



An Agricultural  
Sciences Company

Cheminova India Limited  
Technical Division  
241,242/2 & 241/P,  
GIDC Estate, Panoli - 394 116  
Dist. Bharuch (Gujarat)  
India.  
cheminova.panoli@fmc.com  
Phone : 02646 - 618600/1/2, 618701  
Mo. : +91 97252 02657  
fmc.com / fmc.in  
CIN NO. U24100MH1986PLC038627

28<sup>th</sup> June 2021

To,  
**The Regional Officer**  
GPCB Office  
Ankleshwar

**Subject: Annual Return in Form IV as per the requirement of Biomedical Waste Management Rules-2016**

Dear Sir,

We are enclosing herewith the Annual Return in Form IV for the period of 1<sup>st</sup> January 2020 to 31<sup>st</sup> December 2020 as per the requirement of Biomedical Waste Management Rule-2016 for your kind information.

We trust the information furnished is in line with the requirement.

Thanking You,

For Cheminova India Limited

  
**Abhay Arora**  
Factory Manager

Encl.: (1) Form IV  
(2) Minutes of Meetings





**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 authorized person (occupier or : operator of facility)	:	Abhay Arora- Factory Manager Cheminova India Limited, Technical Division, Plot No. 241/242, GIDC Estate, Panoli-394116, Dist: Bharuch, Gujarat State
	(ii) Name of HCF or CBMWTF	:	First Aid Centre inside Plant
	(iii) Address for Correspondence	:	<b>Cheminova India Limited</b> , Technical Division, Plot No. 241/242, GIDC Estate, Panoli-394116, Dist: Bharuch, Gujarat State
	(iv) Address of Facility	:	Cheminova India Limited, Technical Division, Plot No. 241/242, GIDC Estate, Panoli-394116, Dist: Bharuch, Gujarat State
	(v) Tel. No, Fax. No	:	9646960472
	(vi) E-mail ID	:	<a href="mailto:Abhay.arora@fmc.com">Abhay.arora@fmc.com</a>
	(vii) URL of Website	:	<a href="http://www.fmc.in">www.fmc.in</a>
	(viii) GPS coordinates of HCF or CBMWTF	:	By Globe Biocare
	(ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other) -Private
	(x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: 343733 Valid upto: 03/10/2023
	(xi). Status of Consents under Water Act and Air Act	:	CCA No.AWH: 104796 Valid upto: 16/04/2022
2	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds: 01 Nos. (Observation Bed in OHC)
	(ii) Non-bedded hospital	:	NA
	Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	
	(iii) License number and its date of expiry	:	Not Applicable
3	Details of CBMWTF	:	Not Applicable
	(i) Number of health care facilities covered by CBMWTF	:	Not Applicable

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	(ii) No. of Beds covered by CBMWTF	:	Not Applicable
	(iii) Installed treatment and disposal capacity of CBMWTF;	:	_____Kg / day – Not applicable
	(iv) Quantity of bio medical waste treated or disposed by CBMWTF	:	_____Kg / day – Not applicable
4	Quantity of waste generated or disposed in Kg per Annum (on monthly average basis (Gms) :	:	<b>Enclosed: Annexure-1</b> Yellow Category: 35.18 Red Category: 175.44 White: 40.13 Blue Category: 3 General Solid Waste: NA
5	Details of the Storage, Treatment, Transportation, Processing and Disposal Facility		
	(i) Details of the on-site storage	:	Size:

	facility		Capacity:																					
			Provision of on-site storage: (Cold storage or any other provision) – <b>Waste are segregated in colour coded containers as referred in BMW Management Rules-2016</b>																					
	(ii) Disposal facilities		Disposal facilities available at M/s.Globe Biocare																					
			<table> <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> <tr> <td>Incinerators</td><td rowspan="10">Nil</td><td rowspan="10">Nil</td><td rowspan="10">Nil</td></tr> <tr><td>Plasma</td></tr> <tr><td>Pyrolysis</td></tr> <tr><td>Autoclaves</td></tr> <tr><td>Microwave</td></tr> <tr><td>Hydroclave</td></tr> <tr><td>Shredder</td></tr> <tr><td>Needle tip cutter or destroyer</td></tr> <tr><td>Sharps</td></tr> <tr><td>Encapsulation or concrete pit</td></tr> <tr> <td>Deep burial pits</td><td></td><td></td><td></td></tr> </table>	Type of treatment equipment	No of Units	Capacity Kg/day	Quantity Treated or disposed in kg per annum	Incinerators	Nil	Nil	Nil	Plasma	Pyrolysis	Autoclaves	Microwave	Hydroclave	Shredder	Needle tip cutter or destroyer	Sharps	Encapsulation or concrete pit	Deep burial pits			
Type of treatment equipment	No of Units	Capacity Kg/day	Quantity Treated or disposed in kg per annum																					
Incinerators	Nil	Nil	Nil																					
Plasma																								
Pyrolysis																								
Autoclaves																								
Microwave																								
Hydroclave																								
Shredder																								
Needle tip cutter or destroyer																								
Sharps																								
Encapsulation or concrete pit																								
Deep burial pits																								

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			Chemical disinfection:												
			Any other treatment equipment:												
	(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	:	Transportation of BMW to disposal facility is done by M/s.Globe Biocare												
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		<table border="1"> <tr> <td></td> <td>Quantity Generated</td> <td>Where disposed</td> </tr> <tr> <td>Incineration</td> <td>Nil</td> <td></td> </tr> <tr> <td>Ash</td> <td>Nil</td> <td></td> </tr> <tr> <td>ETP Sludge</td> <td>Nil</td> <td></td> </tr> </table>		Quantity Generated	Where disposed	Incineration	Nil		Ash	Nil		ETP Sludge	Nil	
	Quantity Generated	Where disposed													
Incineration	Nil														
Ash	Nil														
ETP Sludge	Nil														
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of		M/s. Globe Biocare Plot No. 144/B, GIDC Estate, Ankleshwar-393002 Dist: Bharuch-Gujarat State												
	(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, ( Attached minutes)												
7	Details trainings conducted on BMW														
	(i) Number of trainings conducted on BMW Management		05												
	(ii) Number of personnel trained		07												
	(iii) Number of personnel trained at the time of induction		07												
	(iv) Number of personnel not undergone any training so far		No												
	(v) Whether standard manual for training is available?		No												
8	Details of the accident occurred during the year														
	(i) Number of Accidents occurred		NA												
	(ii) Number of persons affected		NA												
	(iii) Remedial Action taken (Please attach details if any)		NA												
	(iv) Any Fatality occurred, details		NA												

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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 No Incineration facilities
	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 – No Liquide waste Generation
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	OHC equipment's are being sterilized regularly. During the year we met the standards
12	Any other relevant information (Air Pollution Control Devices attached with the Incinerator)	No applicable

Certified that the above report is for the period from 01.01.2020 to 31.12.2020

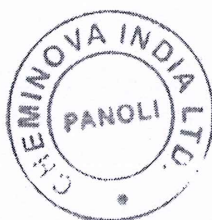


Abhay Arora

Factory Manager

Date: 28.06.2021

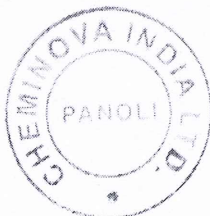
Place: Panoli




### Annexure-1

Month	Site-1 (in gms)			
	YELLOW	WHITE	RED	BLUE
Jan-20	57.8	53.4	270	10
Feb-20	14.2	42.6	2.53	0
Mar-20	5.6	16.2	144	9
Apr-20	12.4	7.2	36	0
May-20	13	39	195	0
Jun-20	68.2	54.6	273	6
Jul-20	53.4	25.2	128	11
Aug-20	111.9	91.6	264.7	0
Sept.-20	44.4	45	234	0
Oct-20	15.4	45	231	0
Nov-20	14.4	27.6	156	0
Dec-20	11.4	34.2	171	0
GMS.	422.1	481.6	2105.23	36

*Gates*





FMC-Cheminova I Ltd, Manufacturing Site, Panoli				
Minutes of Meeting -BMW Committee Meet				
Venue Technical division conference Room				
Time 11.00 am to 11.30 am		Date 09/09/2020		
	Members Present			
	G.R.Patel, Ravindra Dhake, Manoj Luhar, Ravindra Dhake, Shailendra Prasad, Ajay (Male Nurse) Vinod Gohil, Navin Parmar, Tushar Yagnik, Dr. Borasia, Dr. Arzoo Banu. Members who joined through Teams Meet were Mr. Ajay Bharambe, Mr.C.S.P Singh and Mr. Nitin Tada. The member absent was Mr.Nikit Naik			
Sr.No	Points raised by :-	Point discussed	Responsibility	Present Status
1	Mr.G.R Patel	He stressed on strict compliance to maintaining the prescribed permissible quantity limit of monthly bio-medical waste generation.	TPY/NJP/FMO	The quantities are monitored.
2	Mr.Shailendra Prasad	He viewed that consistency in the quantity of the waste generated should be there. Abrupt changes in the quantity may attract a query. Accumulation of the waste also need to be avoided.	TPY/NJP/FMO	The quantities are monitored.
3	Mr.G.R Patel	All the team from OHC need to be administered with Hepatitis and Tetanus vaccine regularly.	TPY/NJP/FMO	The frequency of immunisation need to be ascertained.
4	Mr.Tushar Yagnik	Disposal of used and contaminated face masks should be properly handled by handing it over to the concerned officer from ETP. The collection bags should be duly in a closed condition.	TPY/NJP/KMP	
5	Mr.C.S.P Singh	Cleanliness and hygiene standards in and around Site-2 OHC, need to be improved. Also, a practice to switch off the lights and fans when not in use, to be propagated suitably.	KMP/TPY/FMO	
5	Mr.G.R Patel	Compliance to all the regulations to be sustained in a way for better performance in the forthcoming DAKOTA audit	GRP/TPY/KMP	

Prepared by Tushar P Yagnik

*Gates*

## FMC-Cheminova India Limited, Panoli

### Committee Members of Bio-Medical Waste Management - 2020 Site-1 and Site-2

Sr.No	Name of the member	Division	Position Held
1	Ajay.Bharambe	Technical	Chairman
2	G.R.Patel	Technical	Hon.Secretary
3	Dr.Amit Shah (Visiting Doctor)	N.A	Member
4	Dr.Borasia (FMO) Site-1	N.A	Member
5	Dr. Arzoo Banu (FMO) Site-2	N.A	Member
6	R N Dhake	Technical	Member
7	C.S.P Singh	Intermediate	Member
8	Nitin Tada	Intermediate	Member
9	Tushar.P.Yagnik	Technical	Member
10	Kirit M Patel	Intermediate	Member
11	Shailendra Prasad	Technical	Member
12	Navin Parmar	Technical	Member
13	Nikit Naik	Technical	Member
14	Vinod Gohil	Intermediate	Member
15	Security Supervisor	Technical	Member
16	Security Supervisor	Intermediate	Member
17	Male Nurse	Technical	Member on duty
18	Male Nurse	Intermediate	Member on duty

Prepared by :- Tushar Yagnik

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FMC-Cheminova I Ltd, Manufacturing Site, Panoli				
Minutes of Meeting -BMW Committee Meet				
Venue	Technical division conference Room			
Time	11.00 am to 11.30 am		Date 16/12/2020	
	Members Present			
	G.R.Patel, Ravindra Dhake, Manoj Luhar, Ravindra Dhake, Shailendra Prasad, Ajay (Male Nurse) Vinod Gohil, Navin Parmar, Tushar Yagnik, Dr. Borasia.			
Sr.No	Points raised by :-	Point discussed	Responsibility	Present Status
1	Mr. Tushar Yagnik	The points of last meeting held on 09/09/2020 were read out		
2	Mr.G.R Patel	Whenever a new male nurse joins, he should be imparted a training by FMO. The training should also be given to dresser cum compounder and ward boy.	GRP/TPY/TMS	The training is imparted and records are maintained
3	Mr.G.R Patel	He also insisted that the FMO should have a visit at Globe Bio medical waste works to understand the process better.	GRP/TPY/TMS	
4	Mr. Navin Parmar	He raised a concern for having a system to ensure timely processing and payment clearance of the bills of the vendor.	GRP/TPY/NJP/VG	The point was raised in weekly Governance call and now the process is streamlined
5	Mr. Tushar Yagnik	The used face masks were still observed lying scattered at walkpaths and common placed. A Refresher training for creating the awareness on proper disposal of used masks and the risk of throwing the masks here and there, needs to be conducted	TPY/TMS	Training conducted for contractors
6	Mr. G.R Patel	OHC team should ensure that the biomedical disposal bags are having the bar code.	FMO/NJP	
NEXT DUE DATE OF MEETING JULY-2021				
Prepared by Tushar P Yagnik				

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**FMC-Cheminova India Limited, Panoli**

**Committee Members of Bio-Medical Waste Management - 2020  
Site-1 and Site-2**

Sr.No	Name of the member	Division	Position Held
1	Ajay.Bharambe	Technical	Chairman
2	G.R.Patel	Technical	Hon.Secretary
3	Dr.Amit Shah (Visiting Doctor)	N.A	Member
4	Dr.Borasia (FMO) Site-1	N.A	Member
5	FMO) Site-2	N.A	Member
6	R N Dhake	Technical	Member
7	C.S.P Singh	Intermediate	Member
8	Nitin Tada	Intermediate	Member
9	Tushar.P.Yagnik	Technical	Member
10	Kirit M Patel	Intermediate	Member
11	Shailendra Prasad	Technical	Member
12	Navin Parmar	Technical	Member
13	Nikit Naik	Technical	Member
14	Vinod Gohil	Intermediate	Member
15	Security Supervisor	Technical	Member
16	Security Supervisor	Intermediate	Member
17	Male Nurse	Technical	Member on duty
18	Male Nurse	Intermediate	Member on duty
Prepared by :- Tushar Yagnik			

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