Payment
2	75,000/-	TXN 1812002590	24.12.2018	E- Payment
3	1,00,000/-	TXN 1901000998	09.01.2019	E- Payment
4	1,24,817/-	TXN 19060000847	11.06.2019	E- Payment

Copy to:

1. Regional Officer – MPCB, Aurangabad and Sub –Regional Officer – Aurangabad -1, MPCB – They are directed to ensure the compliance of the CCA conditions.
2. Chief Accounts Officer, MPCB, Mumbai- for information.
3. CAC/CC desk - for record & website updation purposes.

Schedule-I

I) Terms & Conditions for compliance of Water Pollution Control

- 1) A] As per your application you have provided Effluent treatment plant (ETP) of capacity 30 CMD for the treatment of trade effluent generated from the hospital activity.
- B] The applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	Parameters	Discharge Standards applicable
		Limiting Concentration in mg/l, except for pH
01	pH	6.5-9.0
02	Total Suspended Solids	100
03	Oil & Grease	10
04	BOD (3 days 27°C)	30
05	COD	250
06	Detergent	2.0
07	Bio-Assay test	90 % survival of fish after 96 hours in 100 % effluent

- C] The treated effluent shall be recycled for secondary purpose such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be used for gardening /connected to the sewerage system provided by local body. In no case, effluent shall find its way to any water body directly / indirectly at any time. Project proponent shall provide flow meter to ensure 60% recycling of treated sewage and shall maintain the records with data logging system.
- 2) A] As per your application you have provided sewage treatment plant (STP) of design capacity of 600 CMD for treatment of domestic sewage generated from the hospital and thereafter the treated effluent shall be discharged followed by Chlorination and the treated effluent shall be disposal to Municipal Sewer / Land application after achieving standard prescribed below:

- B] The applicant shall operate the sewage treatment plant (STP) to treat the domestic effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	Parameters	Discharge Standards applicable
		Limiting Concentration in mg/l, except for pH
01	pH	6.5-9.0
02	Total Suspended Solids	50
03	Oil & Grease	10
04	BOD (3 days 27°C)	30
05	COD	100
06	Bio-Assay test	90 % survival of fish after 96 hours in 100 % effluent

- C] The treated effluent shall be recycled for secondary purpose such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body. In no case, effluent shall find its way to any water body directly / indirectly at any time. Project proponent shall provide flow meter to ensure 60% recycling of treated sewage and shall maintain the records with data logging system.

- 3) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waste water & the system for the disposal of effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps for expansion / modify or establish any modification to treatment and disposal system or an extension or addition thereto.
- 4) You shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 5) You shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

Water Consumption details:

Sr. No.	Purpose for water consumed	Water Consumption quantity CMD
1.	Industrial Cooling and boiler feed etc.,	---
2.	Domestic purpose	670.0
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	27.0
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	--
5	Other such as agriculture, gardening, etc.	--

Schedule-II

Terms & conditions for compliance of Air Pollution Control

1. As per your application, you have proposed / provided the Air pollution control (APC) system and also proposed to erect/erected following stack (s) to observe the following fuel pattern-

Sr. No.	Stack Attached to	Height in meter	Type of Fuel	Fuel Qty	SO ₂ In Kg/Day
1	D.G.Set [600 KVA]	4.5	HSD	130 Kg/hrs	62.4
2	D.G.Set [600 KVA]	4.5	HSD	130 Kg/hrs	62.4
3	D.G.Set [750 KVA]	4.5	HSD	132 Kg/hrs	63.36

2. The applicant shall provide stack height of mtrs operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm ³
--------------------	---------------	------------------------

3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



5. Conditions for D.G. Set

- a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- c. Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- d. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- e. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
- f. D.G. Set shall be operated only in case of power failure.
- g. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
- h. The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.

Schedule-IV: Bank Guarantees

Statement of conditions to be complied and Bank Guarantee imposed to ensure timely compliance to be observed by

Sr. No.	Activity / Condition to be Complied	Compliance Timeline (Months)	Bank Guarantee Amount
I (A)	Operation and Maintenance		
1	To Segregate and Handle BMW as per Rule	Continuous	Rs. 1,00,000/-
2	To provide STP adequate capacity within 3 months and Towards Operation and Maintenance of STP/ETP to achieve prescribed discharge standards	Continuous	Rs. 1,00,000/-
I (B)	Records		
1	To Maintain records of BMW and submission of Annual Report in Form -II before 31 st January	Continuous	Rs. 25,000/-
2	To maintain records of BMW material delivered to CBMWTSDF	Continuous	Rs. 25,000/-
II	Performance		
1	To provide BMW separate storage facility as per guidelines of CPCB	Continuous	Rs. 75,000/-

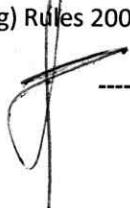
Note: You shall submit the B.G. valid for additional 4 month period after the validity of your granted CCA.

Schedule-V
General Conditions

The following general conditions shall apply as per the type of the industry

- 1) You shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) You should monitor effluent quality, stack emissions, noise and ambient air quality quarterly.
- 3) You shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 4) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 5) You shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 6) You shall submit, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 to Regional Office, , the 30th day of September every year.
- 7) You shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW (MH&TM) Rules 2008, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 8) You shall comply with the Hazardous Waste (M, H & TM) Rules, 2008 and submit the Annual Returns to RO- as per Rule 5(6) & 22(2) of Hazardous Waste (M, H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 9) An inspection book shall be opened and made available to the Board's officers during their visit to the HCE.
- 10) You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
- 11) You shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent & authorization condition towards Environment Protection.
- 12) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.

- 13) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the HCE.
- 14) You shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 15) You should not cause any nuisance in surrounding area.
- 16) You shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 17) You shall maintain good housekeeping.
- 18) You shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement to Regional Office by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
- 19) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 20) You shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. You will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 21) You shall submit Six Monthly statement in respect of obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
- 22) You shall submit official e-mail address and any change will be duly informed to the MPCB, forthwith.
- 23) You shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended
- 24) You shall observe provisions of E-waste (Management and Handling) Rules 2011 and Battery Waste (Management and Handling) Rules 2001, as amended.

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12/4/23, 4:22 PM

Not in 1.009 358 n. 4/12/23
The MGM Group Mail - Application Payment Pending



MGM Aurangabad <mgmmca@themgmgroup.com>

Application Payment Pending

1 message

MPCB Web Portal <portalsupport@mpcb.gov.in>

Mon, Dec 4, 2023 at 11:44 AM

Reply-To: "portalsupport@mpcb.gov.in" <portalsupport@mpcb.gov.in>

To: mgmmca@themgmgroup.com

Greeting MGM S MEDICAL COLLEGE & HOSPITAL,

As per your application with UAN number MPCB-CONSENT-0000188429 you have successfully uploaded all the mentioned compulsory document. Please make the payment from the payment section so that your application will be in process.

MPCB Portal Support

Disclaimer

This is an auto generated mail with if you are not a valid recipient please discard the same. This is not the spam. In case of dispute, jurisdiction with respect to Maharashtra jurisdiction

Date: 04-12-2023



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Thank you. Your payment has been successfully received with following details.

Transaction Receipt

Transaction Status:	Success
Transaction Reference no:	ZIDC1585714335
Transaction no:	TXN2312000949
Transaction On:	06-12-2023 12:18:43
Payment For:	MPCB-CONSENT-0000188429
Email:	mgmmca@themgmgroup.com
Mol no:	9823547202
Amount:	2457589.00 INR.

Biomedical Waste Management



Towards sustainable growth



Mumbai Waste Management Limited

SERVICE CERTIFICATE

MIS M G M Hospital - kamothe

is a registered members of

CBMW-TSDF at MIDC, Talaja

for safe & secure disposal of

Bio Medical Waste.

Registration no.: MWML - BMW PAN-1069

This Certificate is valid upto

31st Dec'2022 For 810 Beds.

Somnath Malgar
Project Head

Certificate No.: MWML-BMW-2021-2022/04234

Mumbai Waste Management Limited



Plot No. P-32, MIDC Taloja, Tal.Panvel,
Dist.Raigad,
Mumbai Maharashtra 410208 India

Mobile No: 8422877101 Email: bmwmwml@resustainability.com



Unique Registration #: MWML/2023/00668



Registration Certificate



Outward #: MWML/2023/00668

Date: 29-12-2023

This is to certify that MGM Hospital Plot No. 1 & 2, Sector - 20, Kamothe Maharashtra 410209 India is registered with Mumbai Waste Management Limited with Membership No: **PAN1069** for Management of Bio Medical Waste in accordance with, the provision of Bio Medical Waste Management Rules, 2016, as amended and in compliance with the provisions of CPCB guidelines.

- 1 **Authorized Person of HCE** : **Medical Superintendent**
(Name of Designation) Medical Superintendent
- 2 **Bombay Nursing Home Act Registration Details**
 - a. Registration Number : MH/PMC/H-136
 - b. Issue Date : 09/13/2022
 - c. Total Number of Beds : 1075
 - d. Validity (Form "C") : 03/31/2025
- 3 **Common Treatment Facility Registration Detail**
 - a. Date of Registration : 04/21/2004
 - b. No. of Beds Registered : 1075
 - c. Registration Validity : 12/31/2024
- 4 **Renewal of CTF Membership (if Applicable)**
 - a. Renewal Date : 12/30/2024
 - b. No. of Beds : 1075
- 5 **State PCB Consent (Establish/1st Operate) Details**
 - a. Consent / CCA Number : Format 1.0/CAC/UAN No. 0000115356/CR-2112001494
 - b. Issue Date : 12/27/2021
 - c. Validity up to : 06/30/2026

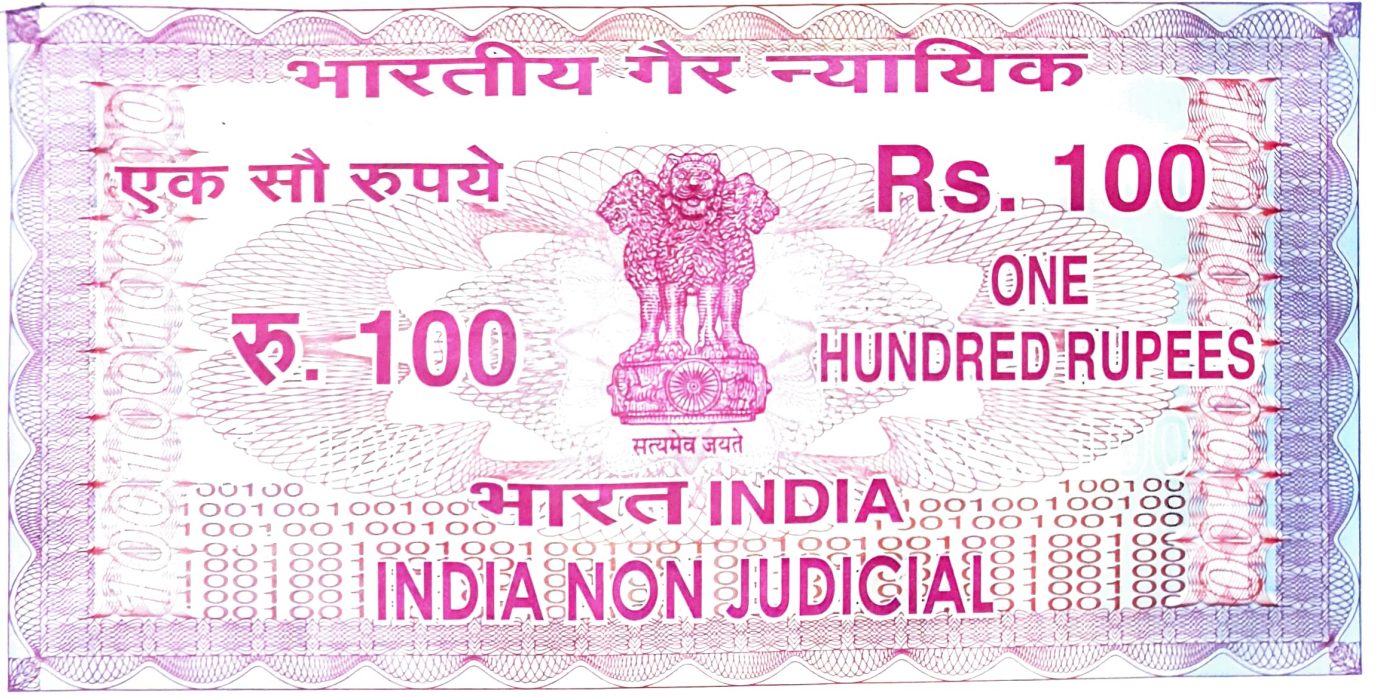


Authorized Signature

Name: Somnath Malgar

Designation: Director

Note: HCE shall display copy of Registration Certificate at front desk and Temporary BMW storage area



महाराष्ट्र MAHARASHTRA

2021

ZS 306104

0 APR 2022

भुरवडाचा दिनांक
उपकोषागारचे नांव-पनवेल,
जि. रायगड.

उप कोषागार अधिकारी
पनवेल - रायगड



AGREEMENT

This agreement has been entered on this 28th April day of the year 2022

BETWEEN

Mumbai Waste Management Ltd., (hereinafter referred to as **MWML**) having its Office at Plot No. P – 32, MIDC Talaja, Tal: Panvel, Dist: Raigad, Maharashtra – 410 208 duly represented by - **Mr. Somnath Malgar, Director**

AND

Name of Health Care Establishment (HCE): **MGM Hospital**
(Hereinafter referred to as **GENERATOR**) Full Address: Plot No. 1 & 2, Sector – 18, **Kamothe, Navi Mumbai – 410 210** Authorized representative of Generator:
Dr. K. R. SALGOTRA, HOSPITAL DIRECTOR Designation: **Director** Contact No.:

02227437687 e-mail ID: Kmgmhospital@gmail.com

Dr. LV General (Retd) KR Salgotra, VSM
Hospital Director
MGM Medical College & Hospital,
Kamothe, Navi Mumbai - 410 209.




NOW THIS INDENTURE WITNESSETH and it is hereby covenant as follows:

Validity of the Agreement

This agreement shall remain in force for a period of Five years w.e.f. **1st day of April of the year 2022 to 31st day of March of the year 2027** (both days inclusive), and can be further renewed with mutual consent of both the parties.

Responsibilities of the "MWML"

1. "MWML" shall meet all the rules and regulations as stipulated by the MPCB.
2. "MWML" alone is liable for any violation of the Environment (Protection) Act 1986 and the relevant rules made there under, after collection of BMW from the GENERATOR.
3. "MWML" shall collect the **segregated** bio-medical waste from the identified common waste collection point within the premises of GENERATOR on daily basis. "MWML" shall provide assistance to finalize the pick-up location to the GENERATOR. The GENERATOR shall be fully responsible for keeping the BMW under lock and key and protecting it from any sort of mishandling before it is handed over to any authorized person of MWML.
4. MWML shall schedule the timings for collecting the waste in consultation with the GENERATOR.
5. In case "MWML" fails to collect the BMW within a time frame of 24 hours of the designated time due to any reason, the GENERATOR shall inform "MWML", who shall ensure to collect the BMW from the premises of the GENERATOR within the next 24 hours of the intimation.
6. "MWML" shall transport the segregated waste in closed container vehicle to its treatment facility in enclosed bins.
7. On the written request of the GENERATOR, "MWML" shall undertake to provide/educate the generator and its staff, at no extra cost, the initial training about the segregation / method of collection of BMW in designated color coded plastic bags.
8. "MWML" shall not be held liable for any kind of the violation made by the generator / or its staff under the Environment (Protection) Act 1986 or any similar regulations/norms.
9. "MWML" shall be responsible for appropriate treatment and shredding of disinfected waste at the centralized facility as per Schedule -1 of the BMW (M&H) Rules 1998 & amendments made there under.
10. "MWML" shall also undertake testing of treated waste to ensure safety to the environment as per Rules.
11. "MWML" shall be responsible for the disposal of treated waste into secured landfills or in recycling plants as applicable.



Dr. LV General (Retd) K R Salgotra, VSM
Hospital Director
MGM Medical College & Hospital,
Kamothe, Navi Mumbai - 410 209.

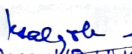


Responsibilities of the Generator

1. The GENERATOR shall segregate the waste at the point of generation in accordance with the BMW (M&H) Rules 1998 and in compliance with the standards prescribed there under.
2. The GENERATOR shall collect and hand over the segregated BMW in plastic bags as stipulated by the Maharashtra Pollution Control Board (MPCB) norms.
3. All consumables like bags, needle cutters, disinfectants etc. shall be procured by the GENERATOR at its own cost.
4. All the bags shall be sealed tightly and labeled as per the rule by the GENERATOR and "MWML" will collect the sealed bags only from a secured designated point within the premises of the GENERATOR.
5. The GENERATOR shall disinfect the sharps, mutilate them and hand over in Puncture Proof Containers to "MWML".
6. The GENERATOR shall take all steps to ensure that the waste is handled without adverse effects to human health and environment.
7. The GENERATOR shall establish a common secured waste collection point within its premises for collection and handing over to "MWML".
8. The GENERATOR shall furnish annual report on "Form-II" regarding generation, collection and storage of Bio-Medical wastes in the prescribed format to Maharashtra Pollution Control Board.
9. The GENERATOR shall maintain all the relevant records and make reports of the accidents to MPCB, if any, on "Form-III" as prescribed under the rules.
10. The GENERATOR shall designate a "Nodal Officer" to interact with "MWML".
11. The BMW handed over by the GENERATOR may be checked and suggestions, if needed, may be provided for improvement in the segregation of waste by "MWML".
12. The GENERATOR shall obtain authorization from the Maharashtra Pollution Control Board.
13. The GENERATOR shall be solely responsible for the number of beds being declared to "MWML", which must be same for which the authorization is obtained from Maharashtra Pollution Control Board. The GENERATOR shall inform "MWML" and MPCB within 7 days about any change in the number of beds. MWML shall not be responsible for any under/over declaration by GENERATOR on this account.

Terms & Conditions

1. The GENERATOR has already paid One Time Non-Refundable Membership Registration Fee of Rs. 1000/-.
2. The GENERATOR has already paid an amount equal to 6 months of service charges as refundable/ adjustable security deposit.
3. MWML shall charge the service of collection, transport, treatment & disposal of BMW is **Rs.12.41** (Twelve Rupees Forty One Paisa Only.) per bed per day for your hospital total beds i.e. **810 Beds**.



Dr. LV General (Retd) K R Salgotra, VSM
Hospital Director
MGM Medical College & Hospital,
Kamothe, Navi Mumbai - 410 209.



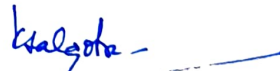
4. The above rates shall be increased annually by **10%** on previous year's rates. The first revision will be from **1st April 2023**.
5. The no. of beds as well as quantity of waste shall be reviewed annually. The agreement may be amended suitably if required
6. If the Generator by virtue of any reason fails to make the payment within 25 days of submission of bills, "MWML" shall charge 1% of invoices amount as a late payment charges.
7. MWML would be at liberty to serve the notice of termination of agreement / suspension of services offered at any time to the GENERATOR if the GENERATOR fails to make the payment to "MWML" within a time frame of 3 months from the date on which they became so payable.
8. In the case of the termination of the agreement by virtue of applicability of Para 6 above, the security deposit/ advance paid by the GENERATOR shall stand forfeited without impacting the original claim of the "MWML"
9. All payments shall be made through crossed a/c payee **demand draft or cheque**, favoring "Mumbai Waste Management Ltd" only.
10. All bounced cheques shall be charged @ Rs. 500 /- extra in addition to the actual bank charges.
11. The jurisdiction of Court in all disputes would be the place of office of MWML only

Termination Clause

Both the parties would be at liberty to terminate this contract by serving a notice of 3 Months well in advance or alternately compensating the other party by an amount equal to the average of 3 months billing.



Somnath Malgar
Director
(Authorized Signatory - "MWML")



Dr. Lt/General (Retd) K. R. Salgotra, VSM
Hospital Director
(Authorized Signatory - "Generator")

Dr. Lt/ General (Retd) K R Salgotra, VSM
Hospital Director
MGM Medical College & Hospital,
Kamothe, Navi Mumbai - 410 209.

Liquid waste management

MGM MEDICAL COLLEGE & HOSPITAL

Total Sewage Treatment Plant Record Year - 2022-23

Month & Year	Inlet Water Flow Meter (M3)	Outlet Water Flow Meter (M3)	Use Of Water Total (M3)	Electricity Meter Reading (KWH)
Sep-22	11904	11260	4177	15746
Oct-22	12456	11800	3188	16832
Nov-22	11840	11229	4843	16218
Dec-22	11190	10570	4062	15688
Jan-23	12297	11650	3348	16756
Feb-23	9623	8680	4389	15104
Mar-23	12110	11420	5978	17314
Apr-23	12490	11840	7754	18420
May-23	12870	12200	9614	17765
Jun-23	12454	11810	8452	17995
Jul-23	12782	12100	4272	18352
Aug-23	12699	12010	6825	18530
Total	144716	136569	66901	204720


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MGM's Medical College
Aurangabad.





MGM MEDICAL COLLEGE & HOSPITAL

Use of STP & ETP Treated Water (Year 2022-23)

Month	JNEC GARDEN (M3)	MGM SPORT CLUB GARDEN (M3)	HOSPITAL FLOSHING (M3)	JNEC FLUSHING (M3)
Sep-22	213	723	0	3170
Oct-22	336	809	0	1993
Nov-22	1553	1696	61	1570
Dec-22	1424	1536	11	1130
Jan-23	333	1827	23	1165
Feb-23	1427	1861	1101	4389
Mar-23	1689	2912	18	1359
Apr-23	2272	3127	276	2080
May-23	2139	3242	198	4036
Jun-23	1960	2971	54	3467
Jul-23	526	288	199	3258
Aug-23	1178	1770	393	3485
Total	15049	22762	2334	31101




Dean
MGM's Medical College
Aurangabad.



MGM - Centre For GREEN & CLEAN India								
Organic Waste Management - City Farming & Pit Method 2022 (Month Wise)								
Month	Mgm JNEC Campus		Mgm Sport Club & Stedium Campus		Mgm Medical college & Hospital (weight in Kg)		Total Campus Waste	
	Dry	Wet	Dry	Wet	Dry	Wet	Dry	Wet
Sep-22	905	2539	920	2553	995	6715	2820	11807
Oct-22	770	2174	760	2253	890	5895	2420	10322
Nov-22	950	2652	950	2575	1110	7045	3010	12272
Dec-22	945	2707	985	2763	1100	7275	3030	12745
Jan-23	955	2614	910	2632	1105	6796	2970	12042
Feb-23	895	2524	858	2488	1055	6485	2808	11497
Mar-23	970	2736	930	2716	1130	6770	3030	12222
Apr-23	860	2594	940	2581	1015	6265	2815	11440
May-23	975	2940	975	2920	1125	7405	3075	13265
Jun-23	945	3030	965	2905	1175	7095	3085	13030
Jul-23	915	2785	935	2800	1100	6805	2950	12390
Aug-23	945	2910	970	3085	1145	7035	3060	13030
Total	11030	32205	11098	32271	12945	81586	35073	146062

Note: All above figures are in Kg



Dean
MGM's Medical College
Aurangabad.

प्राचार्य

Radiation safety certificate



Case File Number: MH-25439-RF-XL-041

Issue Date: 26/06/2023

Document Number: 23-LOP-959005

Expiry Date: 26/06/2028

LICENSE FOR OPERATION OF MEDICAL DIAGNOSTIC X-RAY EQUIPMENT

In exercise of powers conferred under Section 16 and 17 as applicable of Atomic Energy Act, 1962 read in conjunction with Rule (3) of the Atomic Energy (Radiation Protection) Rules (AE(RP)R), 2004, the Atomic Energy Regulatory Board (AERB) hereby issues Licence in favour of Dr. AJIT GOVINDDAS SHROFF to operate the following diagnostic radiology equipment located at N 6 CIDCO, AURANGABAD AURANGABAD, MAHARASHTRA-431003 for Medical Diagnosis purposes.

Type of Equipment	Manufacturer	Model	Equipment Id	Equipment Serial No
Computed Tomography	FUJIFILM Healthcare Corporation, Japan	Fujifilm-Supria	G-XL-177559	

The DEAN, MAHATMA GANDHI MISSION HOSPITAL, AURANGABAD and Dr. AJIT GOVINDDAS SHROFF are hereby identified as the Employer and licensee respectively, for the purpose of assigning the responsibilities specified in the Atomic Energy (Radiation Protection) Rules, 2004, in respect of radiation protection of workers, public and environment because of operation of the above equipment.

The Employer and Licensee are responsible for,

- I. Ensuring compliance with the relevant provisions of the
 - i. Atomic Energy Act, 1962
 - ii. Atomic Energy (Radiation Protection) Rules, 2004;
 - iii. AERB Safety Code (AERB/SC/Med-2), 2001, Amendment 2012, and the revisions thereof
 - iv. All applicable Safety Codes, Guides issued by AERB for the above practice and regulatory documents issued by AERB from time to time.
 - v. Directives issued by Competent Authority from time to time.
- II. Ensuring compliance with terms and conditions stated overleaf.

Note:

This Licence is issued ONLY from the RADIATION SAFETY VIEW POINT. All other clearances shall be obtained from concerned state/central/local authorities as applicable.

This is computer generated copy. Hence no signature required.

DR. AJIT GOVINDDAS SHROFF
MAHATMA GANDHI MISSION HOSPITAL,
N 6 CIDCO AURANGABAD,
AURANGABAD-431003
MAHARASHTRA

Dr. P. K. Dash Sharma
Head, RSD
(Issuing Authority)



परमाणु ऊर्जा नियामक परिषद्, नियामक भवन, अणुशक्तिनगर, मुंबई 400094 (महाराष्ट्र)
Atomic Energy Regulatory Board, Niyamak Bhavan, Anushaktinagar, Mumbai 400094 (Maharashtra)



Case File Number: MH-25439-RF-XR-028

Issuance Date: 06/12/2022

Document Number: 19-RLXE-416525

Expiry Date: 06/12/2027

REGISTRATION FOR OPERATION OF MEDICAL DIAGNOSTIC X-RAY EQUIPMENT

In exercise of powers conferred under Section 16 and 17 as applicable of Atomic Energy Act, 1962 read in conjunction with Rule (3) of the Atomic Energy (Radiation Protection) Rules (AE(RP)R), 2004, the Atomic Energy Regulatory Board (AERB) hereby issues **Registration** in favour of Dr. AJIT SHROFF to operate the following medical diagnostic x-ray equipment located at MAHATMA GANDHI MISSION HOSPITAL, N 6 CIDCO, AURANGABAD AURANGABAD, MAHARASHTRA-431003 for medical diagnostic purpose.

Type of Equipment	Manufacturer	Model	Equipment ID
Radiography and Fluoroscopy	M/s. Allengers Medical Systems Limited	MARS 50 +	G-XR-106674

The **DEAN, MAHATMA GANDHI MISSION HOSPITAL, AURANGABAD** and **DR. AJIT SHROFF** are hereby identified as the Employer and licensee respectively, for the purpose of assigning the responsibilities specified in the Atomic Energy (Radiation Protection) Rules, 2004, in respect of radiation protection of workers, public and environment because of operation of the above equipment.

The Employer and Licensee are responsible for,

- I. Ensuring compliance with the relevant provisions of the
 - i. Atomic Energy Act, 1962
 - ii. Atomic Energy (Radiation Protection) Rules, 2004;
 - iii. AERB Safety Code (AERB/SC/Med-2), 2001, Amendment 2012, and the revisions thereof
 - iv. All applicable Safety Codes, Guides issued by AERB for the above practice and regulatory documents issued by AERB from time to time.
 - v. Directives issued by Competent Authority from time to time.
- II. Ensuring compliance with terms and conditions stated overleaf.

Note:

This Registration is issued ONLY from the RADIATION SAFETY VIEW POINT. All other clearances shall be obtained from concerned state/central/local authorities as applicable.

DR. AJIT SHROFF

MAHATMA GANDHI MISSION HOSPITAL
N 6 CIDCO, AURANGABAD
AURANGABAD, MAHARASHTRA-431003

Copy to: DEAN, MAHATMA GANDHI MISSION HOSPITAL, AURANGABAD

Dr. P. K. Dash Sharma
Head, RSD

Note: This document is also available at www.aerb.gov.in/elora

परमाणु ऊर्जा नियामक परिषद्, नियामक भवन, अणुशक्तिनगर, मुंबई 400094 (महाराष्ट्र)
Atomic Energy Regulatory Board, Niyamak Bhavan, Anushaktinagar, Mumbai 400094 (Maharashtra)



Case File Number: MH-25439-RF-XR-038

Issue Date: 21/04/2023

Document Number: 23-LOP-930270

Expiry Date: 21/04/2028

REGISTRATION FOR OPERATION OF MEDICAL DIAGNOSTIC X-RAY EQUIPMENT

In exercise of powers conferred under Section 16 and 17 as applicable of Atomic Energy Act, 1962 read in conjunction with Rule (3) of the Atomic Energy (Radiation Protection) Rules (AE(RP)R), 2004, the Atomic Energy Regulatory Board (AERB) hereby issues Registration in favour of DR. AJIT SHROFF to operate the following diagnostic radiology equipment located at N 6 CIDCO, AURANGABAD AURANGABAD, MAHARASHTRA-431003 for Medical Diagnosis purposes.

Type of Equipment	Manufacturer	Model	Equipment Id
Radiography (Fixed)	DRGEM CORPORATION, Korea	FDR Smart FGX 52-S	G-XR-176814

The DEAN, MAHATMA GANDHI MISSION HOSPITAL, AURANGABAD and DR. AJIT SHROFF are hereby identified as the Employer and licensee respectively, for the purpose of assigning the responsibilities specified in the Atomic Energy (Radiation Protection) Rules, 2004, in respect of radiation protection of workers, public and environment because of operation of the above equipment.

The Employer and Licensee are responsible for,

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 - iii. AERB Safety Code (AERB/SC/Med-2), 2001, Amendment 2012, and the revisions thereof
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- II. Ensuring compliance with terms and conditions stated overleaf.

Note:

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DR. AJIT SHROFF, DEAN
MAHATMA GANDHI MISSION HOSPITAL
N 6 CIDCO, AURANGABAD
AURANGABAD, MAHARASHTRA-431003

Dr. P. K. Dash Sharma
Head, RSD

CC: DEAN, MAHATMA GANDHI MISSION HOSPITAL, AURANGABAD

Note: This document is also available at www.aerb.gov.in/elora



परमाणु ऊर्जा नियामक परिषद्, नियामक भवन, अणुशक्तिनगर, मुंबई 400094 (महाराष्ट्र)
Atomic Energy Regulatory Board, Niyamak Bhavan, Anushaktinagar, Mumbai 400094 (Maharashtra)



Case File Number: MH-25439-RF-XR-036

Issue Date: 21/04/2023

Document Number: 23-LOP-930265

Expiry Date: 21/04/2028

REGISTRATION FOR OPERATION OF MEDICAL DIAGNOSTIC X-RAY EQUIPMENT

In exercise of powers conferred under Section 16 and 17 as applicable of Atomic Energy Act, 1962 read in conjunction with Rule (3) of the Atomic Energy (Radiation Protection) Rules {AE(RP)R}, 2004, the Atomic Energy Regulatory Board (AERB) hereby issues Registration in favour of DR. AJIT SHROFF to operate the following diagnostic radiology equipment located at N 6 CIDCO, AURANGABAD AURANGABAD, MAHARASHTRA-431003 for Medical Diagnosis purposes.

Type of Equipment	Manufacturer	Model	Equipment Id
Radiography (Fixed)	DRGEM CORPORATION, Korea	FDR Smart FGX 52-S	G-XR-176809

The DEAN, MAHATMA GANDHI MISSION HOSPITAL, AURANGABAD and DR. AJIT SHROFF are hereby identified as the Employer and licensee respectively, for the purpose of assigning the responsibilities specified in the Atomic Energy (Radiation Protection) Rules, 2004, in respect of radiation protection of workers, public and environment because of operation of the above equipment.

The Employer and Licensee are responsible for,

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 - i. Atomic Energy Act, 1962
 - ii. Atomic Energy (Radiation Protection) Rules, 2004;
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- II. Ensuring compliance with terms and conditions stated overleaf.

Note:

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DR. AJIT SHROFF, DEAN
MAHATMA GANDHI MISSION HOSPITAL
N 6 CIDCO, AURANGABAD
AURANGABAD, MAHARASHTRA-431003

Dr. P. K. Dash Sharma
Head, RSD

C: DEAN, MAHATMA GANDHI MISSION HOSPITAL, AURANGABAD

Note: This document is also available at www.aerb.gov.in/elora



परमाणु ऊर्जा नियामक परिषद्, नियामक भवन, अणुशक्तिनगर, मुंबई 400094 (महाराष्ट्र)
Atomic Energy Regulatory Board, Niyamak Bhavan, Anushaktinagar, Mumbai 400094 (Maharashtra)



Case File Number: MH-25439-RF-XR-015

Issuance Date: 30/12/2020

Document Number: 15-LOEE-75105

Expiry Date: 30/12/2025

REGISTRATION FOR OPERATION OF MEDICAL DIAGNOSTIC X-RAY EQUIPMENT

In exercise of powers conferred under Section 16 and 17 as applicable of Atomic Energy Act, 1962 read in conjunction with Rule (3) of the Atomic Energy (Radiation Protection) Rules {AE(RP)R}, 2004, the Atomic Energy Regulatory Board (AERB) hereby issues **Registration** in favour of Dr. AJIT SHROFF to operate the following medical diagnostic x-ray equipment located at MAHATMA GANDHI MISSION HOSPITAL, N 6 CIDCO, AURANGABAD AURANGABAD, MAHARASHTRA-431003 for medical diagnostic purpose.

Type of Equipment	Manufacturer	Model	Equipment ID
Mammography	M/s. Allengers Medical Systems Limited	MAM- VENUS	G-XR-43184

The DEAN, MAHATMA GANDHI MISSION HOSPITAL, AURANGABAD and DR. AJIT SHROFF are hereby identified as the Employer and licensee respectively, for the purpose of assigning the responsibilities specified in the Atomic Energy (Radiation Protection) Rules, 2004, in respect of radiation protection of workers, public and environment because of operation of the above equipment.

The Employer and Licensee are responsible for,

- I. Ensuring compliance with the relevant provisions of the
 - i. Atomic Energy Act, 1962
 - ii. Atomic Energy (Radiation Protection) Rules, 2004;
 - iii. AERB Safety Code (AERB/SC/Med-2), 2001, Amendment 2012, and the revisions thereof
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Note:

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DR. AJIT SHROFF

MAHATMA GANDHI MISSION HOSPITAL
N 6 CIDCO, AURANGABAD
AURANGABAD, MAHARASHTRA-431003

Copy to: DEAN, MAHATMA GANDHI MISSION HOSPITAL, AURANGABAD

Dr. P. K. Dash Sharma
Head, RSD

Note: This document is also available at www.aerb.gov.in/elora



परमाणु ऊर्जा नियामक परिषद्, नियामक भवन, अनुशक्तिनगर, मुंबई 400094 (महाराष्ट्र)
Atomic Energy Regulatory Board, Niyamak Bhavan, Anushaktinagar, Mumbai 400094 (Maharashtra)



Case File Number: MH-25439-RF-XR-015

Issuance Date: 30/12/2020

Document Number: 15-LOEE-75105

Expiry Date: 30/12/2025

REGISTRATION FOR OPERATION OF MEDICAL DIAGNOSTIC X-RAY EQUIPMENT

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Type of Equipment	Manufacturer	Model	Equipment ID
Mammography	M/s. Allengers Medical Systems Limited	MAM- VENUS	G-XR-43184

The DEAN, MAHATMA GANDHI MISSION HOSPITAL, AURANGABAD and DR. AJIT SHROFF are hereby identified as the Employer and licensee respectively, for the purpose of assigning the responsibilities specified in the Atomic Energy (Radiation Protection) Rules, 2004, in respect of radiation protection of workers, public and environment because of operation of the above equipment.

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DR. AJIT SHROFF

MAHATMA GANDHI MISSION HOSPITAL
N 6 CIDCO, AURANGABAD
AURANGABAD, MAHARASHTRA-431003

Copy to: DEAN, MAHATMA GANDHI MISSION HOSPITAL, AURANGABAD

Dr. P. K. Dash Sharma
Head, RSD

Note: This document is also available at www.aerb.gov.in/elora

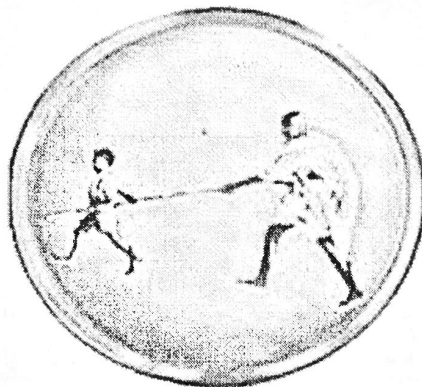


परमाणु ऊर्जा नियामक परिषद्, नियामक भवन, अनुशक्तिनगर, मुंबई 400094 (महाराष्ट्र)
Atomic Energy Regulatory Board, Niyamak Bhavan, Anushaktinagar, Mumbai 400094 (Maharashtra)

E Waste

Standard Operating Procedure for E-Waste (IT Scrap) Disposal

Issue No. 01





MGM Institute of Health Sciences

MGM Campus, Sector 1, Kamothe, Navi Mumbai-410209

www.mgmuhs.com

Document Details	
Issue Number:	01
Release date:	
MS Word file name:	MGMIHSewaste_disposalSOP.docx
Document Prepared By:	IT Manager, MGMIHS

Revision History		
Revision Number	Release Date	Brief Description or Notes

Approvals		
Department	Name & Designation	Sign with Date
University	Dr. Shashank Dalvi Vice Chancellor	 4/6/19
University	Dr. Rajesh B Goel Registrar	 4/6/19.

Document Summary
This document defines a Standard Operating Procedure for E Waste Disposal being followed in MGMIHS and its constituent colleges. It also mentions the applicable policies, standards and documents.

Document Release Note
This document is released for use in MGM Institute of Health Sciences and its Constituent Units.

1. Purpose

This Document briefs the disposal process of non-functioning of IT assets (E-Waste), and guidelines to be followed at MGMIHS and its constituent units.

2. Scope

This process will be deployed and sustained at MGM Institute of Health Sciences and its constituent units in both of its campuses located in Navi Mumbai and Aurangabad.

3. Procedure

- All the users from other departments raises the request to IT department for troubleshooting the problematic IT assets such as desktops, laptops, servers, printers etc.
- Based on the Service Request, the Hardware Technicians from IT Department identifies that whether respective asset is Working or Not.
- If the respective asset is found to be working or repairable, then it is kept for maintenance purposes
- In case the IT asset is more than 7 years and not repairable, then the System Administrator verifies in details and submits the report to respective authorities after labelling it as Scrap. The same is reported to IT manager also
- IT Manager consolidates the IT scraps (e-waste) of all departments and submits the consolidated list to the Medical Director, MGM for e-waste disposal.
- Based on the approval from the Medical Director, MGM; IT Manager raises the purchase request for IT scrap disposal with Stores Department.
- The Stores Department calls the quotations from the Authorized vendors for IT scrap disposal and receive the proposals from Vendors.
- The Stores department negotiates with the vendors and shortlists the appropriate vendor for IT scrap disposal in presence of Finance Officer.
- The IT Manager then handovers the IT Scrap (e-waste) to the shortlisted vendor and sends the IT scrap to vendor's e-waste hub.

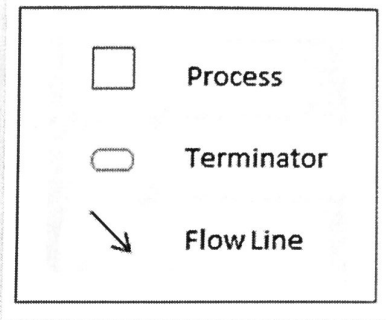
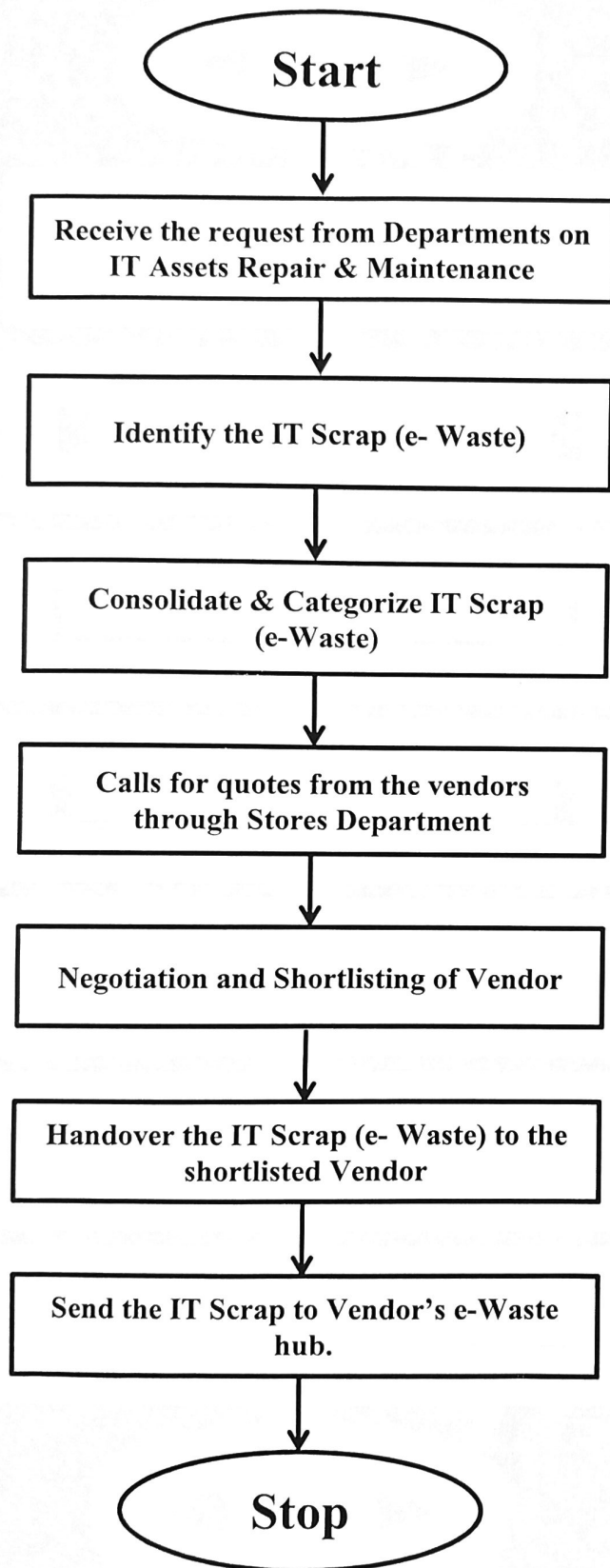
4. Responsibilities

IT Manager is responsible for consolidating the IT Scrap and coordinate for disposal of IT scrap to shortlisted vendor as per the Stores Department.

5. Flow chart

Process Flow chart

E- Waste Management – Process





MGM INSTITUTE OF HEALTH SCIENCES

(Deemed to be University u/s 3 of UGC Act, 1956)

Grade 'A++' Accredited by NAAC

MGM SCHOOL OF PHYSIOTHERAPY

Sector-1, Kamothe, Navi Mumbai – 410209

MGM/SOP/536 /2022

Date: 07/09/2022

To,
The Security Officer,
MGM Campus,
Kamothe, Navi Mumbai.

Sub : Gate Pass

Dear Sir,

Kindly allow Mr. Roshan Shaikh, Mankhurd to take the following Scrap material.

1. Plinth
2. Projection Screen
3. Hospital Bed
4. Uninterruptible power supply (UPS)
5. Switch mode power supply (SMPS)
6. Bench
7. Revolving chair
8. Plastic chair with arms

Thanking you.


Store Keeper

MGM School of Physiotherapy
Navi Mumbai



Dr. Bela Agarwal
Professor

MGM School of Physiotherapy
Navi Mumbai



Dr. Rajani Mullerpatan
Professor-Director
MGM School of Physiotherapy
Navi Mumbai





MGM INSTITUTE OF HEALTH SCIENCES
(Deemed to be University u/s 3 of UGC Act, 1956)
Grade 'A' Accredited by NAAC,
MGM SCHOOL OF PHYSIOTHERAPY
Sector-1, Kamothe, Navi Mumbai – 410209

MGM/SOP/473/2022

Date: 23/08/2022
10/07/2022

Details of items of equipment/ furniture submitted to Central Condemnation Committee for write off/ Condemnation/ Disposal etc:

Sr. No.	Item Name	Qty	Year of Purchase	Purchase Amount	Cost of Repair	Depreciated value as on 19/07/2022	Condition of item as per CCC	Recommendations of CCC
1	Plinth	1	26/11/2010	8500.00	Not Repairable	4428.00	Beyond economic repair	To write off and Dispose
2	Projection screen (6 x 8)	1	31/08/2010	6700.00	Not Repairable	2102.00	Beyond economic repair	To write off and Dispose
3	Hospital bed	1	2014 (Approx.)	Approx. 30000.00	20000.00	6176.00	Beyond economic repair	To write off and Dispose
4	Uninterruptible Power Supply (UPS)	10	24/11/2010	1700.00 (*17000.00)	Technician report from IT	8833.00	Beyond economic repair	To write off and Dispose
		5	22/2/2012	1666.67 (*8333.35)	Technician available		Beyond economic repair	To write off and Dispose
5	Switched Mode Power Supply (SMPS)	01	11/09/2013	570.00	Technician report from IT	631.00	Beyond economic repair	To write off and Dispose
		01	23/09/2015	750.00	Technician available		Beyond economic repair	To write off and Dispose
6	Bench	14	Aug 2010	Approx. 3000.00 (*42000.00)	Not Repairable	8647.00	Beyond economic repair	To write off and Dispose
7	Revolving Chair	10	Aug 2010	Approx. 6500.00 (*39000.00)	Not Repairable	18653.00	Beyond economic repair	To write off and Dispose
8	Plastic Chair with arms	15	28/06/2011 / Aug 2010	500.00 (*6500.00)	Not Repairable	1853.00	Beyond economic repair	To write off and Dispose

*Cost x Quantity = Total Cost

Above items checked by the committee members and their remarks are appended as column no 7 above for taking further necessary action Items declared Condemned were found beyond economical repair, hence be disposed of by auctioning.

Committee Members

1.	Dr. N.C. Mohanty	Chairman		23/8
2.	Dr. P. G. Ramesh	Member		23/8
3.	Dr. Rajani Mullerpatan	Professor-Director MGM School of Physiotherapy, Navi Mumbai		
4.	Dr. Bela Agarwal	Professor MGM School of Physiotherapy, Navi Mumbai		



MGM INSTITUTE OF HEALTH SCIENCES
(Deemed to be University u/s 3 of UGC Act, 1956)
Grade 'A' Accredited by NAAC
MGM SCHOOL OF PHYSIOTHERAPY
Sector-1, Kamothe, Navi Mumbai – 410209

MGM/SOP/ / 2022

Date : /07/2022

The Following items were produced before the designated committee for classification / condemnation.

Sr. No.	Item Name	Qty	Year of Purchase	Purchase Amount	Cost of Repair	Remark/ Status with Service Reports		
						Resumed	Repairable	Condemned (Beyond Economical Repair)
1	Plinth	1	26/11/2010	8500.00	Not Repairable			
2	Projection screen (6 x 8)	1	31/08/2010	6700.00	Technician report from IT Technician available			
3	Hospital bed	1	2014 (Approx.)	Approx. 30000.00	20000.00	Not Repairable		
4	Uninterruptible Power Supply (UPS)	14	24/11/2010 / 22/2/2012	1700.00 / 1666.67	Technician report from IT Technician available			
5	Switched Mode Power Supply (SMPS)	02	11/09/2013 / 23/09/2015	570.00 / 750.00	Technician report from IT Technician available			
6	Bench	15	Aug 2010	Approx. 3000.00 (*42000.00)	1000.00	Not Repairable		
7	Revolving Chair	6	Aug 2010	Approx. 6500.00 (*39000.00)	Not Repairable			
8	Plastic Chair with arms	13	28/06/2011 / Aug 2010	500.00 (*6500.00)	Not Repairable			

* Cost x Quantity = Total Cost

Above items checked by the committee members and their remarks are appended as column no 7 above for taking further necessary action Items declared Condemned were found beyond economical repair, hence be disposed of by auctioning.

Committee Members

1.	Dr. N.C. Mohanty	Chairman	
2.	Dr. P. G. Ramesh	Member	
3.	Dr. Rajani Mullerpattan	Professor-Director MGM School of Physiotherapy, Navi Mumbai	
4.	Dr. Bela Agarwal	Professor MGM School of Physiotherapy, Navi Mumbai	



MGM INSTITUTE OF HEALTH SCIENCES
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MGM SCHOOL OF PHYSIOTHERAPY
Sector-1, Kamothe, Navi Mumbai -- 410209

MGM/SOP/ / 2022

Date : /07/2022

Details of items of equipment/ furniture submitted to Central Condemnation Committee for write off/ Condemnation/ Disposal etc:

Sr. No.	Item Name	Qty	Year of Purchase	Purchase Amount	Cost of Repair	Depreciated value as on 19/07/2022	Condition of item as per CCC	Recommendations of CCC
1	✓ Pjinh	1	22/09/2017	7500.00	Not Repairable	4428.00	Beyond economic repair	To write off and Dispose
2	✓ Projection screen (6 x 8)	1	31/09/2011	6700.00	Not Repairable	2102.00	Beyond economic repair	To write off and Dispose
3	✓ Hospital bed FRAME	1	2007 (Approx.)	Approx. 30000.00	20000.00	6176.00	Beyond economic repair	To write off and Dispose
4	✓ Uninterruptible Power Supply (UPS)	10	24/11/2010	1700.00 (*17000.00)	Technician report from IT	8833.00	Beyond economic repair	To write off and Dispose
		5	22/2/2012	1666.67 (*8333.35)	Technician available		Beyond economic repair	To write off and Dispose
5	✓ Switched Mode Power Supply (SMPS)	01	11/09/2013	570.00	Technician report from IT	631.00	Beyond economic repair	To write off and Dispose
		01	23/09/2015	750.00	Technician available		Beyond economic repair	To write off and Dispose
6	✓ Bench	14	2007 (Approx.)	Approx. 3000.00 (*42000.00)	Not Repairable	8647.00	Beyond economic repair	To write off and Dispose
7	✓ Revolving Chair	6	02/06/2015	6500.00 (*39000.00)	Not Repairable	18653.00	Beyond economic repair	To write off and Dispose
8	✓ Plastic Chair with arms	13	28/06/2011	500.00 (*6500.00)	Not Repairable	1853.00	Beyond economic repair	To write off and Dispose

*Cost x Quantity, Total cost

Above items checked by the committee members and their remarks are appended as column no 7 above for taking further necessary action Items declared Condemned were found beyond economical repair, hence be disposed of by auctioning.

Committee Members

1.	Dr. N.C. Mohanty	Chairman	
2.	Dr. P. G. Ramesh	Member	
3.	Dr. Rajani Mullerpatan	Professor-Director MGM School of Physiotherapy, Navi Mumbai	
4.	Dr. Bela Agarwal	Professor MGM School of Physiotherapy, Navi Mumbai	



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed to be University u/s 3 of UGC Act, 1956)

Grade 'A' Accredited by NAAC

MGM SCHOOL OF PHYSIOTHERAPY

Sector-1, Kamothe, Navi Mumbai - 410209

MGM/SOP/ / 2022

Date : /07/2022

The Following items were produced before the designated committee for classification / condemnation.

Sr. No.	Item Name	Qty	Year of Purchase	Purchase Amount	Cost of Repair	Remark/ Status with Service Reports		
						Resume d	Repairable	Condemned (Beyond Economical Repair)
1	Plinth	1	22/09/2017	7500.00	Not Repairable			
2	Projection screen (6 x 8)	1	31/09/2011	6700.00	Technician report from IT Technician available			
3	Hospital bed	1	2007 (Approx.)	Approx. 30000.00	20000.00	Not Repairable		
4	Uninterruptible Power Supply (UPS)	15	24/11/2010 / 22/2/2012	1700.00 / 1666.67	Technician report from IT Technician available			
5	Switched Mode Power Supply (SMPS)	02	11/09/2013 / 23/09/2015	570.00 / 750.00	Technician report from IT Technician available			
6	Bench	14	2007 (Approx.)	Approx. 3000.00	1000.00	Not Repairable		
7	Revolving Chair	6	02/06/2015	6500.00	Not Repairable			
8	Plastic Chair with arms	13	28/06/2011	500.00	Not Repairable			


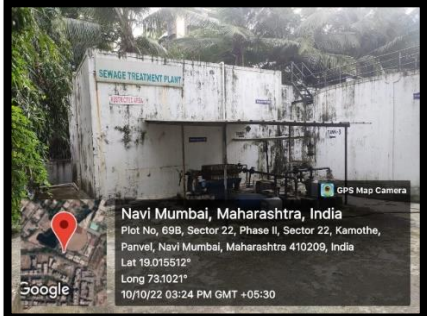
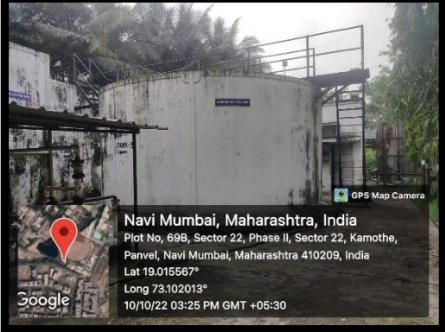

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Committee Members:

1.	Dr. N.C. Mohanty	Chairman	
2.	Dr. P. G. Ramesh	Member	
3.	Dr. Rajani Mullerpatan	Professor-Director MGM School of Physiotherapy, Navi Mumbai	
4.	Dr. Bela Agarwal	Professor MGM School of Physiotherapy, Navi Mumbai	

Water Treatment / Recycling Plant

Waste Recycling System

 <p>Navi Mumbai, Maharashtra, India Plot No. 69B, Sector 22, Phase II, Sector 22, Kamothe, Panvel, Navi Mumbai, Maharashtra 410209, India Lat 19.016524° Long 73.102106° 10/10/22 03:26 PM GMT +05:30</p>	 <p>Navi Mumbai, Maharashtra, India Plot No. 69B, Sector 22, Phase II, Sector 22, Kamothe, Panvel, Navi Mumbai, Maharashtra 410209, India Lat 19.015512° Long 73.1021° 10/10/22 03:24 PM GMT +05:30</p>
<p>Image 1: Filtration system in water treatment plant</p>	<p>Image 2: Filter press system and Collection tank at water treatment plant</p>
 <p>Navi Mumbai, Maharashtra, India Plot No. 69B, Sector 22, Phase II, Sector 22, Kamothe, Panvel, Navi Mumbai, Maharashtra 410209, India Lat 19.015567° Long 73.102013° 10/10/22 03:25 PM GMT +05:30</p>	 <p>Navi Mumbai, Maharashtra, India Plot No. 69B, Sector 22, Phase II, Sector 22, Kamothe, Panvel, Navi Mumbai, Maharashtra 410209, India Lat 19.016885° Long 73.101878° 10/10/22 03:21 PM GMT +05:30</p>
<p>Image 3: Settling tank unit at sewage treatment plant</p>	<p>Image 4: Rain water harvesting pond in campus</p>



**MAHATMA GANDHI MISSION
MEDICAL COLLEGE & HOSPITAL, NAVI MUMBAI**

Junction of NH-4 & Sion Panvel Expressway Sector -1, Kamothe, Navi Mumbai -410 209.

7.1.3 Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within 500 words)

Solid waste management (Degradable and non-degradable waste)

Waste Management (General Waste Dumping Area)

General Waste Management of MGM Medical College & Hospital as per norms of Panvel Municipal Corporation Waste Management. (govt. norms)

As per guide lines of general waste management all waste should be segregated into two categories-

- Dry waste
- Wet waste

(Note :-It is mandatory to segregate the waste from generation point)

Waste Management (General Waste Dumping Area)

- Cleaning and disinfect the general waste dumping area on daily basis.
- Weighing of General Waste on daily basis (Dry & Wet).
 - Dry Waste Daily basis Entire Campus -249.5 kg
 - Wet waste like food waste-176.18 Kg per day Entire Campus
- Cleaning and disinfect the general waste dumping area on daily basis.
- Out Sourced to Enviro Care Recycling Private Limited.
- Following steps and action have been taken for proper Disposal of General Waste:
 - For proper management and disposal of waste, all planning and work monitoring by MGM Medical College & Hospital Waste Management Committee under the supervision of (Chief Administrative officer, Chairperson of committee), Miss (Health Inspector, committee secretary), (Housekeeping Supervisor, committee member).
- Monthly training given to all housekeeping supervisors and workers.
- Display of waste segregation information posters.
- Distribution of trolley dustbins for carrying out the waste near general dumping area.
- Briefing about waste segregation and proper disposal of waste is given to housekeeping workers.

Solid waste management

- MGM Medical College and Hospital
- Composting Area (Biodegradable Waste)
- Compost is made by decomposing organic materials into simpler organic and inorganic compounds by the microorganism in a process called composting.
- Steps of Composting Process, Segregated wet waste, kitchen waste, canteen and mess wet waste (leftover food) has been dumped in compost pits.
- After filling the compost pit with wet waste, pits were covered by garden waste (leaves, grass etc.) and manure culture mixed soil layer.
- Some Benefits of Composting
- Reduce Land filling
- Creates Nutrients rich soil- Compost increase the quality of soil by increasing the amount of organic materials and micronutrients.
- Help to reduce Gross Greenhouse Gas Emissions.
- Positively affects Air Quality.
- Averts garden pests
 - Neutralizes soil- Adding compost to soil helps to regulate the acid and alkaline levels in soil.
 - Increase biodiversity.
 - Reduces Erosion.
 - Cost effective.



Solid waste Management - General Waste Dumping - Dry & Wet Segregation



Waste Recycling - Compost Method



Weighing of general Dry Waste



Wet Waste Disposal Area-Compost Area



Compost Area- Compost pits



Ready for use manure

Liquid Waste Management-

For Liquid Waste Management campus has Sewage Treatment Plant with capacity of 4 Lakh liter. All toilets drainage outlet pipeline connected with STP by concreted cover drainage system. Water collected in a close concreted chamber and send for treated in Sewage Treatment Plant. per day approximately 2 lakh liter sewage water treated in STP plant, also recycled treated sewage water reuse in the horticulture and toilets flush purpose.



Liquid Waste Management - Sewage Water Treatment Plant

11.05.2023 – Liquid Waste Management – Currently construction of new STP capacity 400KLD and ETP 25000 KLD (Effluent Treatment plant) on progress.

STP for sewage waste water management.

ETP- for chemical waste and laundry waste.,for radio waste arrangement on progress out source.



Bio-Medical Waste Management of the Campus.

Bio Medical Waste Storage & Management System



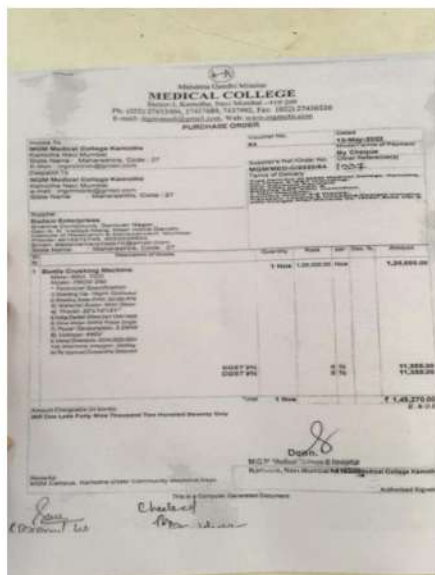
- 1- Bio Medical Waste collect & Storage room
- 2- Weighing of Bio Medical Waste
- 3- Handling of Bio Medical waste with use safety measures
- 4- storage of waste during carrying out waste from the wards
- 5- Waste Management Vehicle taken away waste for final disposal

- Bio Medical Waste collection & Storage room
- Weighing of Bio Medical Waste
- Handling of Bio Medical waste with use safety measures
- Storage of waste during carrying out waste from the wards
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E-

waste management



Outsource MOU signed with Envirocare Recycling Private limited registered on dated 01.12.2018 under registrar of companies the duration of this agreement shall we for and initial period of 5 yrs from the date of the execution of the agreement.

Waste Recycling System


1. **Compost unit** – using all bio degradable solid waste to convert in manure, all ready manure use in campus garden
2. **Plastic Bottle crushing machine** - Purchase order placed (Customization of machine as per requirement is done and the machine has been installed at suitable place. For using of machine, training program on progress.



Photos of Plastic Bottle Crushing Machine




**Health Inspector
Community Medicine
MGM MC NM**


**Head of the Department
Community Medicine
MGM MC NM**

**Mr. Anurag & Head
Dept of Community Medicine
M.G. Medical College,
Kamothe, Navi Mumbai-410209**