



ALLURI SITARAMA RAJU EDUCATIONAL SOCIETY

Alluri Sitarama Raju Academy of Medical Sciences (ASRAM)

N.H.5, Malkapuram, ELURU - 534 004, W.G.District, A.P.
Ph.No.: (08812) 288288, 288299 Fax : 08812 - 224322



Dt:10-02-2020,
Eluru.

To
The Environmental Engineer,
A.P. Pollution Control Board,
Eluru.

Sir,

Sub: M/s.Alluri Sitarama Raju Academy of Medical Sciences –Eluru-
Submission of Biomedical Waste annual report for the year 2020-
Reg.

Under the subject and the reference cited above, we are herewith submitting the Bio-Medical Waste annual report for the year 2020.

This is for your information and kind perusal.

Thanking You

For Alluri Sitarama Raju Educational Society


Dr.K.Hanumantha Rao
Chief Executive Officer



FORM-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) | : | Dr.K.Hanumantha Rao |
| | (ii) Name of HCF | : | ASRAM MEDICAL COLLEGE & HOSPITAL |
| | (iii) Address for correspondence | : | MALKPURAM, ELURU |
| | (iv) Address for Facility | : | MALKPURAM, NH-5,ELURU W.G.Dist Pin: 534005 |
| | (v) Tel.No, Fax.No | : | 08812-288 288 |
| | (vi) E-mail ID | : | <u>cao@asram.in</u> |
| | (vii)URL of Website of HCF | : | <u>www.asram.in</u> |
| | (viii)GPS coordinates of HCF | | |
| | (ix) Ownership of HCF | : | PRIVATE |
| | (x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules | : | Authorization No: APPCB/VSP/ELR/1200/CFO/HO/2019 Valid up to: 31-01-2024 |
| | (xi). Status of Consents under Water Act and Air Act | : | |
| 2. | Type of Health Care Facility | : | |
| | (i) Bedded Hospital | : | 1000 Bedded |
| | (ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or | | YES |

| | | | | | | | |
|----|--------------------------------------------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|----|----|----------|----------|
| | Veterinary Hospital or any other) | | | | | | |
| | (iii) License number and its date of expiry | : | Rc.No:4314/M2-I/2017 Date of Expiry: 19-11-2022 | | | | |
| 3. | Details of CBMWTF | | | | | | |
| | (i) Number healthcare facilities covered by CBMWTF | : | 01 | | | | |
| | (ii) No of beds covered by CBMWTF | : | 1000 | | | | |
| | (iii) Installed treatment and disposal capacity of CBMWTF | | _____ Kg/day | | | | |
| | (iv) Quantity of biomedical waste treated or disposed By CBMWTF | : | 264.72 kg/day | | | | |
| 4. | Quantity of waste generated or disposed in Kg per annum (on monthly average basis | : | Yellow Category: Kg/month: Non Covid:935 kg per month COVID-19:16337.7 kg per Month | | | | |
| | | | Red Category: NON COVID: 1293.75 kg per month COVID-19: 1199.52 kg per month | | | | |
| | | | White Category: 43.9 kg per month | | | | |
| | | | Blue Category: 188.4 kg per month | | | | |
| | | | General Solid Waste: 9.5 Tonnes per month | | | | |
| 5. | Details of the Storage, treatment, transplantation, processing and Disposal Facility | | | | | | |
| | (i) Details of the on-site storage facility | Size | : 12' x 14' SFT | | | | |
| | | Capacity | : | | | | |
| | | Provision of on-site storage | : (cold storage or any other provision) | | | | |
| | Disposal facilities | | | | | | |
| | | Type | of | No | of | Capacity | Quantity |

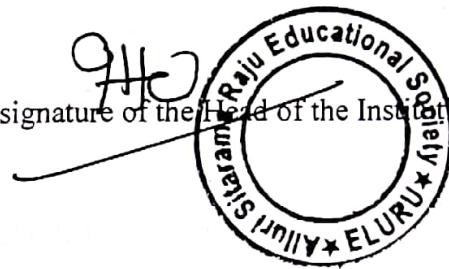
| | | treatment equipment | units | Kg/day | treated or disposed in Kg per annum |
|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|-----------------|--------|-------------------------------------|
| | | Incinerators | | | - |
| Plasma Pyrolysis | | | - | | |
| Autoclaves | | | - | | |
| Microwave | | | - | | |
| Hydroclave | | | - | | |
| Shredder | | | - | | |
| Needle tip cutter or destroyer | | | - | | |
| Sharps | | | - | | |
| Encapsulation or concret pit | | | - | | |
| Deep burial pits | | | - | | |
| Chemical Disinfection | | | - | | |
| Any other treatment Equipment | | | - | | |
| (iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in Kg per annum. | Red Category (like plastic, glass etc.) | | | | |
| (iv) No of vehicles used for collection and transportation of biomedical waste | - | | | | |
| (v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum. | | Quantity Generated | Where Generated | | |
| | Incineration Ash | | - | | |
| | ETP Sludge | | - | | |
| (vi) Name of the common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of | SAFENVIRON AND ASSOCIATES | | | | |
| (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 meeting held during the reporting period. | YES |
| 7. | Details trainings conducted on BMW | |
| | (i) Number of trainings conducted on BMW Management. | YEARLY 12 TIMES |
| | (ii) Number of personnel trained | Nursing :345 House Keeping :425 |
| | (iii) Number of personnel trained at the time of induction | Nursing: 55 House Keeping:60 |
| | (iv) Number of personnel not undergone any training so far | NIL |
| | (v) Whether standard manual for training is available? | YES |
| | (vi) any other information | |
| 8. | Details of the accident occurred during the year | |
| | (i) Number of Accidents occurred | - |
| | (ii) Number of the persons affected | - |
| | (iii) Remedial Action taken (Please attach details if any) | - |
| | (iv) Any Facility occurred, details. | |
| 9. | Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards? | |
| | Details or continuous online emission monitoring systems installed | |
| 10. | Liquid waste generated and treatment methods in place.How many times you | HCF have STP& ETP STP:1250KLD |

| | | |
|-----|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| | have not met the standards in a year? | ETP:15KLD Treated effluent used for green belt |
| 11. | Is the disinfection method or sterilization meeting the log 4 standards ? How many times you have Not met the standards in a year? | - |
| 12. | Any other relevant information | - |

Certified that the above report is for the period from JANUARY 1ST 2020 TO DECEMBER 31ST 2020.

Name and signature of the Head of the Institution



Date:

Place: MALKAPURAM

BIO - WASTE ANNUAL REPORT -2020
NON COVID

| S.No | Month | Yellow In Kgs | Red In Kgs | White In Kgs | Blue In Kgs | Average per Day |
|------|----------------------|------------------|---------------|-----------------|----------------|--------------------|
| 1 | JANUARY | 830.18 | 1218.2 | 39.18 | 111.18 | 73.29 |
| 2 | FEBRUARY | 1451 | 2097 | 72 | 386 | 143.07 |
| 3 | MARCH | 1355 | 1680.3 | 57 | 248.5 | 111.36 |
| 4 | APRIL | 104 | 179.3 | 7.4 | 8.1 | 9.96 |
| | TOTAL | 3740 | 5175 | 175.6 | 753.8 | |
| | AVERAGE PER MONTH | 935 | 1293.75 | 43.9 | 188.45 | |

BIO - WASTE ANNUAL REPORT -2020
COVID-19

| | | | | | | |
|----|----------------------|-----------------|----------------|---|---|---------|
| 5 | APRIL | 1176.6 | 42 | - | - | 40.62 |
| 6 | MAY | 2690.7 | 366.1 | - | - | 101.89 |
| 7 | JUNE | 12585.5 | 1317.4 | - | - | 463.43 |
| 8 | JULY | 46188.4 | 3152.7 | - | - | 1644.70 |
| 9 | AUGUST | 21171.5 | 948.1 | - | - | 737.32 |
| 10 | SEPTEMBER | 23756.5 | 1648.5 | - | - | 846.83 |
| 11 | OCTOBER | 18464.4 | 1581.9 | - | - | 668.21 |
| 12 | NOVEMBER | 14353.4 | 832.7 | - | - | 506.20 |
| 13 | DECEMBER | 6652.4 | 906.3 | - | - | 251.95 |
| | TOTAL | 147039.4 | 10795.7 | - | - | |
| | AVERAGE PER MONTH | 16337.7 | 1199.52 | - | - | |

