

MNGSEZ/ FAC/ KSPCB/ 18-19/ 04

Date: June 18, 2018

To,
The Environmental Officer,
Karnataka State Pollution Control Board,
Baikampady Industrial Area,
Mangaluru – 575 011.

Dear Sir,

Sub: Submission form – IV as per Bio-Medical Waste Management Rules

We hereby submit the following form

- Form IV – Annual Report as per Biomedical waste (Management & Handling) Rules for the period from 1st January 2017 to 31st December-2017

Kindly acknowledge the same.

Thanking You,

Yours Sincerely,

Authorized Signatory
Colone Suresh M Kunnath (Retd),
Regional Manager – Facilities and Administration,
Infosys Ltd,
Mangaluru -574153.

Algerid
Suresh M Kunnath
REGIONAL OFFICE
Karnataka State Pollution Control Board
Plot No.10-B, Baikampady Industrial Area
MANGALORE-575011

Form - IV
(See rule 13)
ANNUAL REPORT

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

Sl. No.	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or operator of facility)	:	Suresh M Kunnath
	(ii) Name of HCF or CBMWTF	:	Infosys Limited
	(iii) Address for Correspondence	:	IT SEZ, Kamblapadavu, Kurnad, Pajeeru Village Bantwal, Dakshina Kannada - 574 154
	(iv) Address of Facility	:	IT SEZ, Kamblapadavu, Kurnad, Pajeeru Village Bantwal, Dakshina Kannada - 574 154
	(v) Tel. No, Fax. No	:	0824 2234701
	(vi) E-mail ID	:	biss_varghese@infosys.com
	(vii) URL of Website	:	www.infosys.com
	(viii) GPS coordinates of HCF or CBMWTF	:	Latitude : 12.802985186035413 Longitude : 74.94658550633176
	(ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other) Private
	(x) Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: KSPCB/RO(MNG)/JIN NO.1203057497/ Reg. No.144270/2017-13/2532 16/03/2018valid up to
	(xi) Status of Consents under Water Act and Air Act	:	Valid up to: 30/06/2021
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds: Nil.
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	Clinic
	(iii) License number and its date of expiry	:	DKA 484AACD Valid till 22 Dec 2022
3.	Details of CBMWTF	:	NA
	(i) Number healthcare facilities covered by CBMWTF	:	NA
	(ii) No. of beds covered by CBMWTF	:	NA
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	NA Kg per day

	(iv) Quantity of biomedical waste treated or disposed by CBMWTF :	NA Kg/day																																																
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis) :	<table border="1"> <tr> <td>Yellow Category :</td> <td>53.2 Kg/month</td> </tr> <tr> <td>Red Category :</td> <td>2.9 Kg/month</td> </tr> <tr> <td>White:</td> <td>Nil</td> </tr> <tr> <td>Blue Category ;</td> <td>0.9 Kg/month</td> </tr> <tr> <td>General Solid waste:</td> <td>Nil</td> </tr> </table>	Yellow Category :	53.2 Kg/month	Red Category :	2.9 Kg/month	White:	Nil	Blue Category ;	0.9 Kg/month	General Solid waste:	Nil																																						
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5	Details of the Storage, treatment, transportation, processing and Disposal Facility																																																	
	(i) Details of the on-site storage facility :	<table border="1"> <tr> <td>Size :</td> <td>NA</td> </tr> <tr> <td>Capacity :</td> <td>NA</td> </tr> <tr> <td>Provision of on-site storage (cold storage or any other provision) :</td> <td>NA</td> </tr> </table>	Size :	NA	Capacity :	NA	Provision of on-site storage (cold storage or any other provision) :	NA																																										
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	(ii) Details of the treatment or disposal facilities :	<table border="1"> <thead> <tr> <th>Type of treatment equipment</th> <th>No of units</th> <th>Capacity Kg/day</th> <th>Quantity treated or disposed in kg per annum</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td></td> <td></td> <td>NA</td> </tr> <tr> <td>Plasma Pyrolysis</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Autoclaves</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Microwave</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hydroclave</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Shredder</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Needle tip cutter or destroyer</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Sharps encapsulation or concrete pit</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deep burial pits:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Chemical disinfection:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Any other treatment equipment:</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Type of treatment equipment	No of units	Capacity Kg/day	Quantity treated or disposed in kg per annum	Incinerators			NA	Plasma Pyrolysis				Autoclaves				Microwave				Hydroclave				Shredder				Needle tip cutter or destroyer				Sharps encapsulation or concrete pit				Deep burial pits:				Chemical disinfection:				Any other treatment equipment:			
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	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum. :	Red Category (like plastic, glass etc.) NA																																																
	(iv) No of vehicles used for collection and transportation of biomedical waste :	NA																																																
	(v) Details of incineration ash and ETP sludge generated and disposed :	<table border="1"> <tr> <td>NA</td> <td>Quantity generated</td> <td>Where disposed</td> </tr> </table>	NA	Quantity generated	Where disposed																																													
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	during the treatment of wastes in Kg per annum	Incineration Ash ETP Sludge	NA
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	Ramky Energy and Environmental Limited, Karnad Industrial Area, Mulki, Mangalore	
	(vii) List of member HCF not handed over bio-medical waste.	NA	
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	Yes, we have safety committee available where we will discuss the bio medical waste related issues also.	
7	Details trainings conducted on BMW		
	(i) Number of trainings conducted on BMW Management.	Nil	
	(ii) number of personnel trained	NA	
	(iii) number of personnel trained at the time of induction	No new person inducted	
	(iv) number of personnel not undergone any training so far	NIL	
	(v) whether standard manual for training is available?	No	
	(vi) any other information)	-	
8	Details of the accident occurred during the year		
	(i) Number of Accidents occurred	NIL	
	(ii) Number of the persons affected	NIL	
	(iii) Remedial Action taken (Please attach details if any)	NA	
	(iv) Any Fatality occurred, details.	NIL	
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not meet the standards?	NA	
	Details of Continuous online emission monitoring systems installed	NA	
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	Not generated any liquid waste	
11	Is the disinfection method or sterilization meeting the log 4	NIL	

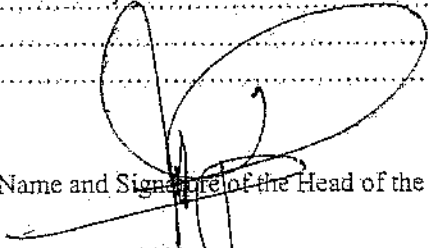
	standards? How many times you have not met the standards in a year?		
12.	Any other relevant information	:	(Air Pollution Control Devices attached with the Incinerator)

Certified that the above report is for the period from

January 2017 to December 2018

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Name and Signature of the Head of the Institution


 Suresh M Kunhath
 Regional Manager Facilities

Date: 14/06/2018

Place Mudipu

Biss Varghese

From: Biss Varghese
Sent: Friday, February 2, 2018 9:04 AM
To: MNG Nethra Safety Committee; Hima Madan
Cc: Vasudev Kamath
Subject: FW: minutes of safety committee meeting

Dear All,

Please see the minutes of meeting. In case of any point missed out or changes needed please revert.

Date: 31-January-2018

Time : 11:00 – 12:00

Venue: Kodachadri

Members: Vasudev Kamath, Dr.Pawel, Sandeep D'silva, Shantanu Maskeri, Wilson, Dheeraj Hejmadi, Sreekumar, Kaushik Pandit, Harini Nayak, Hima Madan, Vancheesh H, Biss Varghese, Shashikala, Sudesh B.

Action items from previous meeting:

- Exit of women post 8:00pm from SEZ campus. Decided to analyse these cases and further action needs to be initiated if needed – decided to continue with the existing process. Number of cases where women employees exiting with male colleague on two wheeler to city needs to be analysed and reported.
- Reminder mailers for pending action items – Completed

Other Points

- Medical center related issues are discussed with Doctor, he was explained no cases reported due to work related issues.
- Two incidents reported after the last review, NTC bus minor accident at Deralakatte and skidding of employee bike near DG turn area
- Discussed the biomedical waste related points in the meeting – vaccination and yearly medical check completed for handlers and barcode system implemented for biomedical waste
- DC head pointed out to check the availability of fire extinguishers outside the e waste yard. All isolated and closed rooms needs to be assessed for the availability of fire extinguishers outside the area, see through glass in the doors and lights arrangements for these rooms needs to be reassessed.
- It was reported that illumination levels needs to be improved in SDB 3 front area and pathway during night. Also reported that dark areas in FC pallkhi area when they not operational.

S. No	Point	Location (Nethra / Mangala / Both)	Who	When	Remarks
1.	Number of women employees exiting on two wheeler to city needs to be analyzed after 8 pm	Nethra	Col Shantanu	28-Feb-18	
2.	Availability of fire extinguishers outside the e waste yard and other isolated and closed rooms. Also see through glass in the doors and lights arrangements for these rooms needs to be reassessed	Nethra	Col Shantanu	28-Feb-18	

3.	Check and improve the illuminations levels in front of SDB3, pathways and FC area	Nethra	Hareesha	31-Mar-18	
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Regards,
Biss

From: Biss Varghese
 Sent: Wednesday, August 2, 2017 3:29 PM
 To: MNG Nethra Safety Committee <Nethra_Safety_Committee@infosys.com>
 C: Vasudev Kamath <Vasudevkr@infosys.com>
 Subject: FW: minutes of safety committee meeting

Dear All,
 Please see the minutes of meeting. In case of any point missed out or changes needed please revert.

It is noticed that some of the members are repeatedly skipping the meeting, request all of them to respond and give their views.

Safety committee meeting			
Date	31-July-2017		
Time	14:30 – 15:30		
Attendees	1.	Vasudev Kamath	DC Head
	2.	Dr.Sriraksha	Medical center doctor
	3.	Sandeep D'silva	HR
	4.	Suresh M Kunnath	Facilities
	5.	Harini Nayak	Facilities
	6.	Shantanu Maskeri	Security
	7.	Sudesh Kumar	Security
	8.	Sreekumar R	Facilities