

“Form IVA
[See rule 13(2)]

**Annual Report Information on Bio-medical Waste Management by the Odisha,
State Pollution Control to CPCB for the period January, 2021 to December 2021**

Part-1 (Summary of information)

(1)	Name of the Organisation	:	State Pollution Control Board, Odisha
(2)	Name of the Nodal Officer with contact telephone number and e-mail	:	Dr. Simanchala Dash, Addl. Chief Env. Engineer, Tel. No. 0674-2653800, E-mail: sdash@ospcboard.org
(3)	Total no. of Health Care Facilities / Occupiers	:	3870
(i)	Bedded Hospitals and Nursing Homes (bedded)	:	1563
(ii)	Clinics, dispensaries	:	2255
(iii)	Veterinary institutions	:	72
(iv)	Animal houses	:	Nil
(v)	Pathological laboratories	:	41
(vi)	Blood banks	:	01
(vii)	Clinical establishment	:	---
(viii)	Research Institutions	:	02
(ix)	AYUSH	:	08
(4)	Total no. of beds	:	50609
(5)	Status of authorisation		
(i)	Total number of Occupiers applied for authorisation	:	718
(ii)	Total number of Occupiers granted authorisation	:	682
(iii)	Total number of application under consideration	:	75
(iv)	Total number of applications rejected	:	Nil
(v)	Total number of Occupiers in operation without applying for authorisation	:	69
(6)	Quantity of Bio-medical Waste Generation (in kg/day)		
(i)	Bio-medical waste generation by bedded hospitals(in kg/day)	:	15708.655 kg/day
(ii)	Bio-medical waste generation by non-bedded hospitals (in kg/day)	:	459.292 kg/day
(iii)	Any other :		
	Total	:	16167.947 Kg/day
(7)	Bio-medical waste treatment and disposal		
(a)	By Captive bio-medical waste treatment and disposal by Health Care Facilities		
(i)	Number of Health Care Facilities having captive treatment and Disposal facilities	:	2883

(ii)	Total bio-medical waste treated and disposed by captive treatment facilities in kg/day	:	11563.579 kg/day
(b)	Bio-medical waste treatment and disposal by Common Bio Medical Waste Treatment Facilities		
(i)	Number of Common Bio Medical Waste Treatment Facilities in Operation	:	06
(ii)	Number of Common Bio Medical Waste Treatment Facilities under construction	:	Nil
(iii)	Total bio-medical waste treated in kg/day	:	4604.368 kg/day
(iv)	Total treated bio-medical waste disposed through authorised recyclers (in Kg/day)	:	---
(8)	Total no. of violation by		
(i)	Health Care Facilities	:	Bedded-40 Non-bedded- 04
(ii)	Common Bio Medical Waste Treatment Facilities	:	Nil
(iii)	Others (please specify)		
(9)	Show cause notices/directions issued to defaulters:		
(i)	Health Care Facilities		
	Show cause notices/directions issued	:	Bedded-40 Non-bedded-04
(ii)	Common Bio Medical Waste Treatment Facilities	:	Nil
(iii)	Others	:	Nil
(10)	Any other relevant information		
(i)	Number of workshops / trainings conducted during the year	:	Nil
(ii)	Number of occupiers installed liquid waste treatment facility	:	87
(iii)	Number of captive incinerators complying to the norms	:	Nil
(iv)	Number of occupiers organised trainings	:	Nil
(v)	Number of occupiers constituted Bio-medical Waste Management Committees	:	65
(vi)	Number of occupiers submitted Annual Report for the previous calendar year	:	1055
(vii)	Number of occupiers practising pre-treatment of lab microbiology and Bio-technology waste	:	1563
(viii)	Number of Common Bio Medical Waste Treatment Facilities that have installed Continuous Online Emission Monitoring Systems	:	02

Part 4: Information on Common Bio-Medical Waste Treatment and Disposal Facilities

S. No.	Name and Address of the Common Bio Medical Waste Treatment Facilities with contact person name and telephone number	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 BMW collected from member HCFs (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.	Ms. Sani Clean Pvt. Limited , Tangiapada, Khurda, Mr. Mahesh Agrawal Phone: (0674) 2556379 / 2553844(06755) 221869 Mobile: 9437077889	20.2076556 , 85.608336	150	Duburi, Jajpur, Dhamra, Choudwar, Cuttack, Bhubaneswar ,Paradeep, Jatni and Khurda	673	13598	2903.0	Incinerator	02	100 kg/hr each	2903.0	Incinerator Ash Quantity:-: 21215.0 kg/A Disposed off in incineration ash pits.
								Plasma Pyrolysis	Nil	Nil		
								Autoclave	03	400 kg/hr		
								Hydroclave	Nil	Nil		
								Microwave	Nil	Nil		
								Shredder	01	800 kg/d		
								Sharps encapsulation or concrete pit	03	85 Cubic Ft/Pit		
								Deep burial pit	-----	----		
								Any other treatment equipment	-----	-----		
Effluent Treatment Plant	01	100 KL/D	ETP Sludge Quantity: 9334 Kg/A									

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								Equipment	Numbers	Total installed capacity (kg/day)			
2.	SCB Medical College and Hospital, Cuttack (Operated by M/s. MediAid Marketing Services) Mr. Bipin Sarangi Plot no. N-3/445, IRC Village, Nayapalli, Bhubaneswar- 751 015, Mob: 09238399160	20.391508, 86.126989	30	Cuttack SCB MCH, SCB Dental, SVPPGIP, AHRCC, City Hospital and LHH	6	3175	305.29	Incinerator	1*	70.0 kg/hr.	305.29	Incineration Ash: 688.800 kg/A Quantity: Disposed by: Ash pit	
								Plasma Pyrolysis	Nil	Nil			Sharps Quantity: 6860.004 kg/A Disposed by: sharp pit
								Autoclave	Nil	Nil			
								Hydro Clave	Nil	Nil			Plastics Quantity: 2954.480 kg/A Disposed by- shredded & micro waved
								Microwave	03*	220 kg/hr			
								Shredder	1*	100.0 kg/hr.			
								Sharps encapsulation or concrete pit	4	3' x 4.5'			ETP Sludge: Quantity: Disposed by: -- --
								Deep burial pits	5	2.5' x 5'			
								Any other equipment					
Effluent Treatment Plant	1	15 KLD											

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								Equipment	Numbers	Total installed capacity (kg/day)			
3.	M/s. Mediaid Marketing Services, At: Plot No. 521 and 567, Amasranga, PO: Bhasma, Dist: Sundargarh Mob: 09238399160	22.365843, 84.731725	150	Rourkela, Sundargarh & Jharsuguda	206	3925	796.936	Incinerator	1**	350 kg/hr.	796.936	Incineration Ash Quantity: 1888.8 kg/A Disposed by: Ash pit	
								Plasma Pyrolysis	Nil	Nil			Sharps Quantity: 21301.248 kg/A Disposed by: sharp pit
								Autoclave	1**	100 kg/hr			
								Hydro clave	Nil	Nil		Plastics Quantity: 82292.916 kg/A Disposed by: shredded & micro waved	
								Microwave	Nil	Nil			
								Shredder	1**	100 kg/hr			
								Sharps encapsulation or concrete pit	1	3' x 4.5'			
								Deep burial pits	---	---		ETP Sludge: Quantity: Disposed by:	
								Any other equipment	---	---			
								Effluent Treatment Plant	1	10 KLD			

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								Equipment	Numbers	Total installed capacity (kg/day)			
4.	VSS Medical College and Hospital, Burla, Sambalpur (Operated by M/s. Bio-Tech Solution, Berhampur) Sri Rajendra Kumar Sahu Jyoti Nagar, 2 nd Lane Extn. Berhampur-1, Dist: Ganjam, Phone no.9861716876/9437260528	21 ⁰ 30' 00" North, 83 ⁰ 52' 00" South	150	Burla, Sambalpur , Bolangir & Bargarh	58	2152	375.01	Incinerator	01***	70 kg/hr	375.01	Incinerator Ash: 4198.1 kg/A Disposed off in incineration ash pits.	
								Plasma Pyrolysis	Nil	Nil			Sharps- Disposed off in sharp pit. Quantity: 5107.9 kg/A Disposed by—
								Autoclave	01***	600 L/cycle			
								Hydroclave	Nil	Nil		Plastics: Other plastic wastes are sold after shredding Quantity: 36604.7 kg/A Disposed by--	
								Microwave	02***	60 L/cycle			
								Shredder	04***	100 kg/hr. each			
								Sharps encapsulation or concrete pit	02	2 X 2 meter			
								Deep burial pits	7	2 X 2 meter		Any other equipment	
								Effluent Treatment Plant	1	10 KLD			ETP Sludge: 1270.8 kg/A Land filling.

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								Equipment	Numbers	Total installed capacity (kg/day)		
5.	MKCG Medical College and Hospital, Berhampur, Dist: Ganjam (Operated by M/s. Life Line Pharma) Banita Panda, At: Jaya Prakash, Berhampur, Ganjam	----	-----	MKCG MCH, Berhampur & City Hospital, Behampur	2	1156	113.687	Incinerator	1****	200 kg/hr.	113.687	Incineration Ash Quantity: 20 kg/d Disposed by: Ash pit Sharps Quantity: ---- kg/day Disposed by: sharp pit Plastics Quantity: 4277 kg/day Disposed by- shredded & microwave
								Plasma Pyrolysis	---	----		
								Autoclave	Nil	Nil		
								Hydroclave	Nil	Nil		
								Microwave	3****	60 L/cycle		
								Shredder	3****	100 kg/hr		
								Sharps encapsulation or concrete pit	02	3'x4.5'		
								Deep burial pits	---	---		
								Any other equipment				
Effluent Treatment Plant	1	40 KLD	ETP Sludge: 15 KLD Quantity: Disposed by:									

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								Equipment	Numbers	Total installed capacity (kg/day)			
6.	M/s. Mediaid Marketing Services, At: village-Arakhapada, Tehsil-Seragada, Dist: Ganjam. Mob: 09238399160	22.365843 N	50	Berhmapur	42	1002	110.445 kd/d	Incinerator	01***	350 kg/hr	110.445 kd/d	Incinerator Ash: 307.2 kg/A Disposed off in incineration ash pits.	
								Plasma Pyrolysis	---	----			Sharps Quantity: 332.4 kg/day Disposed by: sharp pit
								Autoclave	01***	100 kg/hr			
								Hydroclave	Nil	Nil		Plastics Quantity: 1508.904 kg/day Disposed by- shredded & microwave	
								Microwave	Nil	Nil			
								Shredder	1****	100 kg/hr.			
								Sharps encapsulation or concrete pit	01	----			
								Deep burial pits	Nil	Nil			
								Any other equipment					
Effluent Treatment Plant	1	10 KLD											

(a)	Total Number of transportation vehicles used for collection of Bio-medical Waste on daily basis by the Common Bio-Medical Waste Treatment Facilities	:	35
(b)	List of Health Care Facilities not having membership with the Common Bio-Medical Waste Treatment Facilities and neither having captive treatment facilities	:	Nil
(c)	Number of trainings organised by the Common Bio-Medical Waste Treatment Facility operators	:	35
(d)	Number of Accidents reported by the Common Bio Medical Waste Treatment Facilities	:	07
NB:-			
*	Treatment facilities (Incinerator, microwave & shredder) of SCB Medical College & Hospital is being shared by the Government health care facilities of Cuttack for the treatment of biomedical wastes.		
**	Treatment facilities (Incinerator, Autoclave & shredder) of M/s Mediaid Marketing Service at Amsarang, Sundargarh for the treatment of biomedical wastes		
***	Treatment facilities (Incinerator, Autoclave & shredder) of M/s Mediaid Marketing Service at Seragada, Ganjam for the treatment of biomedical wastes		
****	Treatment facilities (Autoclave, Incinerator, microwave & shredder) of VSS Medical College & Hospital is being shared by the health care facilities of Burla, Sambalpur, Bargarh, Bolangir etc. for the treatment of biomedical wastes.		
*****	Treatment facilities (Incinerator, microwave & shredder) of MKCG Medical College & Hospital is being shared by the City Hospital, Berhampur for the treatment of biomedical wastes.		