



KAKATIYA MEDICLEAN SERVICES

☎ : 9346788523

COMMON BIO-MEDICAL WASTE TREATMENT AND DISPOSAL FACILITY

(Authorised by Telangana State Pollution Control Board)

1-7-629/2, Subedari, Hanumakonda - 506 001, Telangana.

website: www.kakatiyamediclean.com, mail: services@kakatiyamediclean.com

Date: 17.03.2025

To,
The Environmental Engineer,
Regional Office,
Telangana Pollution Control Board,
Hanumakonda-506001.

Respected Sir,

Sub: Submission of BMW Annual Report form-IV for the year 2024– reg.

We are here with submitting the Bio-medical waste annual report in the prescribed format i.e., form IV for the year 2024. This is for your kind information.

Thanking you sir,

for KAKATIYA MEDICLEAN SERVICES,

Yours Sincerely,


G. CHANDRA MOHAN
Managing Partner

Copy to:
The Member Secretary, TGPCB, Hyderabad

Received copy

OFFICE OF THE
ENVIRONMENTAL ENGINEER
Telangana Pollution Control Board
Regional Office: #1-8-269, Balasamudram
Hanumakonda-506 001. Ph:0870-2577269

From -IV
(See rule 13)
Annual Report

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the Occupier of Health Care Facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

| Sl.No | Particulars | |
|-------|---|--|
| 1. | Particulars of the Occupier | : |
| | (i) Name of the authorized person (occupier or operator of facility) | : GADIPELLI CHANDRA MOHAN Managing Partner |
| | (ii) Name of HCF or CBMWTF | : M/s.Kakatiya Mediclean Services |
| | (iii) Address for Correspondence | : #1-7-629/2, Habēeb Villa, Hanumakonda, -506001, Telangana State |
| | (i) Address of Facility | : Sy.No.240, Ammavaripet(V), Hanumakonda District, Telangana. |
| | (ii) Tel. No. Fax. No. | : 9849009040, 9346788523 |
| | (V) E-mail ID | : chandukee@gmail.com |
| | (i) URL of Website | : www.kakatiyamediclean.com |
| | (ii) GPS coordinates of HCF of CBMWTF | : Latitude-17.942237 Longitude-79.564669 |
| | (iii) Ownership of HCF of CBMWTF | : Private |
| | (iv) Status of Authorization under the Bio-Medical Waste (Management and Handing) Rules. | : Authorisation No: 883/TSPCB/HO/WGL/CFO- BMWM/CBMWTF-2020-280, dated:06.06.2020 Valid Up to:17.05.2025 |
| | (v) Status of Consents under Water Act and Air Act. | : Valid Up to:17.05.2025 |
| 2. | Type of Health Care Facility | : |
| | (i) Bedded Hospital | : NA |
| | (ii) Non-Bedded Hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other) | : NA |
| | (iii) License number and its date of expiry. | : NA |
| 3. | Details if CBMWTF | : |
| | (i) Number healthcare facilities covered by CBMWTF | : 904 HCF's |
| | (ii) No. of beds covered by CBMWTF | : 12043 Beds |
| | (iii) Installed treatment and disposal capacity of CBMWTF | : 1) 150 kg/hr 2) 100 kg/hr |
| | (iv) Quantity of biomedical waste treated or disposal by CBMWTF | : 1168 kg/day |
| 4. | Quantity of waste generated or disposed in Kg per annum (on monthly average basis) | : Yellow Category:29547 kgs/month Red Category: 3023 kgs/month Blue Category:2333 kgs/month White Category: 106 kgs/month General Solid Waste: NA |
| 5. | Details of the Storage ,treatment, transportation, processing and Disposal Facility | : |
| | (i) Details of the on-site storage facility | : |
| | (ii) Details of the treatment or disposal | : Type of treatment No Capacity Quantity of (Kg/day) treated or |

| | Units | disposed In kg per |
|--|-------|---|
| Annum | | |
| Incinerators | 2 | 100 kgs/hr 29547 150kgs/hr kgs/month |
| Plasma Pyrolysis Autoclaves | 1 | 416 ltrs 5462.91 kgs/month |
| Microwave Hydroclave Shredder | 1 | 300 kgs/hr 5462.91 kgs/month |
| Needle tip cutter or Destroyer Sharps Encapsulation or Concrete pit Deep burial pits: Chemical Disinfection: Any other treatment Equipment: | | 106 kgs/month |
| (iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum. | : | 65555 Kgs/annum 5462.91 Kgs/month 182.097 Kgs/day |
| (iv) No of vehicles used for collection and transportation of biomedical waste. | : | 7 Nos |
| (v) Details of incineration ash and ETP sludge generated and disposal during the treatment of wastes in Kg per annum) | | Ash 1932 Kgs/month ETP Sludge 71 Kgs/month |
| (vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of | : | N. Raviteja |
| (vii) List of member HCF not handed over bio-medical waste. | : | ----- |
| 6. Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period. | : | ----- |
| 7. Detail trainings conducted on BMW | | |
| (i) Number of training conducted on BMW Management. | | 102 |
| (ii) Number of personnel trained | | 768 |
| (iii) Number of personnel trained at the time of induction | | 371 |
| (iv) Number of personnel not had undergone any training so far. | | ----- |
| (v) Whether standard manual for training is available? | | Yes(Format Available) |
| (vi) Any other information) | | |

| | | |
|-----|---|---|
| 8. | Details of the accident occurred during the year | ----- |
| | Number of Accidents occurred | ----- |
| | (i) Number of the persons affected | ----- |
| | (ii) Remedial Action taken (Please attach details if any) | ----- |
| | (iii) Any Fatality occurred, details. | ----- |
| 9. | Are you meeting the standards of air Pollution from the incinerator?. How many times in last year could not meet the standards? | Yes |
| | Details of Continuous online emission monitoring systems installed | Online Gas Analyser connected to CPCB & SPCB Servers. Supplier: Vaasthi Engineers Pvt. Ltd. Parameters: CO, CO2, Primary Chamber & Secondary Chamber Temperatures, Hcl, SPM, NO_x |
| 10. | Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year. | Floor Washings, Vehicle Washings, Scrubber & Droplet Seperator. Treated in Effluent Treatment Plant with Collection tank, Aeration tank & Secondary Settling tank followed by Sludge Drying Bed. Further extending the ETP by adopting Reedbed Technology. |
| 11. | It the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year? | NA |
| 12. | Any other relevant information | (Air Pollution Control Devices attached with the Incinerator)- Ash Quencher, Venturi Scrubber and Droplet Seperator. |

Certified that the above report is for the period from January 2024 to December 2024

Date: 17.03.2025
Place: Hanumakonda

For: Kakatiya Mediclean Services
Name and Signature of the Head of the Institution

Managing Partner

Form IVA
[See rule 13(2)]

Format for Submission of the Annual Report Information on Bio-medical Waste Management
(to be submitted by the State Pollution Control Boards or Pollution Control Committees and Director General Armed Forces Medical Services to Central Pollution Control Board on or before 31st July of every year for the period from January to December of the preceding calendar year)

Part-1 (Summary of Information)

| | | | |
|----|--|---|--|
| 1 | Name of the Organisation | : | M/s. KAKATIYA MEDICLEAN SERVICES |
| 2 | Name of the Nodal Officer with contact telephone number and e-mail | : | Gadipelli Chandra Mohan, 9849009040, chandukee@gmail.com |
| 3 | Total no. of Health Care Facilities / Occupiers | : | 904 HCF's |
| | (i) Bedded Hospitals and Nursing Homes (bedded) | : | 500 |
| | (ii) Clinics, dispensaries | : | 332 |
| | (iii) Veterinary institutions | : | |
| | (iv) Animal houses | : | 63 |
| | (v) Pathological laboratories | : | 9 |
| | (vi) Blood banks | : | |
| | (vii) Clinical establishment | : | |
| | (viii) Research Institutions | : | |
| | (ix) AYUSH | : | |
| 4 | Total no. of beds | : | 12043 |
| 5 | Status of authorisation | : | |
| | (i) Total number of Occupiers applied for authorisation | : | |
| | (ii) Total number of Occupiers granted authorisation | : | |
| | (iii) Total number of application under consideration | : | |
| | (iv) Total number of applications rejected | : | |
| | (v) Total number of Occupiers in operation without applying for authorisation | : | |
| 6 | Quantity of Bio-medical Waste Generation (in kg/day) | : | |
| | (please enclose District Wise Bio-medical Waste Generation as per Part-2) | : | 1168 kgs/day |
| | (i) Bio-medical waste generation by bedded hospitals(in kg/day) | : | 892 kgs/day |
| | (ii) Bio-medical waste generation by non-bedded hospitals (in kg/day) | : | 276 kgs/day |
| | (iii) Any other | : | |
| 7 | Bio-medical waste treatment and disposal | : | kg/day |
| | (a) By Captive bio-medical waste treatment and disposal by Health Care Facilities (please enclose details as per Part-3) | : | |
| | (i) Number of Health Care Facilities having captive treatment and Disposal facilities | : | |
| | (ii) Total bio-medical waste treated and disposed by captive treatment facilities in kg/day | : | kg/day |
| | (b) Bio-medical waste treatment and disposal by Common Bio Medical Waste Treatment Facilities (please enclose details as per Part 4) | : | |
| | (i) Number of Common Bio Medical Waste Treatment Facilities in Operation | : | 1 |
| | (ii) Number of Common Bio Medical Waste Treatment Facilities under construction | : | |
| | (iii) Total bio-medical waste treated in kg/day | : | 1168 kg/day |
| | (iv) Total treated bio-medical waste disposed through authorised recyclers (in kg/day) | : | 182.097 kg/day |
| 8 | Total no. of violation by | : | |
| | (i) Health Care Facilities (bedded and non-bedded) | : | Bedded: |
| | (ii) Common Bio Medical Waste Treatment Facilities | : | Non Bedded: |
| | (iii) Others (please specify) | : | 1 |
| 9. | Show cause notices/directions issued to defaulters | : | |

- (i) Health Care Facilities (bedded and non-bedded)
- (ii) Common Bio Medical Waste Treatment Facilities
- (iii) Others

10 Any other relevant information

- (i) Number of workshops / trainings conducted during the year
- (ii) Number of occupiers installed liquid waste treatment facility
- (iii) Number of captive incinerators complying to the norms
- (iv) Number of occupiers organised trainings
- (v) Number of occupiers constituted Bio-medical Waste Management Committees
- (vi) Number of occupiers submitted Annual Report for the previous calendar year
- (vii) Number of occupiers practising pre-treatment of lab microbiology and Bio-technology waste
- (viii) Number of Common Bio Medical Waste Treatment Facilities that have installed Continuous Online Emission Monitoring Systems

Part 2:
District-wise Bio-medical Waste Generation (for the previous calendar year 2024)

| S. No | Name of the State / Union Territory | Name of the District | Bio-medical Waste Generation (In Kg/day) | Existing Total bio-medical waste treatment capacity (both captive and CBMWTF)in kg/day | |
|-------|-------------------------------------|----------------------------------|--|--|--------------|
| | | | | Equipment | Total |
| 1 | Telangana | Hanamkonda District | 710 | Incinerator | 542 |
| | | | | Autoclave | 168 |
| | | | | Deep Burial | |
| | | | | Any other | |
| | | | | Equipment | Total |
| 2 | Telangana | Warangal District | 168 | Incinerator | 110 |
| | | | | Autoclave | 58 |
| | | | | Deep Burial | |
| | | | | Any other | |
| | | | | Equipment | Total |
| 3 | Telangana | Jangaon District | 132 | Incinerator | 106 |
| | | | | Autoclave | 26 |
| | | | | Deep Burial | |
| | | | | Any other | |
| | | | | Equipment | Total |
| 4 | Telangana | Mahabhubabad District | 89 | Incinerator | 59 |
| | | | | Autoclave | 30 |
| | | | | Deep Burial | |
| | | | | Any other | |
| | | | | Equipment | Total |
| 5 | Telangana | Jayashanker Bhupalpally District | 54 | Incinerator | 34 |
| | | | | Autoclave | 20 |
| | | | | Deep Burial | |
| | | | | Any other | |
| | | | | Equipment | Total |
| 6 | Telangana | Mulugu District | 15 | Incinerator | 11 |
| | | | | Autoclave | 4 |
| | | | | Deep Burial | |
| | | | | Any other | |
| | | | | Equipment | Total |

**Part 3 :
Information on Health Care Facilities having captive treatment facilities (for the previous calendar Year 2024)**

| S. No | Name and address of the Health Care Facility | Quantity of Bio-medical Waste Generation (in kg/day) | | | | | Total Installed Treatment Capacity in kg/day | | | | Total biomedical waste treated and disposed by Health Care Facilities in kg/day |
|-------|--|--|-----|------|-------|--|--|-----------|-------------|-----------|---|
| | | Yellow | Red | Blue | White | Total biomedical waste generated (in kg/day) | Incinerator | Autoclave | Deep Burial | Any other | |
| | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |

**Part 4:
Information on Common Bio-Medical Waste Treatment and Disposal Facilities (for the previous calendar Year 2024)**

| S. No | Name and Address of the Common Bio Medical Waste Treatment Facilities with contact person name and telephone | GPS Coordinates | Coverage Area in KMS | Name of the cities/ areas covered by Common Bio-Medical Waste Treatment Facilities | Total number of Health Care Facilities being covered | Total number of beds covered | Total Quantity of Bio-Medical Waste collected from member Health Care Facilities (In Kg/day) | Capacity of Treatment equipments installed by Common Bio Medical Waste Treatment Facilities | | | Total Bio-Medical waste treated in kg/day | Method of Disposal of treated wastes (Incineration Ash/Sharps/Plastics) |
|---|--|---|----------------------|--|--|------------------------------|--|---|---------|-----------------------------------|---|--|
| | | | | | | | | Equipment | Numbers | Total installed capacity (kg/day) | | |
| 1 | M/s. Kakatiya Mediclean Services Sy No.240 Ammavaripet(V), Hanamakonda, Warangal (Urban), Telangana | Latitude- 17.942237 Longitude- 79.564669 | 320 Kms | Hanamakonda Warangal Jangaon District Mahabubabad District Jayashankar Bhupalpally Dist Mulugu District | 379 | 5333 | 710 | Incinerator Plasma Ryrolysis Autoclave Hydroclave Microwave Shredder Sharps encapsulation or concrete pit Deep burial pits Any other equipment Effluent Treatment Plant Sub-total | 2 | 100kgs/hr 150kgs/hr | 29547 kgs/month 984.9 kgs/day | Ramky Enviro Engineers, Hyderabad Quantity: Disposed by: Subramanyeshwa ra Plastic Scrap Industry, Mahaboobnagar Quantity: Disposed by: Plastics: Subramanyeshwa ra Plastic Scrap Industry, Mahaboobnagar |
| | | | | | 239 | 3922 | 168 | | | | | |
| | | | | | 119 | 934 | 132 | | | | | |
| | | | | | 105 | 1230 | 89 | | | | | |
| | | | | | 35 | 303 | 54 | | | | | |
| | | | | | 27 | 321 | 15 | | | | | |
| | | | | | 1 | 1 | 5462.91 kgs/month 182.097 kgs/day | | | | | |
| | | | | | 1 | 1 | 9587 Kgs/month 319.5 kgs/day | | | | | |
| | | | | | | | 1932 kgs/month 64.4 kgs/day | | | | | |
| | | | | | | | ETP Sludge: 71 kgs/month 2.3 kgs/day | | | | | |
| Total Number of transportation vehicles used for collection of Bio-medical Waste on daily basis by the Common Bio-Medical Waste Treatment Facilities: | | | | | | | | | | | 7 | |

BIO MEDICAL WASTE GENERATION DURING THE YEAR 2024

| Name of the Month | Incinerable Waste in Kgs | Autoclave Waste in Kgs | | | Solid Waste in Kgs | |
|----------------------|--------------------------|------------------------|---------------|----------------|--------------------|------------|
| | Yellow Category | Red Category | Blue Category | White Category | Ash | ETP Sludge |
| January '2024 | 29815 | 2512 | 2412 | 85 | 1870 | 82 |
| February '2024 | 28894 | 2102 | 2145 | 112 | 1937 | 83 |
| March '2024 | 29551 | 3112 | 2547 | 126 | 1937 | 65 |
| April '2024 | 29889 | 3875 | 2684 | 145 | 1984 | 63 |
| May '2024 | 28756 | 3145 | 2245 | 98 | 1928 | 70 |
| June '2024 | 29885 | 2458 | 2456 | 102 | 1921 | 87 |
| July '2024 | 29668 | 3551 | 2548 | 96 | 1879 | 63 |
| August '2024 | 29968 | 3112 | 2154 | 114 | 1989 | 68 |
| September '2024 | 29857 | 2284 | 2124 | 128 | 1939 | 66 |
| October '2024 | 29845 | 2764 | 2192 | 98 | 1968 | 69 |
| November '2024 | 28997 | 2685 | 2147 | 84 | 1847 | 67 |
| December '2024 | 29441 | 4681 | 2344 | 88 | 1979 | 67 |
| Total | 354566 | 36281 | 27998 | 1276 | 23178 | 850 |
| Average/Month | 29547 | 3023 | 2333 | 106 | 1932 | 71 |
| Average/day | 985 | 101 | 78 | 4 | 64 | 2 |

For: Kakatiya Mediclean Services

Managing Partner

Form - 5
[See rule 10]

DETAILS OF ACCIDENT

1. Date and time of the accident:
2. Sequence of the events leading to accident:
3. The hazardous waste involved in accident.
4. The data for assessing the effects of the accidents on health or the environment
5. The emergency measures taken
6. The steps taken to alleviate the effects of accidents.
7. The steps to prevent the recurrence of such an accident.

_____ *NA* _____
[Place: *Hasumakonda*
Date: *17.03.2025*

For: Kakatiya Medicines Services
Signature: *[Signature]*
Designation: *Managing Partner*]

[a] Ins. Vide S.O.24(E) dated: 6-1-2000.

Note:- Form 6 substituted and forms 6A, 7, 7A, 8, 9 and 10 ins. Vide S.O.24(E) dated: 6-1-2000.