

EHS/APPCB/2024-065

June 20<sup>th</sup>, 2024

To,  
The Environmental Engineer,  
A.P. Pollution Control Board,  
D.No. 33-26-14 D/2,  
Near Sunrise Hospital,  
Pushpa Hotel Centre,  
Chalamalavari Street,  
Kasturibaipet, Vijayawada – 520010

Sir,

Sub: Coromandel International Limited, Shriharipuram, Malkapuram (post),  
Visakhapatnam (d) - Submission of Annual report (in Form-IV) as per Bio-Medical Waste  
Management Rules, 2016 -Regarding.

Ref: BMW Authorization order No: PCB/ROVSP/BMW/HCE-348/2022-593 Date: 23/02/2022.

With reference to the above subject, please find here with the enclosed annual report (in Form-IV) pertaining to the period from 1<sup>st</sup> January 2023 to 31<sup>st</sup> December 2023 for your perusal and records.

Kindly acknowledge the receipt of same.


Thanking you,

Yours faithfully,

For Coromandel International Limited.

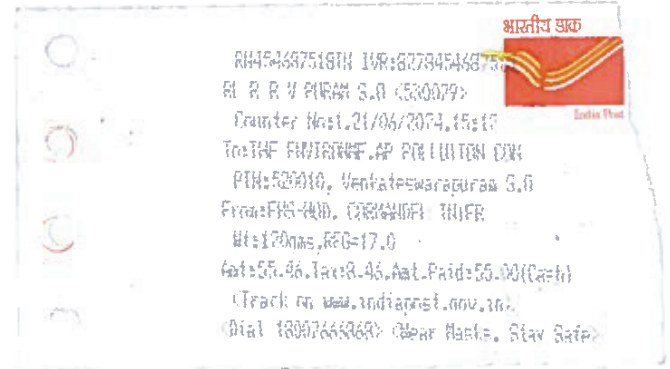


**Gnanasundaram M**  
VP- Head Manufacturing

  
NAG/DNR

Encl. As above

CC to: The Environmental Engineer, APPCB, Regional Office, Visakhapatnam



## EHS2-Vizag-Coromandel

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**From:** Nagarjuna-P-Mgr-EHS-Vizag-Coromandel  
**Sent:** 22 June 2024 12:39  
**To:** 'rovspappcb@gmail.com'  
**Cc:** EHS2-Vizag-Coromandel; Nageswara Rao G-AsstMgr-EHS-Vizag-Coromandel; Subhradip Mondal-Mgr-Environment-Vizag-Coromandel; Nagaraju D-AGM-EHS-Vizag-Coromandel; Vinod Kumar Mishra-Sr.GM-EHS-Vizag-Coromandel  
**Subject:** Reg. Submission of Bio medical waste annual report of form-iv for the period of April 2023- Mar 2024  
**Attachments:** Bio-Medical Waste Annual Report (Form - IV).pdf

Dear Sir,

Herewith submitting **Bio medical waste annual report of form-iv for the period of April 2023- Mar 2024** by Coromandel International Limited, Visakhapatnam.

Same original copy along with backup documents send to head office, Vijayawada through register post.  
Same copy again submitted to your regional office , Visakhapatnam on **21.06.2024** as per your instruction.

Regards,  
Nagarjuna P  
Manager-Environment  
9100443439

**SAVE ENVIRONMENT SAVE LIFE**

  
**Coromandel**  
FUTURE POSITIVE  
**Coromandel International Limited**  
Sriharipuram, Malkapuram PO  
Visakhapatnam-530 011  
Andhrapradesh, India.  
F: +91 891-2578400  
W: [www.coromandel.biz](http://www.coromandel.biz)  
A MURUGAPPA GROUP COMPANY



EHS/APPCB/2024-065

June 20<sup>th</sup>, 2024

To,  
The Environmental Engineer,  
A.P. Pollution Control Board,  
D.No. 33-26-14 D/2,  
Near Sunrise Hospital,  
Pushpa Hotel Centre,  
Chalamalavari Street,  
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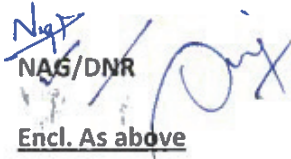
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Thanking you,

Yours faithfully,  
For Coromandel International Limited.



**Gnanasundaram M**  
VP- Head Manufacturing

  
NAG/DNR  
Encl. As above

CC to: The Environmental Engineer, APPCB, Regional Office, Visakhapatnam

**FORM – IV**

(See rule 13)

**ANNUAL REPORT**

[To be submitted to the prescribed authority on or before 30<sup>th</sup> June every year for the period from January to December of the preceding year, by the occupier of a 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)	: Mr. Gnanasundaram M. Vice President & Head Manufacturing
(ii) Name of HCF or CBMWTF	: Coromandel International Limited, Visakhapatnam.
(iii) Address for Correspondence	: Coromandel International Limited, Sriharipuram, Malkapuram Post, Visakhapatnam Andhra Pradesh, India.530011
(iv) Address of Facility	: Same as above
(v) Tel. No, Fax. No	: Tel.No: 91-891-2578400
(vi) E-mail ID	: gnanasundaram@coromandel.murugappa.com>
(vii) URL of Website	: www. Coromandel.murugappa.com
(viii) GPS coordinates of HCF or CBMWTF	: Latitude : 17.6979298 Longitude : 83.2335803
(ix) Ownership of HCF or CBMWTF	: <del>(State Government or Private or Semi Govt. or any other)</del>
(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	: Authorization No.: Order No: PCB/ROVSP/BMW/HCE-348/2022-593 Date: 23/07/2022. Valid up to 30/06/2027 A copy herewith enclosed as Annexure I
(xi). Status of Consents under Water Act and Air Act	: Water Act: APPCB/VSP/65/CFO/HO/1967 Dt.04/08/2023 validity up to 31/08/2027. Air Act : APPCB/VSP/65/CFO/HO/1967 Dt.04/08/2023 validity up to 31/08/2027.
2.	Type of Health Care Facility
(i) Bedded Hospital	: It is Occupational Health Center, First Aid treatment only.
(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:
(iii) License number and its date of expiry	---
3.	Details of CBMWTF
(i) Number healthcare facilities covered by CBMWTF	: Not Applicable (BMW is disposed off to CBMWTF for treatment & disposal)
(ii) No of beds covered by CBMWTF	: Not Applicable (BMW is disposed off to CBMWTF for treatment & disposal)

	(iii) Installed treatment and disposal capacity of CBMWTF:	:	_____ Kg per day			
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	_____ Kg/day (BMW is disposed off to CBMWTF for treatment & disposal)			
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category: 82.35 kg's/ Annum Red Category: 47.48 kg's/ Annum White Category: 23.15 kg's/ Annum Blue Category: 24.79 kg's/ Annum General Solid waste: NA Category wise monthly disposal summary along with destruction certificates herewith enclosed as Annexure II & IIA			
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility					
	(i) Details of the on-site storage facility	:	Size: 10 Square meter Capacity: 100 Kgs Provision of on-site storage: (cold storage or any other provision): Secure storage			
	(ii) Details of the treatment or disposal facilities	:	Type of treatment equipment	No of units	Capacity Kg/day	Quantity treated and disposed in Kg per annum
			Incinerators Plasma Pyrolysis Autoclaves Microwave Hydroclave Shredder Needle tip cutter or destroyer	Not Applicable	Not Applicable	
			Sharps encapsulation or concrete pit	Nil	Not Applicable	
			Deep burial pits: Chemical disinfection: Any other treatment equipment:	Nil	Not Applicable	
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	:	Not Applicable (BMW is disposed off to CBMWTF for treatment & disposal)			

	(iv) No of vehicles used for collection and transportation of biomedical waste	:	Not Applicable (BMW is disposed off to CBMWTF for treatment & disposal)
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		Quantity generated Where disposed Incineration Ash ETP Sludge
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	M/s Vasishta Enviro Care, De-Notified Care, Atchuthapuram (M), Visakhapatnam. Ph: 2723904 Mob: 7337409946
	(vii) List of member HCF not handed over bio-medical waste.	:	Not applicable
6.	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	:	Yes Minutes of Meeting held on 13.06.2023 & 16.12.2023 herewith enclosed as Annexure-III
7.	Details trainings conducted on BMW		
	(i) Number of trainings conducted on BMW Management.	:	02 (herewith enclosed as Annexure-IV)
	(ii) number of personnel trained	:	10
	(iii) number of personnel trained at the time of induction	:	51
	(iv) number of personnel not undergone any training so far	:	We have provided training to all relevant staff who handle Biomedical waste in the Organization and also implemented BMW induction training for new joiners.
	(v) whether standard manual for training is available?	:	Yes, we have standard operating procedure for training.
	(vi) any other information)	:	---
8.	Details of the accident occurred during the year		
	(i) Number of Accidents occurred	:	No accidents occurred during the year
	(ii) Number of the persons affected	:	Not applicable
	(iii) Remedial Action taken (Please attach details if any)	:	Not applicable
	(iv) Any Fatality occurred, details.	:	Not applicable
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	:	Not applicable
	Details of Continuous online emission monitoring systems installed	:	Not applicable

10.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	Not applicable
11.	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	:	Yes, the disinfection method meeting the log 4 standard.  No, such conditions were not recorded after disinfection.
12.	Any other relevant information	:	(Air Pollution Control Devices attached with the Incinerator) Not applicable.

Certified that the above report is for the period from January 1, 2023 to December 31, 2023



**M. Gnanasundaram**  
Vice President & Head Manufacturing

Date: 20<sup>th</sup> June 2024

Place: Sriharipuram, Visakhapatnam (d).

(Name and Signature of the Head of the Institution)





# ANDHRA PRADESH POLLUTION CONTROL BOARD

## REGIONAL OFFICE: VISAKHAPATNAM

D.No. 39-33-20/4/1, Madhavadhara Vuda Colony,  
Visakhapatnam - 530018,  
Phone No. 0891 - 2755356, Email Id : [rovsnappcb@gmail.com](mailto:rovsnappcb@gmail.com)

### BIO -MEDICAL WASTE AUTHORISATION

(Issued under Rule 10 of the Bio-Medical Waste Management Rules, 2016)

(Authorisation for operating a facility for generation, collection, reception, treatment, storage, transport and disposal of biomedical wastes)

Order PCB/ROVSP/BMW/HCE-348/2022-593

Date: 23-07-2022

1. M/s Occupational Health Centre an occupier or operator of the facility located at Coromandel International Ltd., Sriharipuram, Malkapuram Post, Visakhapatnam is hereby granted an authorization for:

Activity	Please tick
Generation, segregation	( <input checked="" type="checkbox"/> )
Collection,	( <input checked="" type="checkbox"/> )
Storage	( <input checked="" type="checkbox"/> )
Packaging	( <input checked="" type="checkbox"/> )
Reception	( <input type="checkbox"/> )
Transportation	( <input type="checkbox"/> )
Treatment or processing or conversion	( <input type="checkbox"/> )
Recycling	( <input type="checkbox"/> )
Disposal or destruction	( <input type="checkbox"/> )
Use	( <input type="checkbox"/> )
Offering for sale, transfer	( <input type="checkbox"/> )
Any other form of handling	( <input type="checkbox"/> )

2. M/s Occupational Health Centre is hereby authorized for handling of biomedical waste as per the capacity given below:

- (i) Number of beds of HCF: 07 No
- (ii) Quantity of Biomedical waste handled treated or disposed:

Type of Waste Category	Quantity permitted for Handling
Yellow	10.0 Kgs/Month
Red	20.0 Kgs/Month
White (Translucent)	5.0 Kgs/Month
Blue	10.0 Kgs/Month

3. This authorization shall be in force for a period of 5 Years i.e., up to 30.06.2027.

4. This authorisation is subject to the conditions stated below and to such other conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.

Date: 23/07/2022  
Place: Visakhapatnam

ENVIRONMENTAL ENGINEER (EAC)

23-07-22  
Environmental Engineer  
A.P. Pollution Control Board  
Regional Office, Visakhapatnam

## **TERMS AND CONDITIONS OF AUTHORISATION**

### **SCHEDULE - A**

1. The authorised person shall comply with the rules of Bio-Medical Waste Management Rules, 2016 and the amendments made there under from time to time.
2. The authorised person should handle the waste without any adverse effects to human health and the Environment.
3. Take all necessary steps to ensure that bio-medical waste is handled without any adverse effect to human health and the environment and in accordance with these rules;
4. The Bio-Medical Waste shall not be mixed with other wastes.
5. The Bio-Medical Waste shall be segregated into containers / bags at the point of generation in accordance with Schedule - I of the Notification prior to its storage, transportation, treatment and disposal. The containers shall be labeled according to Schedule - IV of the Notification.
6. If a container is transported from the premises where Bio-Medical Waste is generated to any waste treatment facility outside the premises, the container shall, apart from the label prescribed in Schedule - IV of the Notification, also carry information prescribed in Schedule - IV of the Notification.
7. Notwithstanding anything contained in the Motor Vehicles Act, 1988, or Rules there under, untreated Bio-Medical Waste shall be transported only in such vehicle as may be authorised for the purpose by the Competent Authority as specified by the Government.
8. The person authorised under these Rules shall not lease, sell, transfer or otherwise transport the Bio-Medical Wastes without obtaining prior permission of the Member Secretary, Andhra Pradesh Pollution Control Board.
9. An application for the renewal of authorisation shall be made as laid down in Rule 10 and Form II of the Rules.
10. Every occupier/operator shall submit an annual report to the Member Secretary, Andhra Pradesh Pollution Control Board in Form - IV by 30<sup>th</sup> June every year, containing information about the categories and quantities of Bio-Medical Wastes handled during the preceding year.
11. Every HCE shall maintain a daily record of waste generation quantity either in volume or by weight in kg/day as follows:
  - a. Human anatomical /Animal anatomical/solid waste/expired and discarded medicines, Chemical liquid etc. (Yellow Bag)
  - b. Contaminated waste(recyclable) (Red Bag)
  - c. Waste Sharps including metals etc. ( White translucent Puncture Proof Bags)
  - d. Glassware, Metallic body implants (Blue Bag)
12. Every authorized person shall maintain records related to the generation, collection, reception, storage, transportation, treatment, disposal and / or any form of handling of Bio-Medical Waste in accordance with these Rules and any guidelines issued.
13. All records shall be subject to inspection and verification by the Member Secretary, Andhra Pradesh Pollution Control Board, or authorized officer of A.P.Pollution Control Board at any time.
14. The Applicant shall exhibit the Authorisation of the Board in the premises at a prominent place for the information of inspecting officer of different Departments.
15. The applicants shall inform the Prescribed Authority, the name and designation of the concerned person in-charge of Bio-Medical Waste Management in the Health Care Establishment. This person shall be held responsible for the implementation of the Bio-Medical Waste Management Rules, 2016.

## SCHEDULE - B

1. The HCF shall obtain valid registration certificate from DM & HO and submit the copy to the Board from time to time and also obtain other necessary approvals from the Concerned Authorities as per Bio-Medical Waste Management Rules, 2016 failing which this BMW Authorization stands cancelled.
2. Biomedical waste shall be treated and disposed in accordance with Schedule - I (Part I & II) and in compliance with standards provided in Schedule II of the Bio-Medical Waste Management Rules, 2016 should be carried out at source only. Only Yellow, Red, Blue, non chlorinated bags shall be used for collection of BMW.
3. Make a provision within the premises for a safe, ventilated and secured location for storage of segregated biomedical waste in colored bags or containers in the manner as specified in Schedule I, to ensure that there shall be no secondary handling, pilferage of recyclables or inadvertent scattering or spillage by animals and the bio-medical waste from such place or premises shall be directly transported in the manner as prescribed in these rules to the common bio-medical waste treatment facility or for the appropriate treatment and disposal, as the case may be, in the manner as prescribed in Schedule I;
4. Pre-treat the laboratory waste, microbiological waste, blood samples and blood bags through disinfection or sterilization on-site in the manner as prescribed by the World Health Organization (WHO) or National AIDs Control Organization (NACO) guidelines and then sent to the common bio-medical waste treatment facility for final disposal;
5. Phase out use of chlorinated plastic bags, gloves and blood bags within two years from the date of notification of BMW Rules, 2016.
6. Dispose of solid waste other than bio-medical waste in accordance with the provisions of respective waste management rules made under the relevant laws and amended from time to time;
7. Not to give treated bio-medical waste with municipal solid waste;
8. Provide training to all its health care workers and others, involved in handling of bio medical waste at the time of induction and thereafter at least once every year and the details of training programmers conducted, number of personnel trained and number of personnel not undergone any training shall be provided in the Annual Report;
9. Immunize all its health care workers and others, involved in handling of bio-medical waste for protection against diseases including Hepatitis B and Tetanus that are likely to be transmitted by handling of bio-medical waste, in the manner as prescribed in the National Immunization Policy or the guidelines of the Ministry of Health and Family Welfare issued from time to time;
10. Establish a Bar- Code System for bags or containers containing bio-medical waste to be sent to CBMWTF within one year from the date of the notification of these rules;
11. Ensure segregation of liquid chemical waste at source and ensure pre-treatment or neutralization prior to mixing with other effluent generated from health care facilities;
12. Ensure treatment and disposal of liquid waste in accordance with the Water (Prevention and Control of Pollution) Act, 1974 ( 6 of 1974);
13. Ensure occupational safety of all health care workers and others involved in handling of biomedical waste by providing appropriate and adequate personal protective equipments;
14. Conduct health check up at the time of induction and at least once in a year for all its health care workers and others involved in handling of bio- medical waste and maintain the records for the same;
15. Maintain and update on day to day basis the bio-medical waste management register and display the monthly record on its website according to the bio-medical waste generated in terms of category and colour coding as specified in Schedule I;

16. Report major accidents including accidents caused by fire hazards, blasts during handling of biomedical waste and the remedial action taken and the records relevant thereto, (including nil report) in Form I to the prescribed authority and also along with the annual report;
17. Make available the annual report your official web-site within two years from the date of notification of BMW Rules, 2016;
18. Inform the Prescribed Authority i.e, APPCB immediately in case the Operator of a common facility does not collect the bio-medical waste within 48 hours or as per the agreed time;
19. Establish a system to review and monitor the activities related to bio-medical waste management, either through an existing committee or by forming a new committee and the Committee shall meet once in every six months and the record of the minutes of the meetings of this committee shall be submitted along with the annual report to the prescribed authority.
20. Maintain all record for operation of incineration, hydro or autoclaving etc., for a period of five years;
21. All plastic bags shall be as per BIS standards as and when published, till then the prevailing Plastic Waste Management Rules shall be applicable.
22. Dead Fetus below the viability period (as per the Medical Termination of Pregnancy Act, 197, amended from time to time) can be considered as human anatomical waste. Such waste should be handed over to the operator of common bio medical waste treatment and disposal facility in yellow bag with a copy of the official Medical Termination of Pregnancy certificate from the Obstetrician or the Medical Superintendent of hospital or health care establishment.
23. Cytotoxic drug vials shall not be handed over to unauthorized person under any circumstances. These shall be sent back to the manufacturers for necessary disposal at a single point. As a second option, these may be sent for incineration at common bio medical waste treatment and disposal facility or TSDFs or plasma pyrolysis is at temperature  $>1200^{\circ}\text{C}$ .
24. Residual or discarded chemical wastes, used or discarded disinfectants and chemical sludge can be disposed at hazardous waste treatment, storage and disposal facility. In such, the waste should be sent to hazardous waste treatment, storage and disposal facility through operator of common bio medical waste treatment and disposal facility only.
25. Syringes should be either mutilated or needles should be cut and or stored in tamper proof, leak proof and puncture proof containers for sharps storage. Wherever the occupier is not linked to a disposal facility it shall be the responsibility of the occupier to sterilize and dispose in the manner prescribed.
26. The Occupier shall hand over segregated waste as per the Schedule-I to common bio-medical waste treatment facility for treatment, processing and final disposal.
27. Every occupier shall phase out use of non-chlorinated plastic bags within two years from the date of publication of these rules and after two years from such publication of these rules, the chlorinated plastic bags shall not be used for storing and transporting of bio medical waste and the occupier or operator of a common bio medical waste treatment facility shall not dispose of such plastics by incineration and the bags used for storing and transporting bio medical waste shall be in compliance with the Bureau of Indian Standards. Till the standards are published, the carry bags shall be as per the Plastic Waste Management Rules, 2016.
28. The Occupier shall maintain a record of recyclable wastes which are auctioned or solid and the same shall be submitted to the prescribed authority as part of its annual report. The record shall open for inspection by the prescribed authorities.
29. Segregation of the waste in accordance with Schedule – I of the Bio-Medical Waste Management Rules, 2016 should be carried out at source.
30. Chemical treatment should be carried out using at least 1% Hypochlorite Solution or any other equivalent chemical reagent. It must be ensured that chemical treatment ensures disinfection.


31. No untreated Bio-Medical Waste shall be kept stored beyond a period of 48 hours.
32. The Mercury spillage / losses due to breakage of Thermometers, pressure and other measuring equipment in Health Care Establishments shall be collected stored and send back to the manufacturers.
33. The occupier of HCE shall take all necessary measures to ensure that the spilled mercury does not become part of bio-medical or other solid waste generated from the HCE.
34. The occupier of HCE shall dispose any waste containing equal to or more than 50mg/Kg of Mercury, as per the provisions of Hazardous and other wastes (Management & Transboundary Movement) Rules, 2016 and amendments thereof.
35. The Bio Medical Waste shall be disposed for treatment after disinfection and segregation to the following Common Bio-Medical Waste Treatment Facility.

**M/s. Vasista Enviro Care,  
De-Notified Area, APSEZ,  
Atchutapuram (M),  
Visakhapatnam District**

36. No Health Care Establishment shall install or operate an incinerator without specific Authorization of Prescribed Authority.
37. Under no circumstances shall incinerable waste of the Schedule I of the Rules of 2016 of any kind be openly burnt anywhere.
38. The effluents generated from the hospital should conform to the standards prescribed in schedule - II of Bio-Medical Waste Management Rules, 2016.
39. The applicant shall make an application for renewal of authorization under Bio-Medical Waste Management Rules, 2016 at least 120 days before the date of expiry of this order, along with prescribed fee.
40. The applicant shall obtain consent for operation under Water (Prevention & Control of Pollution) Act 1974 and Air (Prevention & Control of Pollution) Act 1981.
41. The HCE should provide adequate fire protection equipment (such as smoke detectors, fire extinguishers, sand bucket, fire alarm, water sprinklers etc) at salient places within the HCEs even at Bio Medical Waste storage area, in accordance with fire safety regulations and the HCE should obtain certificate from fire department.

**ANY CONTRAVENTION OF THE CONDITIONS OR DIRECTIONS OF  
AUTHORISATION WILL ATTRACT PROSECUTION UNDER THE PROVISIONS OF  
THE ENVIRONMENT (PROTECTION) ACT, 1986.**

**To  
The Occupier,  
M/s Coromandel International Ltd.,  
Sriharipuram, Malkapuram Post,  
Visakhapatnam**

  
**ENVIRONMENTAL ENGINEER (FAC)**  
22.07.22  
Environmental Engineer  
A.P. Pollution Control Board  
Regional Office, Visakhapatnam

### Annexure-II

Summary of BMW disposed to CBMWTF from Jan 2023 to Dec 2023

Month	Disposed Quantity				
	Yellow Category	Red Category	White Category	Blue Category	Total quantity
Jan-23	33.42	7.96	1.36	1.24	43.97
Feb-23	5.40	4.54	1.27	0.99	12.19
Mar-23	4.90	2.57	1.35	1.22	10.04
Apr-23	4.52	2.92	1.57	1.83	10.84
May-23	2.68	1.99	1.65	2.63	8.95
Jun-23	3.38	3.02	1.86	1.96	10.22
Jul-23	7.80	9.34	2.87	2.01	22.01
Aug-23	9.17	5.66	4.78	5.58	25.18
Sep-23	2.92	2.41	1.97	1.92	9.21
Oct-23	4.23	4.01	2.25	2.34	12.83
Nov-23	1.78	1.24	1.16	1.67	5.86
Dec-23	2.15	1.85	1.07	1.4	6.47
<b>Monthly Average</b>	<b>6.86</b>	<b>3.96</b>	<b>1.93</b>	<b>2.07</b>	<b>14.81</b>
<b>Total</b>	<b>82.35</b>	<b>47.48</b>	<b>23.15</b>	<b>24.79</b>	<b>177.77</b>

\* All values expressed in Kgs



# VASISHTA ENVIRON CARE

To:

Coromandel International Limited,

Sriharipuram, Malkapuram,

Visakhapatnam.

Sub: - Disposal Certificate for the Month of JAN - 2023

Bio Medical Waste Disposal details for the month of JAN-2023					
Date	Yellow colour quantity in gms	Red colour quantity in gms	Blue colour quantity in gms	White colour quantity in gms	Total Qty.
05-01-2023	1,890	1,899	156	250	4195
11-01-2023	2,908	1,345	110	310	4,673
13-01-2023	5,365	750	123	150	6388
18-01-2023	3,470	986	121	116	4693
20-01-2023	3,758	835	121	120	4834
23-01-2023	3,456	740	210	189	4595
27-01-2023	6676	660	205	105	7646
31-01-2023	5897	740	190	115	6942
FA	33420gms	7955gms	1236gms	1355gms	43966gms

Thanking You

For Vasishta Environ Care  
  
 Authorised Signature  
 VISAKHAPATNAM

# VASISHTA ENVIRON CARE

To,

Coromandel International Limited,

Sriharipuram, Malkapuram,

Visakhapatnam.

Sub: - Disposal Certificate for the Month of FEB – 2023

Bio Medical Waste Disposal details for the month of FEB -2023					
Date	Yellow colour quantity in gms	Red colour quantity in gms	Blue colour quantity in gms	White colour quantity in gms	Total Qty.
03-02-2023	1,180	880	210	110	2380
07-02-2023	680	740	130	240	1,790
10-02-2023	720	840	120	280	1960
13-02-2023	660	520	190	105	1475
15-02-2023	580	420		120	1120
20-02-2023	620	330	105	115	1170
24-02-2023	530	410	135	105	1180
27-02-2023	430	395	100	190	1115
TOTAL	5400gms	4535gms	990gms	1265gms	12190gms

Thanking You

For Vasishta Environ Care

Authorized Signature





# VASISHTA ENVIRON CARE

To:

Coromandel International Limited,

Sriharipuram, Malkapuram,

Visakhapatnam.

Sub: - Disposal Certificate for the Month of MAR - 2023

## Bio Medical Waste Disposal details for the month of MAR-2023

Date	Yellow colour quantity in gms	Red colour quantity in gms	Blue colour quantity in gms	White colour quantity in gms	Total Qty.
03-03-2023	680	850	230	340	2100
08-03-2023	940	360	210	390	1,900
11-03-2023	680	390	95	105	1270
15-03-2023	710	210	115	210	1245
21-03-2023	650	370	210	104	1334
24-03-2023	700	190	110	90	1090
28-03-2023	540	200	250	110	1100
TOTAL:	4900gms	2570gms	1220gms	1349gms	10039gms

Thanking You

For Vasishta Environ Care



Authorised Signature

Plot No.27A25, Denotified Area APSEZ, Lalam Koduru Village, Rambilli Mandal, Visakhapatnam, Andhra Pradesh

Email : vasishtaenvironcarevsp@gmail.com, Ph : 7337332344

# VASISHTA ENVIRON CARE

To,

Coromandel International Limited,

Sriharipuram, Malkapuram.

Visakhapatnam.

Sub: Disposal Certificate for the Month of April-2023.

Bio Medical Waste Disposal details for the month of APR - 2023						
Date	Yellow colour quantity In gms	Red colour quantity in gms	White colour quantity in gms	Total Qty generated in gms	Total Qty disposed in gms	
01-04-2023	1,050	750	550	220	2,570	2,570
05-04-2023	650	540	190	440	1,820	1,820
12-04-2023	710	510	210	330	1,760	1,760
19-04-2023	550	340	110	240	1,240	1,240
21-04-2023	800	350	360	120	1,630	1,630
28-04-2023	760	430	410	220	1,820	1,820
TOTAL	4520gms	2920gms	1830gms	1570gms	10,840gms	10,840gms

Thanking You,

For Vasishta Environ Care



Authorized Signature

# VASISHTA ENVIRON CARE

To,

Coromandel International Limited,

Sriharipuram, Malkapuram.

Visakhapatnam.

Sub: Disposal Certificate for the Month of may - 2023.

Bio Medical Waste Disposal details for the month of MAY - 2023						
Date	Yellow colour quantity In gms	Pink colour quantity In gms	Blue colour quantity In gms	White colour quantity In gms	Total Qty generated in gms	Total Qty disposed in gms
02-05-2023	405	334	398	295	1,432	1,432
05-05-2023	396	315	405	195	1,311	1,311
11-05-2023	405	256	401	246	1,308	1,308
16-05-2023	357	254	340	195	1,146	1,146
19-05-2023	255	198	295	164	912	912
23-05-2023	340	220	320	160	1,040	1,040
26-05-2023	310	210	270	190	980	980
29-05-2023	215	199	205	205	824	824
TOTAL	2683gms	1986gms	2634gms	1650gms	8,953gms	8,953gms

Thanking You,

For Vasishta Environ Care



Authorized Signature

# VASISHTA ENVIRON CARE

To,

Coromandel International Limited,

Sriharipuram, Malkapuram.

Visakhapatnam.

Sub: Disposal Certificate for the Month of June - 2023.

Bio Medical Waste Disposal details for the month of JUNE - 2023						
Date	Yellow colour quantity in gms	Red colour quantity in gms	Blue colour quantity in gms	White colour quantity in gms	Total Qty generated in gms	Total Qty disposed in gms
02-06-2023	195	220	174	195	784	784
03-06-2023	295	335	231	234	1,095	1,095
06-06-2023	395	256	331	231	1,213	1,213
09-06-2023	532	315	185	115	1,147	1,147
12-06-2023	534	398	215	232	1,379	1,379
16-06-2023	435	396	296	315	1,442	1,442
20-06-2023	320	410	220	117	1,067	1,067
23-06-2023	375	295	115	210	995	995
27-06-2023	295	391	195	215	1096	1096
TOTAL	3376gms	3016gms	1962gms	1864gms	10218gms	10218gms

Thanking You,

For Vasishta Environ Care



# VASISHTA ENVIRON CARE

To,

Coromandel International Limited,

Sriharipuram, Malkapuram.

Visakhapatnam.

Sub: Disposal Certificate for the Month of JULY - 2023.

Bio Medical Waste Disposal details for the month of JULY - 2023						
DATE	Yellow colour quantity in gms	Red colour quantity in gms	Blue colour quantity in gms	White colour quantity in gms	Total Qty generated in gms	Total Qty disposed in gms
01-07-2023	370	270	272	195	1,107	1,107
04-07-2023	375	310	195	176	1,056	1,056
07-07-2023	410	217	295	115	1,037	1,037
12-07-2023	295	205	310	157	967	967
19-07-2023	1390	1290	210	170	3,060	3,060
26-07-2023	2375	2376	300	295	5,346	5,346
28-07-2023	1295	3280	228	1590	6,393	6,393
31-07-2023	1290	1390	195	169	3,044	3,044
TOTAL	7800gms	9338gms	2005gms	2867gms	22,010gms	22,010gms

Thanking You,

For Vasishta Environ Care



Authorized Signature

# VASISHTA ENVIRON CARE

To,  
Coromandel International Limited,  
Sriharipuram, Malkapuram.  
Visakhapatnam.

Sub: Disposal Certificate for the Month of Aug - 2023.

Bio Medical Waste Disposal details for the month of AUG - 2023						
DATE	Yellow colour quantity in gms	Red colour quantity in gms	Blue colour quantity in gms	White colour quantity in gms	Total Qty. Generated in gms	Total Qty. Disposed in gms
01-08-2023	1,590	1211	1340	980	5,121	5,121
04-08-2023	1784	1134	1210	1070	5,198	5,198
08-08-2023	2150	1050	1150	990	5,340	5,340
10-08-2023	2145	990	790	840	4,765	4,765
16-08-2023	530	340	398	219	1,487	1,487
24-08-2023	480	400	374	305	1,559	1,559
25-08-2023	101	150	201	123	575	575
30-08-2023	390	382	115	252	1,139	1,139
TOTAL	9170 gms	5657 gms	5578 gms	4779 gms	25184 gms	25184 gms

Thanking You,

For Vasishta Environ Care



Authorized Signature

# VASISHTA ENVIRON CARE

To,

Coromandel International Limited,

Sriharipuram, Malkapuram,

Visakhapatnam.

Sub: Disposal Certificate for the Month of SEP - 2023.

Bio Medical Waste Disposal details for the month of SEP - 2023						
DATE	Yellow colour quantity in gms	Red colour quantity in gms	Blue colour quantity in gms	White colour quantity in gms	Total Qty.Generated in gms	Total Qty disposed in gms
05-09-2023	410	375		270	1,365	1,365
08-09-2023	205	275	291	191	962	962
12-09-2023	213	310	193	210	926	926
15-09-2023	240	193	180	176	789	789
19-09-2023	310	205	171	150	836	836
22-09-2023	417	198	130	163	908	908
27-09-2023	318	215	140	210	883	883
29-10-2023	415	319	295	305	1,334	1,334
30-10-2023	390	315	210	296	1,211	1,211
TOTAL	2918gms	2405gms	1920gms	1971gms	9,214gms	9,214gms

Thanking You,

For Vasishta Environ Care



Authorized Signature

# VASISHTA ENVIRON CARE

To:

Coromandel International Limited,  
Sriharipuram, Malka Puram,  
Visakhapatnam.

Sub :- Disposal Certificate For The Month Of OCT-2023

Bio Medical Waste Disposal details for the month of OCT- 2023					
Date	Yellow colour quantity In grams	Red colour quantity In grams	Blue colour quantity in grams	White colour quantity in grams	Total Qty.
03-10-2023	740	840	515	310	2,405
06-10-2023	680	740	574	410	2,404
10-10-2023	794	680	345	305	2,124
13-10-2023	594	540	206	310	1,650
17-10-2023	494	395	195	210	1,294
20-10-2023	325	275	166	199	965
24-10-2023	210	231	146	232	819
27-10-2023	391	310	194	274	1,169
TOTALS	4,228 g	4,010 g	2,341 g	2,250 g	12,830 g

Thanking You.,

For Vasishta Environ Care,  
  
Authorized Signature.



# VASISHTA ENVIRON CARE

To:

Coromandel International Limited,

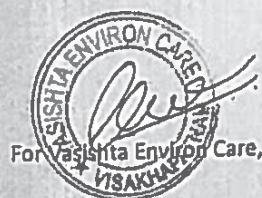
Sriharipuram, Malka Puram,

Visakhapatnam.

Sub :- Disposal Certificate For The Month Of Nov -2023

Bio Medical Waste Disposal details for the month of NOV- 2023					
Date	Yellow colour quantity in grams	Red colour quantity in grams	Blue colour quantity in grams	White colour quantity in grams	Total Qty.
01-11-2023	210	190	165	103	668
08-11-2023	310	395	290	295	1,290
18-11-2023	290	130	296	195	911
21-11-2023	350	145	310	180	985
24-11-2023	330	210	355	176	1,071
28-11-2023	290	174	255	212	931
TOTALS	1,780 g	1,244 g	1,671 g	1,161 g	5,856 g

Thanking You.,



Authorised Signature.

# VASISHTA ENVIRON CARE

To:

Coromandel International Limited,  
Sriharipuram, Malka Puram,  
Visakhapatnam.

Sub :- Disposal Certificate For The Month Of Dec -2023

Bio Medical Waste Disposal details for the month of DEC- 2023					
Date	Yellow colour quantity In grams	Red colour quantity In grams	Blue colour quantity In grams	White colour quantity In grams	Total Qty.
01-12-2023	312	289	210	119	930
05-12-2023	298	198	283	134	715
08-12-2023	210	234	115	196	755
15-12-2023	317	298	110	153	878
19-12-2023	213	194	294	113	814
22-12-2023	198	145	114	105	562
26-12-2023	296	240	164	134	834
29-12-2023	310	250	115	112	787
TOTALS	2,154 g	1,848 g	1,405 g	1,066 g	6,473 g

Thanking You.,

  
For Vasishta Environ Care,  
VISAKHAPATNAM

Authorised Signature.



**Coromandel International Limited**  
**BMW Management Committee Meeting Agenda**

**Date: 12.06.2023**

<b>Date: 13.06.2023</b>	<b>Day: Tuesday</b>	<b>Time: 10.30:00 hrs.</b>
<b>Venue: Admin Conference Hall</b>		


- 01) Review of BMW Management SOP & Existing procedures.
- 02) Review of Bio Medical Waste condition wise compliance.
- 03) Suggestions and Recommendations by Committee Members.

All the BMW Management Committee Members are requested to note the agenda and attend the Meeting without fail.

Regards,

Dr Uday Kumar T  
Secretary – BMW Committee

CC To: All Notice Boards.  
HOD's for information and necessary co-ordination.

 <b>Coromandel</b>		<b>MINUTES OF BIOMEDICAL WASTE MANAGEMENT(BMW) COMMITTEE MEETING</b>			
Meeting No.: 01		Held On: 13.06.2023			
S. No	Discussion Points	Recommended Action	Person Responsible	Target Date	Status
01	Review about previous Bio medical waste management committee meeting points.	Discussed each pointwise status.	HOD-EHS Department	30/06/2023	Completed
02	Review about previous submission annual returns to the APPCB as per new BMW Rules-2016 in Form-IV	Discussed each pointwise status.	HOD-EHS Department	30/06/2023	Completed
03	One of the committee Member raised that Cotton swabs are thrown outside dustbin	Chairman instructed to CMO to keep separate dustbins during Medical Examination	CMO	30/06/2023	Completed








Prepared By: Dr Uday Kumar T



Approved By: D. Nagaraju

**MEETING ON BIO MEDICAL WASTE MANAGEMENT COMMITTEE**

**Date of Meeting: 13.06.2023**

S. No	Name of the Member	Designation	Department	Role in the Committee	Sign
1	Mr. Nagaraju D	AGM	Head- EHS	Chairman	
2	Dr Uday Kumar T	CMO	OHC	Secretary	
3	Dr Hemanth Kumar K	CMO	OHC	Secretary	
4	P Nagarjuna	Manager	EHS	Member	
5	Miss . K Vani	Staff Nurse	OHC	Member	
6	Mr. Shaik Ansar Jama	Emergency Technician	OHC	Member	



**Coromandel International Limited**  
**BMW Management Committee Meeting Agenda**

**Date: 15.12.2023**

<b>Date: 16.12.2023</b>	<b>Day: Saturday</b>	<b>Time: 10.30:00 hrs.</b>
<b>Venue: Admin Conference Hall</b>		

- 01) Review of Bio Medical Waste condition wise compliance.
- 02) Suggestions and Recommendations by Committee Members.


All the BMW Management Committee Members are requested to note the agenda and attend the Meeting without fail.

Regards,



**Dr Uday Kumar T**  
**Secretary – BMW Committee**

CC To: All Notice Boards.  
HOD's for information and necessary co-ordination.

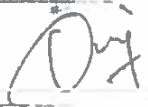
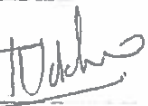


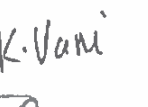

 <b>Coromandel</b> <small>FUTURE POSITIVE</small>		MINUTES OF BIOMEDICAL WASTE MANAGEMENT(BMW) COMMITTEE MEETING			
Meeting No.: 02		Held On: 16.12.2023			
S. No	Discussion Points	Recommended Action	Person Responsible	Target Date	Status
01	Handling of Bio Medical waste for Housekeeping Staff	Training for House Keeping Staff	CMO	27.12.2023	Training given
02	One of the committee Member raised yearly health checkup of all personnel handling BMW is being carried out & up to date records maintained	Chairman instructed to doctor to make sure schedule of all staff during the next half year was finalized & intimated to all concerned	CMO	27.12.2023	Health checkup done
03	Conducting Classes on BMW disposal is made mandatory for every worker handling Bio Medical waste	Conducted regular classes to the Team regarding updated BMW disposal methods	CMO	20.02.2024	All are trained

  
 Prepared By: Dr. Uday Kumar T

  
 Approved By: Nagaraju D

**MEETING ON BIO MEDICAL WASTE MANAGEMENT COMMITTEE**

**Date of Meeting: 16.12.2023**

S. No	Name of the Member	Designation	Department	Role in the Committee	Sign
1	Mr. Nagaraju D	AGM	Head- EHS	Chairman	
2	Dr Uday Kumar T	CMO	OHC	Secretary	
3	Dr Hemanth Kumar K	CMO	OHC	Secretary	
4	P Nagarjuna	Manager	EHS	Member	
5	Miss . K Vani	Staff Nurse	OHC	Member	
6	Mr. Shaik Ansar Jama	Emergency Technician	OHC	Member	



Coromandel International Limited

**BMW OHC STAFF TRAINING**

DATE: 26.12.2023	Day : Tuesday	TIME: 01:00 PM
VENUE: O H C		

**STAFF PARTICULARS**

- 1) R P RAJU
- 2) G G B VARA PRASAD
- 3) S K ANSAR JAMA
- 4) RAVIKIRAN DASI
- 5) T MAHALAKSHMI NAIDU
- 6) B SRINIVASA RAO
- 7) S K DARIYA
- 8) B SURYAPRAKSAH
- 9) P NANIBABU
- 10) K VANI

E. P. Raju -  
G. G. B. Varas  
P. K. Ansari  
T. Mahalakshmi Naidu  
B. Srinivasa Rao  
S. K. Dariya  
B. Suryaprakash  
P. Nanibabu  
K. Vani

Regards,

  
Dr. Uday Kumar T

Secretary - BMW Committee

**OHC STAFF IMMUNIZATION DATA - 2023 (TYPHOID & HEPATITIS B)**

S.NO	NAME	HEPATITIS-B	BATCH NO	1ST DOSE	2ND DOSE	3RD DOSE	TYPHOID	BATCH NO	DATE	INJ T.T	BATCH NO	DATE
1	GGBV PRASAD	BEVAC	220500520D	17-10-2021	17-07-2021	17-07-2022	TYPBAR	54A22002A	17-08-2023	T.T	2115V	20-09-2023
2	RP RAJU	BEVAC	220500520D	17-10-2021	17-07-2021	17-07-2022	TYPBAR	54A22002A	17-08-2023	T.T	2115V	20-09-2023
3	SHAIK ANSAR	BEVAC	220500520D	17-10-2021	17-07-2021	17-07-2022	TYPBAR	54A22002A	14-06-2023	T.T	2115V	20-09-2023
4	D.RAVI KIRAN	BEVAC	220500520D	17-10-2021	17-07-2021	17-07-2022	TYPBAR	54A22002A	14-06-2023	T.T	2115V	20-09-2023
5	K.VANI	BEVAC	220500520D	17-10-2021	17-07-2021	17-07-2022	TYPBAR	54A22002A	14-06-2023	T.T	2115V	20-09-2023
6	BS RAO	BEVAC	220500520D	17-10-2021	17-07-2021	17-07-2022	TYPBAR	54A22002A	14-06-2023	T.T	2115V	20-09-2023
7	SURYA PRAKASH	BEVAC	220500520D	17-10-2021	17-07-2021	17-07-2022	TYPBAR	54A22002A	14-06-2023	T.T	2115V	20-09-2023
8	SHAIK DARIYA	BEVAC	220500520D	17-10-2021	17-07-2021	17-07-2022	TYPBAR	54A22002A	19-06-2023	T.T	2115V	20-09-2023
9	TM NAIDU	BEVAC	220500520D	17-10-2021	17-07-2021	17-07-2022	TYPBAR	54A22002A	19-06-2023	T.T	2115V	20-09-2023
10	VUAY	BEVAC	220500520D	17-10-2021	17-07-2021	17-07-2022	TYPBAR	54A22002A	19-06-2023	T.T	2115V	20-09-2023

Coromandel International Limited

BMW OHC STAFF TRAINING

DATE: 26.12.2023	Day : Tuesday	TIME: 01:00 PM
VENUE: O H C		

STAFF PARTICULARS

- 1) R P RAJU
- 2) G G B VARA PRASAD
- 3) S K ANSAR JAMA
- 4) RAVIKIRAN DAS
- 5) T MAHALAKSHMI NAIDU
- 6) B SRINIVASA RAO
- 7) S K DARIYA
- 8) B SURYAPRAKSAH
- 9) P NANIBABU
- 10) K VANI

E. & R. -  
G. -  
D. -  
T. -  
B. -  
S. -  
B. -  
P. -  
K. -

Regards

Dr. Uday Kumar T

Secretary - BMW Committee

**AWARENESS SESSION ON COMMUNICABLE DISEASES**

<b>Date -16.06.2023</b>	<b>DAY- FRIDAY</b>	<b>TIME-10 :00 AM</b>	<b>VENUE-OHC</b>
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S. No	Name of the Member	Designation	Department	Sign
1	RP RAJU	Health Assistant	OHC	R.P. Raju
2	GG B VARAPRASAD	Health Assistant	OHC	G.B. Varaprasad
3	SK ANSAR JAMA	Health Assistant	OHC	S.K. Ansari
4	RAVI KIRAN D	Health Assistant	OHC	R.K. D.
5	K VANI	Staff Nurse	OHC	K. Vani
6	NANI BABU	Lab Technician	OHC	P. Nani Babu
7	SK DARIYA	Ambulance Driver	OHC	S.K. Dariya
8	B SURYA PRAKASH	Ambulance Driver	OHC	B.S. Prakash

Regards,

  
**Dr Uday Kumar T**  
**Secretary- BMW Committee**