



Knowledge grows

YFI/FW/EMC/Bab/BMW/76/2018
21-05-2018

To,
The Regional Officer,
Regional Office,
U. P. Pollution Control Board,
1-A / I.N.S.-1, Avas Vikas Colony,
Buddhi Vihar, Delhi Road,
Moradabad, (U.P.)

Sub: Annual report (Form IV) under Bio-medical waste (Bio-Medical Waste Management Rules, 2016

Dear Sir,

Please find enclosed herewith the duly filled-in Form- IV (Annual Report) for the year 2017 of Bio-medical waste generation, treatment and disposal details under Bio-Medical Waste Management Rules, 2016.

If any further information / clarification is required, please let us know.

Thanking you,

Yours sincerely,
For **YARA FERTILISERS INDIA PVT LTD,**

Raja Raman
(Head-Environment)

Encl: as above

CC:
Member Secretary,
U. P. Pollution Control Board,
Building No. TC-12V,
Vibhuti khand, Gomatinagar,
Lucknow - U P- 226010

Yara Fertilisers India Private Limited

Plant Office
Indira Dham, Babrala,
Uttar Pradesh-242021
District Sambhal India

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Pune - 411001

CIN :
U51490PN2011FTC139239 /
2011-2012

Form - IV
(See rule 13)
ANNUAL REPORT

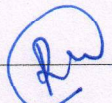
[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

Sr. No.	Particulars	
1	Particulars of the Occupier	M/s Yara Fertilisers India Pvt Ltd (Formerly Tata Chemicals Limited)
	(i) Name of the authorised person (occupier or operator of facility)	Dr. Shyam Sen Kumar (Head – Health & Medical Services)
	(ii) Name of HCF or CBMWTF	Yara Fertilisers India Pvt Ltd-Hospital
	(iii) Address for Correspondence	M/s Yara Fertilisers India Pvt Ltd, Indira Dham, Babrala 242021 Distt- Sambhal, UP
	(iv) Address of Facility	M/s Yara Fertilisers India Pvt Ltd, Indira Dham, Babrala 242021 Distt- Sambhal. UP
	(v) Tel. No, Fax. No	08536664090
	(vi) E-mail ID	raja.chaudhary@yara.com
	(vii) URL of Website	www.yara.com
	(viii) GPS coordinates of HCF or CBMWTF	Yara Fertilisers India Pvt Ltd -Babrala Distt.- Sambhal coordinates Longitude- 78° 25' 17" East Latitude- 28° 17' 20" North
	(ix) Ownership of HCF or CBMWTF (State Government or Private or Semi Govt. or any other)	Yara Fertilisers India Pvt Ltd Ltd-Hospital
	(x) Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	Authorisation No. 636/BMW-519/GEN dt. 25.02.2016 valid till 06-12-2018
	(xi) Status of Consents under Water Act and Air Act	Air and water consent valid till 31 Dec 2019




2.	Type of Health Care Facility	
	(i) Bedded Hospital	09 bedded
	(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	Reg. CMO/NH/2017-18/153 dated : 30/04/2018 valid till 31-03-2019
3.	Details of CBMWTF	M/s Medicare Environmental management Pvt. Ltd., Ved Complex, Navyug Market, Ghaziabad, U.P.
	(i) Number healthcare facilities covered by CBMWTF	-
	(ii) No of beds covered by CBMWTF	-
	(iii) Installed treatment and disposal capacity of CBMWTF:	-
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	-
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	<p>Yellow Category: 45.21 kg/year Red Category: 48.56 kg/year White Category: 4.19 kg/year Blue Category: 8.7 kg/year</p> <p>Monthly Details of waste disposal to CBMWTF as per Annex-01.</p>
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility	<p>Size: Shaded Bio medical waste storage Area about 50 M²</p> <p>Capacity: Provision of on-site treatment and storage (cold storage or any other provision): Separate coloured bins have been arranged to collect the Bio Medical waste. After collection bio medical waste is being treated as per guidelines of the Bio-medical waste management Rules, 2016 and stored in covered shade prior to sending to approved common facility (M/S Medicare Env. Management Pvt. Ltd.).</p>

	(i) Details of the on-site storage facility	Site does not store any untreated biomedical waste. Category wise waste bins have been arranged in hospital to store the waste prior to treatment and sending to approved common facility (M/S Medicare Env. Management Pvt. Ltd.). (Please Refer Annex -02)
	(ii) disposal facilities	M/S Medicare Env. Management Pvt. Ltd
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	Nil
	(iv) No of vehicles used for collection and transportation of biomedical waste	Nil
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	NA
	(vi) Name of the Common Bio- : Medical Waste Treatment Facility Operator through which wastes are disposed of	M/s Medicare Env. Management Pvt. Ltd
	(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	Qualified person is designated to review and monitor the activities relating to bio-medical waste management at site as per BMW Rules - 2016
7.	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW Management.	01
	(ii) number of personnel trained	04
	(iii) number of personnel trained at the time of induction	14 new Joined employee in various disciplines along with hospital staff
	(iv) number of personnel not undergone any training so far	Dept. wise training conducted to all employee as per training calendar
	(v) Whether standard manual for training is available?	Yes, training PPT is made for New joinee and hospital staff



	(vi) any other information)	Regular training as per annual training calendar is planned and adhered as per schedule.
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 met 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?	Yes, No deviation in standards
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, No deviation in standards
12.	Any other relevant information (Air Pollution Control Devices attached with the Incinerator)	NA

Certified that the above report is for the period from 01 Jan 2017 to 31 Dec 2017

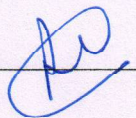

 Raja Raman Chaudhary
 (Head - EMC)

Date: 21-05-2018

Place: Babrala

Annex-02

Details of the on-site facility:			
Type of treatment equipment	No of units	Capacity Kg/ day	Quantity treated or disposed in kg per annum
Incinerators	-	-	-
Plasma Pyrolysis	-	-	-
Autoclaves	01	20 Kg/day	
Microwave	-	-	-
Hydroclave	-	-	-
Shredder	01		As per requirements
Needle tip cutter or destroyer	02		As per requirements
Sharps encapsulation or concrete pit	-		
Deep burial pits	01	-	Not in use
Chemical disinfection			10% Sodium hypochlorite use for chemical treatment.
Any other treatment equipment	-		



Total Record of Biomedical Waste Generation (Hospital-Babrara) in 2017

Waste Category	Month → Wt in gm	Locations	Types of Waste Produced during hospital process	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total (Gms) 2017
White (Translucent)	Waste Sharps: Needles, syringes with fixed needles, syringes from needle tip cutter or burner, scalpels, blades, or any other contaminated sharp object that may cause puncture and cuts. This includes both used, discarded and contaminated metal sharps	Hospital & Plant Dispensary	Needles, syringes with fixed needles, needles from needle tip cutter or burner, scalpels, blades, or any other contaminated sharp.	265	210	269	305	428	297	317.2	483	444	463	331	380	4192
	Glass Ware: Broken or discarded and contaminated glass including medicine vials and ampoules except those contaminated with cytotoxic wastes	Hospital & Plant Dispensary	Broken or discarded and contaminated glass including medicine vials and ampoules	602	458	1006	689	1006	1118	1082	609	426	1110	282	315	8703
Red	Contaminated Solid Waste: Wastes generated from disposable items such as tubing, bottles, intravenous tubes and sets, catheters, urine bags, syringes (without needles and fixed needle syringes) and vacutainers with their needles cut) and gloves	Hospital & Plant Dispensary	Syringes, Gloves, IV Sets, Vacutainers Wt. (Pathology)	2365	2091	2970	4293	4193	5950	5492	4272	4556	5601	3159	3614	48556
	EXPIRED OR DISCARDED MEDICINES	Hospital & Plant Dispensary	Discarded / Expired Medicines	160	0	0	160	125	50	160	0	0	0	0	0	370
Yellow	Cyto-toxic drugs:	NA		0	0	0	0	0	0	0	0	0	0	0	0	
	SOILED WASTE (Items contaminated with blood, body fluids like dressings plaster casts, cotton swabs and bags containing residual or discarded blood and blood components)	Hospital & Plant Dispensary	Items contaminated with blood, body fluids like dressings plaster casts, cotton swabs and bags containing residual or discarded blood and blood components	3805	1860	3145	3805	4575	4375	3825	3000	3450	2911	2132	2658	
Yellow	Microbiology, Biotechnology and other clinical laboratory waste, attenuated vaccines, cell culture etc.	Hospital & Plant Dispensary	clinical laboratory waste, attenuated vaccines,	0	0	0	0	0	0	0	0	0	0	0	0	45206
	Discarded linen, mattresses, beddings contaminated with blood or body fluid	Hospital & Plant Dispensary	Discarded linen, mattresses, beddings contaminated with blood or body fluid	0	0	0	0	0	0	0	0	0	0	0	0	
Yellow	CHEMICAL AND CHEMICAL LIQUID WASTE- Used or discarded disinfectants and Liquid from laboratories and floor washings, cleaning, house-keeping and disinfecting activities etc.	Hospital - Laboratory	Used or discarded disinfectants and Liquid from laboratories and floor washings, cleaning, house-keeping and disinfecting activities etc.	355	330	320	375	451	430	515	390	422	355	352	345	
	IV SET Weight - 20 gm Syringe Weight 4 Gm Gloves 18 gm Glass Vial Big - Weight 21 Gm Glass Vial Big - Weight 6 Gm Glass Bottle small - Weight 50 Gm															