

DHS/APPCE/2023-45

June 15th, 2023

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

Sir,

Sub: Coromandel International Limited, Shriharipuram, Malkajgiri (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: 21/02/2022.

With reference to the above subject, please find here with the enclosed annual report (in Form-IV) pertaining to the period from 1st January 2022 to 31st December 2022 for your perusal and records.

Kindly acknowledge the receipt of same.

Thanking you,

Yours faithfully,

For Coromandel International Limited.



Gnanasundaram M
VP- Head Manufacturing



Encl. As above

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

FORM – IV
(See rule 23)
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 (CBMTF))

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 CBMTF	Coromandel International Limited, Visakhapatnam
(iii)	Address for Correspondence	Coromandel International Limited, Irithapuram, Markapuram 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 CBMTF	Latitude : 17.6979298 Longitude : 83.2335803
(ix)	Ownership of HCF or CBMTF	[State-Government or Private or Semi-Government-Other]
(x)	Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	Authorization No.: Order No: PCB/BDVSP/BIWW/HCE-348/2022-503 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.30/09/2022 validity up to 31/08/2027. Air Act : APPCB/VSP/65/CFO/HO/1967 Dt.30/09/2022 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 CBMTF	
(i)	Number healthcare facilities covered by CBMTF	Not Applicable (BMW is disposed off to CBMTF for treatment & disposal)
(ii)	No of beds covered by CBMTF	Not Applicable (BMW is disposed off to CBMTF for treatment & disposal)

	(iii) Installed treatment and disposal capacity of CBMWTF:	_____ kg per day Not Applicable		
	(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: 25.94 kg/s/ Annum Red Category: 25.4 kg/s/ Annum White Category: 15.68 kg/s/ Annum Blue Category: 18.22 kg/s/ Annum General Solid waste: NA Category wise monthly disposal summary along with destruction certificates herewith enclosed as Annexure II & III		
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility			
	(i) Details of the on-site storage facility	Size: 30 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
		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 Vaishta Enviro Care, De-Notified Care, Achuthapuram (M), Visakhapatnam. Ph: 2723504 Mob: 7337409946	
(vii) List of member KCF 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 21.12.2022 herewith enclosed as Annexure-III	
7. Details trainings conducted on BMW	:		
(i) Number of trainings conducted on BMW Management.	:	01 (herewith enclosed as Annexure-IV)	
(ii) number of personnel trained	:	10	
(iii) number of personnel trained at the time of induction	:	20	
(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 meet 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, 2022 to December 31, 2022



M. Ganarundaram
Vice President & Head Manufacturing

Date: 15th June 2023

Place: Sriharipuram, Vellore (d).

(Name and Signature of the Head of the Institution)

**ANDHRA PRADESH POLLUTION CONTROL BOARD****REGIONAL OFFICE: VISAKHAPATNAM**

Annexure - 01

B.No. 29-33-20/4/1, Madhavadhara Veda Colony,

Visakhapatnam - 530018.

Phone No. 0891 - 2755266, Email id: apppcb@vsnl.com**BIO - MEDICAL WASTE AUTHORIZATION**

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

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

Order PCB/BOVSP/BMW/HCE-348/2022-573

Date: 07-07-2022

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

Activity	Please tick
Generation, segregation	(☒)
Collection,	(☒)
Storage	(☒)
Packaging	(☒)
Reception	(☐)
Transportation	(☐)
Treatment or processing or conversion	(☐)
Recycling	(☐)
Disposal or destruction	(☐)
Use	(☐)
Offering for sale, transfer	(☐)
Any other form of handling	(☐)

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 IICP: 07 No
 (ii) Quantity of Biomedical waste handled/treated or disposed:

Type of Waste Category	Quantity permitted for Handling
Yellow	10.0 Kg/Month
Red	20.0 Kg/Month
White (Transfused)	5.0 Kg/Month
Blue	1.0 Kg/Month

3. This authorization shall be in force for a period of 5 Years i.e., up to 30.06.2027.
 4. This authorization 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: 07.07.2022
 Place: Visakhapatnam

 ENVIRONMENTAL ENGINEER (IAC)

26-07-22
 J. P. Subbarao, Director of Control
 Pollution Officer, 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 30th 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 /Anatomical anatomical/solid waste/expired and discarded medicines, Chemical liquid etc. (Yellow Bag)
 - b. Contaminated waste(recyclable) (Red Bag)
 - c. Waste Sharps including needles etc. (White translucent Puncture Proof Bags)
 - d. Glowers, 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 authorised 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 BMWM 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 programmes 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-disinfection 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 BWWM Rules, 2016;
18. Inform the Prescribed Authority i.e. APFCH 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 TSDPs or plasma pyrolysis is at temperature >1200°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 sold 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 60 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,
Ancharapuram (M),
Vishakhapatnam District

36. No Health Care Establishment shall install or operate an incinerator without specific Authorization of Fresh Air 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.


ENVIRONMENTAL ENGINEER (FAC)

23.07.21
Environmental Engineer
A.P. Pollution Control Board
Regional Office, Vishakhapatnam

To
The Occupier,
M/s Coromandel International Ltd.,
Sriharipuram, Malkapuram Port,
Vishakhapatnam

Annexure-II

Summary of BMW disposed to CBMWTF from Jan 2022 to Dec 2022

Month	Disposed Quantity				Total quantity
	Yellow Category	Red Category	White Category	Blue Category	
Jan-22	0.78	0.87	0.81	0.78	3.2
Feb-22	0.68	0.52	0.71	0.29	2.2
Mar-22	0.77	0.70	0.69	0.48	2.6
Apr-22	0.32	0.40	0.35	0.35	1.4
May-22	0.28	0.26	0.25	0.24	1.0
Jun-22	0.42	0.36	0.19	0.23	1.2
Jul-22	0.49	0.35	0.05	0.09	1.0
Aug-22	0.94	1.19	1.19	0.90	4.2
Sep-22	6.16	7.72	4.91	4.91	23.7
Oct-22	4.20	3.17	1.09	0.95	9.4
Nov-22	3.78	6.70	3.66	3.90	18.0
Dec-22	7.13	3.17	1.80	5.1	17.2
Total quantity	25.94	25.4	15.68	18.22	85.2
Monthly Average	2.16	2.12	1.31	1.52	7.10

* All values expressed in Kgs

VASISHTA ENVIRON CARE

Annexure -02(A)

To,

Commonwealth International Limited

Silcharpuram

Malkapuram

Vashtapuram.

Sub: Disposal Certificate for use Month of Jan-2022

Bio Medical Waste Disposal details for the month of JAN-2022

Date	Yellow colour quantity in gm	Red colour quantity in gm	Blue colour quantity in gm	White colour quantity in gm	Total Qty.
04-01-2022	129	130	98	70	429
07-01-2022	108	101	105	90	414
11-01-2022	113	90	113	104	420
14-01-2022	99	97	101	129	427
18-01-2022	100	120	99	190	519
25-01-2022	150	180	100	130	560
28-01-2022	79	200	160	90	529
TOTAL	789gm	879gm	809gm	779gm	3256gm

Thanking You

For Vasishta Environ Care



VASISHTA ENVIRON CARE

To,

Command International Limited

Saktigaram

Nalagarim

Vizianagaram.

Sub: Disposal Certificate for the Month of FEB-2022

Bio Medical Waste Disposal details for the month of FEB 2022					
Date	Yellow color quantity in gms	Red color quantity in gms	Blue color quantity in gms	White color quantity in gms	Total Qty.
03-02-2022	255	105	110	50	420
04-02-2022	75	98	125	45	343
15-02-2022	165	115	150	99	529
16-02-2022	171	105	145	49	470
21-02-2022	111	95	175	50	431
	687gms	518gms	705 gms	294gms	2199gms

Thanking You

For Vasishta Environ Care



Authorized Signature

VASISHTA ENVIRON CARE

To,
Command of International Limited
Sriharipuram
Malkapuram
Vizhappattanam.

Sub: Disposal Certificate for the Month of MAR- 2022

Bio Medical Waste Disposal details for the month of MAR 2022					
Date	Yellow color quantity in gms	Red color quantity in gms	Blue color quantity in gms	White color quantity in gms	Total Qty.
05-03-2022	151	153	90	90	484
10-03-2022	160	95	80	75	510
16-03-2022	130	175	175	90	670
19-03-2022	75	105	105	80	365
24-03-2022	180	75	175	90	520
26-03-2022	70	85	120	85	360
	766gms	688gms	685gms	475gms	2614gms

Thanking You

For VASISHTA ENVIRON CARE

Author's Signature

VASISHTA ENVIRON CARE

To

Communiel International Limited

Seshapuram, Melkajguda

Vasikapatnam.

Sub: - Disposal Certificate for the Month of April-22

Bio Medical Waste Disposal details for the month of APR 2022

Date	Yellow colour quantity in Gms	Red colour quantity in Gms	Blue colour quantity in Gms	White colour quantity in Gms	Total Qty.
07-04-2022	41	91	54	48	234
11-04-2022	30	44	56	43	173
12-04-2022	51	55	44	59	209
18-04-2022	65	46	25	40	176
22-04-2022	55	38	75	61	229
28-04-2022	34	56	40	50	180
30-04-2022	42	71	56	42	211
	318 gms	400 gms	350 gms	350 gms	1420 gms

Thanking You.



VASISHTA ENVIRON CARE

To,

Discomdel International Limited,

Winegarum, Mallapuram

Mudiyanchi

Sub : Disposal Certificate for the Month of MAY -2022

Bio Medical Waste Disposal details for the month of MAY 2022

Date	Yellow colour quantity in gms	Pink colour quantity in gms	Blue colour quantity in gms	White colour quantity in gms	Total Qty.
02-05-2022	57	58	60	45	221
04-05-2022	90	45	48	60	195
13-05-2022	43	49	75	45	212
19-05-2022	80	42	25	70	147
26-05-2022	75	60	48	38	205
	275gms	215gms	240gms	250gms	1070gms

Thanking You



VASISHTA ENVIRON CARE

To
Cromwell International Limited,
Srinagar, Malkapuram,
Vishakhapatnam.

Sub: Disposal Certificate for the Month of JUNE -2022

Bio Medical Waste Disposal details for the month of JUNE 2022

Date	Yellow colour quantity in gms	Red colour quantity in gms	Blue colour quantity in gms	White colour quantity in gms	Total Qty.
02-06-2022	55	60	40	60	215
08-06-2022	40	40	60	40	180
15-06-2022	45	50	75	45	215
20-06-2022	100	100	40	45	315
22-06-2022	50	70	10		130
27-06-2022	50				50
30-06-2022	75				75
	415gms	260gms	225gms	190gms	1090gms

Thanking You



VASISHTA ENVIRON CARE

To,

Centromed International Limited,

Sriharipuram, Mahabubnagar,

Vasikhapuram

Sub: - Disposal Certificate for the Month of JULY - 2022

Bio Medical Waste Disposal details for the month of JULY 2022					
Date	Yellow colour quantity in gms	Red colour quantity in gms	Blue colour quantity in gms	White colour quantity in gms	Total Qty
01-07-2022	90	40	10	30	170
05-07-2022	225	30	10		265
13-07-2022	130	140		20	290
20-07-2022	80	60	15		155
27-07-2022	120	30			150
	490gms	250gms	25gms	50gms	815gms

Thanking You



VASISHTA ENVIRON CARE

To:

Carwandel International Limited,

Sekharapuram, Mahabubnagar,

Wardhagurram.

Sub: - Disposal Certificate for the Month of AUG - 2022

Bio Medical Waste Disposal details for the month of AUG-2022

Date	Yellow colour quantity in gms	Red colour quantity in gms	Inst colour quantity in gms	White colour quantity in gms	Total Qty.
05-08-2022	190	130	150	250	560
10-08-2022	182	155	80	120	547
13-08-2022	140	135	60	130	465
18-08-2022	195	155	200	120	770
19-08-2022	150	130	190	130	600
25-08-2022	85	180	210	160	635
	940gms	1180gms	800gms	1180gms	4720gms

Thanking You



VASISHTA ENVIRON CARE

4.

Customer: International Limited,

Sekinjurukan, Malappuram,

Wuzhappadam.

Sub: Disposal Certificate for the Month of SEP - 2022

Bio Medical Waste Disposal details for the month of SEP-2022

Date	Yellow colour quantity in gms	Red colour quantity in gms	Blue colour quantity in gms	White colour quantity in gms	Total Qty.
03-09-2022	353	300	122	520	1,301
06-09-2022	193	188	118	480	881
07-09-2022	220	189	130	840	1,389
08-09-2022	500	340	500	504	1,844
09-09-2022	500	610	512	512	2,136
12-09-2022	450	316	504	110	1,390
14-09-2022	850	1,020	980	500	3,350
16-09-2022	1,050	1,450	790	132	4,422
19-09-2022	1,000	1,020	600	790	3,410
23-09-2022	1,050	770	650	600	3,070
	6162gms	7722gms	4908gms	4908gms	23700gms

Thanking you



VASISHTA ENVIRON CARE

To

Greenfield International Limited,

Srikantapuram, Malkajgiri,

Vasathazhnam.

(July - Disposal Certificate for the Month of OCT - 2022)

Bio Medical Waste Disposal details for the month of OCT-2022					
Date	Yellow colour quantity in gms	Red colour quantity in gms	Blue colour quantity in gms	White colour quantity in gms	Total Qty.
15-10-2022	500	300	170	150	1120
17-10-2022	550	450	145	300	1,345
19-10-2022	850	550	170	160	1,730
24-10-2022	650	430	110	290	1,480
28-10-2022	870	700	173	170	2013
31-10-2022	750	680	178	120	1828
	4200 gms	3170 gms	940 gms	1090 gms	9400 gms

Thanking You



VASISHTA ENVIRON CARE

To,

Greenfield International Limited,

Silvasekaram, Melapalem,

Warrangalpetnam.

Subj: - Disposal Certificate for the Month of NOV-22

Bio Medical Waste Disposal details for the month of NOV-2022

Date	Yellow colour quantity in gms	Red colour quantity in gms	Blue colour quantity in gms	White colour quantity in gms	Total Qty.
01-11-2022	1,050	1,250	850	970	4,120
08-11-2022	620	1,430	940	880	4,880
16-11-2022	685	1,235	820	680	3,420
23-11-2022	570	1,345	940	687	3,532
29-11-2022	—	1,478	750	437	2,665
	3,725gms	6,738gms	3,905gms	3,657gms	18,025gms

Thanking You



VASISHTA ENVIRON CARE

To,

Commandir International Limited,

Indrapuram, Mallapuram

Vizithapetnam

Sub: - Disposal Certificate for the Month of DEC 2022

Bio Medical Waste Disposal details for the month of DEC-2022

Date	Yellow color quantity in gms	Red color quantity in gms	Blue color quantity in gms	White color quantity in gms	Total Qty.
02-12-2022	1,010	750	250	330	2140
07-12-2022	1,345	670	332	250	2697
14-12-2022	1,350	431	980	320	3081
21-12-2022	1,435	441	940	260	3076
19-12-2022	1,041	440	1,090	250	2821
19-12-2022	1,010	35	1,520	330	3315
Total	7122gms	2470gms	5112gms	1400gms	17714gms

Thanking You

For Vasishta Environ Care



Date: 22.11.2022

BIO MEDICAL WASTE MANAGEMENT COMMITTEE

Objective: To ensure that the safe handling, storage, treated and disposed of bio medical waste, without any adverse effect to human health and the environment, in accordance with guidelines issued by the Central pollution control board from time to time.

BMW management revised committee has been formed on 22.11.2022

Chairman: Mr. Nagaraju D (EHS Head)

Secretary: Dr Uday Kumar T(CMO)

Members:

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

Frequency of Meeting : Once in Six Months

Duration of Meeting : One hours

Venue : OHC

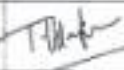
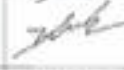
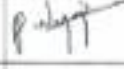
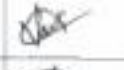
Chairman - BMW Management Committee
Mr. Nagaraju D

Encl: Agenda

LIST OF THE BIO MEDICAL WASTE MANAGEMENT

COMMITTEE MEMBERS

Date of Constitution: 22/11/2022

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 Anser Jama	Emergency Technician	OHC	Member	

Coromandel International Limited

BMW Management Committee Meeting Agenda

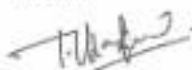
Date: 28.12.2022

Date: 21.12.2022	Day: Wednesday	Time: 10.30:00 hrs.
Venue: OHC		

- 01) Review of Bio Medical Waste Management Rules-2016.
- 02) Review of BMW Management SOP & Existing procedures.
- 03) Review of Bio Medical Waste condition wise compliance.
- 04) 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.

**MINUTES OF BIOMEDICAL WASTE MANAGEMENT(BMW)
COMMITTEE MEETING**

Meeting No.: 01

Held On: 21.12.2022

S. No	Discussion Points	Recommended Action	Person Responsible	Target Date	Status
01	One of the team members asked Sharp needles should be stored in white container	Separate white box will be placed in every area	CMD	27.12.2022	White Box Placed
02	Review about previous submission circular returns to the APMC as per new BMW Rules-2018 in Form IV	Discussed each pointwise strictly.	Nagarajuna	27.12.2022	Reviewed the old process
03	One of the committee Member raised Every room should have two medical bins where waste is generated	Chairman instructed to doctor to make sure bins are available in every room	CMD	27.12.2022	Bins are placed in every room.
04	Hepatitis vaccination is made mandatory for every worker handling the Medical waste	informed the Team regarding Vaccination	CMD	27.12.2022	All are Vaccinated



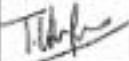
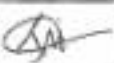
Prepared By: Dr. Uday Kumar T

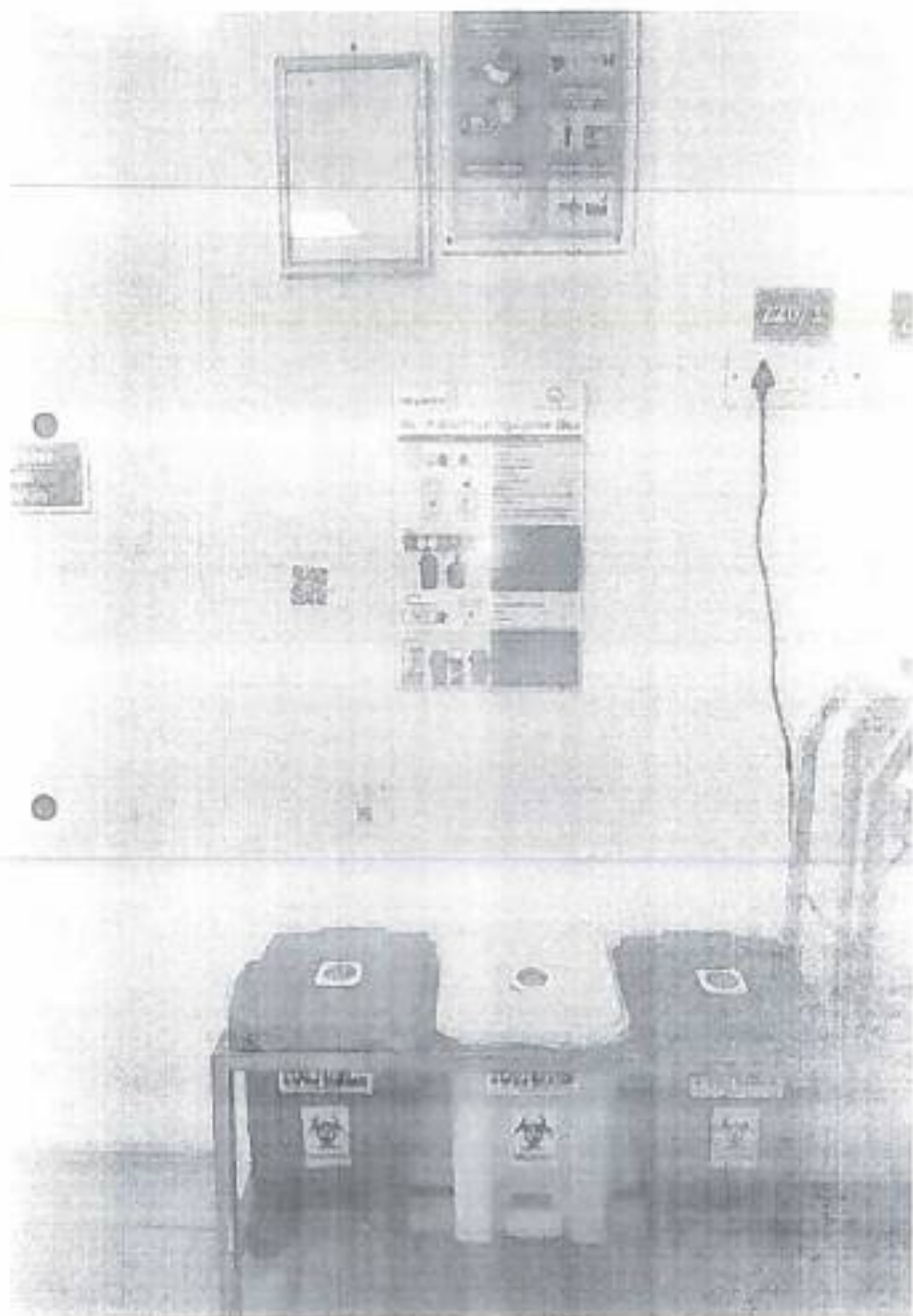


Approved By: Nagarajuna B

MEETING ON BIO MEDICAL WASTE MANAGEMENT COMMITTEE

Date of Meeting: 21.12.2022.

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 Vanl	Staff Nurse	OHC	Member	
6	Mr. Shaik Ansar Jama	Emergency Technician	OHC	Member	



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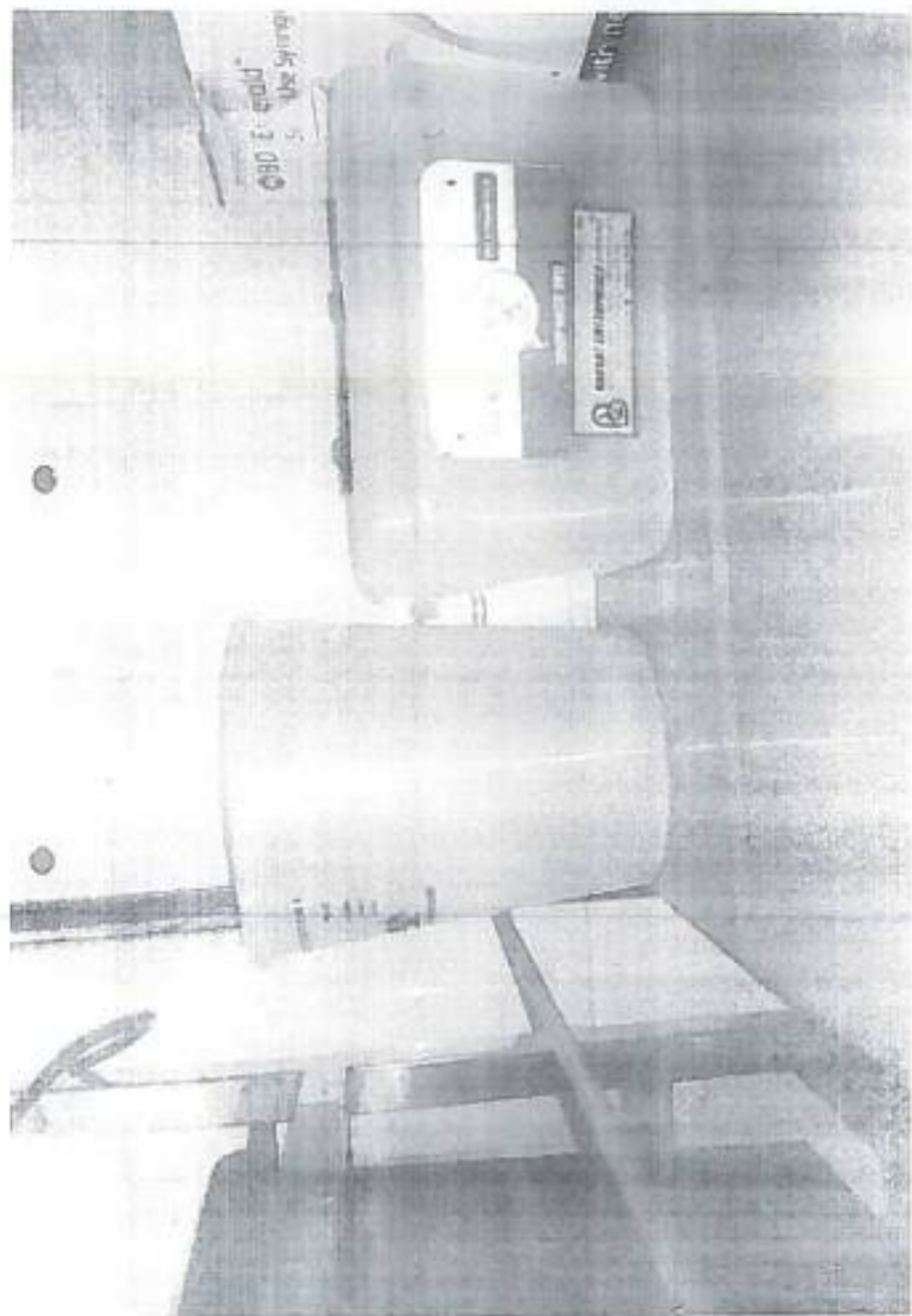
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DUST BIN





Kandam



KOROMANDEL INTERNATIONAL LIMITED VISAKHAPATNAM

OHC TRAINING RECORD (OHC/2022-23/5)

Sl. No.	12/12	Training Given By: Dr Uday Kumar
Date	01/12	

BIO MEDICAL WASTE

Biomedical Waste (BMW)

is...

- Solid waste generated during the diagnosis, testing, treatment, research or production of biological products for humans or animals (WHO)
- It includes
 - of hospital waste is non-hazardous
 - infectious
 - sharp and contaminated
 - anatomic and histological
 - pharmaceutical waste like chemotherapy and cytotoxic

BMW- Management



LABEL FOR BIOMEDICAL WASTE CONTAINERS OR BAGS

WISCONSIN
Health Department
Part 1

1. INFORMATIONAL AND INSTRUCTIONS FOR USE

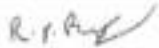
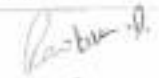
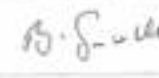
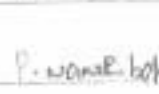


1. INFORMATIONAL AND INSTRUCTIONS FOR USE

2. INFORMATIONAL AND INSTRUCTIONS FOR USE



2. INFORMATIONAL AND INSTRUCTIONS FOR USE

NAME OF THE EMPLOYEE	EMPLOYEE NO	SIGNATURE
GGBV. PRASAD	1013841	
RP RAO	5120955	
Sx. Anwar	1052499	
D. Ravi Kiran	1008696	
K. Vani	1008198	
Sx DARVA	705255450	
TH. NAOU	5120742	
Bs RAO	5120756	
Bs PRAKASH.	70009516692	
P. NANI	1000416	

EHS2-Vizag-Coromandel

From: Nagarjuna-P-Mgr-EHS-Vizag-Coromandel
Sent: 17 June 2023 09:07
To: rovepappcb@gmail.com
Cc: EHS2-Vizag-Coromandel; Subhradip Mondal-Mgr-Environment-Vizag-Coromandel; Nagaraju D-AGM-EHS-Vizag-Coromandel; Vinod Kumar Mishra-GM-EHS-Vizag-Coromandel
Subject: Rag. Submission of Bio medical waste annual report of form-iv for the period of April 2022- Mar 2023
Attachments: BMW Annual Returns (Form-4) 2022-2023.pdf

Dear Sir,

Herewith submitting Bio medical waste annual report of form-iv for the period of April 2022- Mar 2023 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 16.06.2023 as per your instruction.

Regards,
Nagarjuna P
Manager-Environment
9100443439

SAVE ENVIRONMENT SAVE LIFE


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FUTURE POSITIVE
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W: www.coromandel.biz
A PUBLIC COMPANY LISTED ON THE BSE