

Syngene

Ref: SYN/EHS/PCB/23/06/23

Date: 23 June 2023

To

Office of the Environmental Officer
Regional Office –Anekal division
Karnataka State Pollution Control Board
Nisarga Bhavan, II Floor
Saneguruvanahalli, Thimmaiah Road
Bangalore - 560 001

Syngene International Limited
Blocon Park SEZ, Bommasandra IV Phase,
Jigani Link Road, Bangalore 560 099,
India.
T +91 80 2808 2808
F +91 80 4014 3150 / 2852 3423
CIN No. L85110KA1993PLC014937
www.syngeneintl.com

Dear Sir,

Sub: Filling of Biomedical waste annual returns in FORM-IV –reg.

Ref. No- KSPCB/RO-Anekal/Addendum-BMW Authorization/Syngene/2019-20/541

Dated- 11/11/2019

With reference to the above captioned subject, we are herewith submitting the details of Biomedical waste annual returns in Form-IV [see rule 13] for January-2022 to December-2022 as per Biomedical Waste (Management and Handling) Rules, 2016 for M/s Syngene International Limited, Plot No 2, 3, 4 & 5, Bommasandra Jigani Link Road, Bommasandra Industrial area, Anekal Taluk, Bangalore-560099.

Request you to kindly accept and acknowledge the receipt of the same and oblige.

Thanking you,

Sincerely Yours

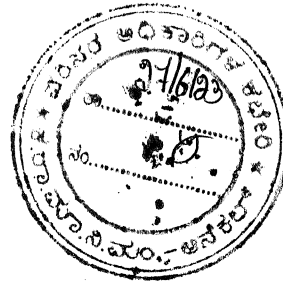
For Syngene International Limited



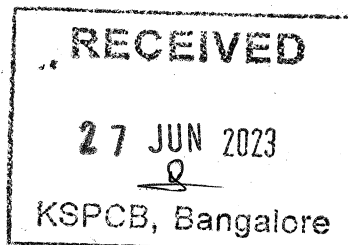
Authorized Signatory

Rajendra Patil

Head EHSS



CC: Sr Environmental officer- Waste Management Cell-Parisara Bhavan Bangalore



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)	: Rajendra Patil
	(ii) Name of HCF or CBMWTF	: M/s. Syngene International Limited
	(iii) Address for Correspondence	: M/s. Syngene International Limited Plot No. 2,3 & 4, Bommasandra industrial area, Jigani - Bommasandra Link Road, Anekal taluk, Bangalore - 560 099
	(iv) Address of Facility	: M/s. Syngene International Limited Plot No. 2,3 & 4, Bommasandra industrial area, Jigani - Bommasandra Link Road, Anekal taluk, Bangalore - 560 099
	(v) Tel. No, Fax. No	: Tel. No: 080 28083004
	(vi) E-mail ID	: rajendra.patil@syngeneintl.com
	(vii) URL of Website	: www.syngeneintl.com
	(viii) GPS coordinates of HCF or CBMWTF	: Not Applicable
	(ix) Ownership of HCF or CBMWTF	: Not Applicable
	(x) Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	: No: KSPCB /RO/Anekal/Addendum BMW authorization/Syngene/2019-20/541- One time authorization
	(xi) Status of Consents under Water Act and Air Act	: AW-329846 valid till 30.06.2026
2.	Type of Health Care Facility	
	(i) Bedded Hospital	: Not Applicable
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	: i. Research and Development in biotechnology projects for novel compounds for new drugs, research laboratory facility including research services in the area of building blocks, process chemistry, analytical research, library synthesis of fine chemicals, food flavors, cosmetics and healthcare industries, generation of samples, custom synthesis of chemical compounds and polymer chemistry and nutraceutical R&D center for development of nutrition product for maternal, child nutrition and diabetes care. ii. Conducting in vivo evaluation of small molecules protein therapeutics in small rodents to address critical pharmacokinetic & toxicity parameters of test molecules.
	(iii) License number and its date of expiry	: No: KSPCB/RO-Anekal/Addendum-BMW Authorization/Syngene/2019-20/541 - One time authorization
3.	Details of CBMWTF	: M/s. Maridi Bio Industries Pvt Limited office at No.5, 2nd Floor, C.M. Plaza, #71, 8th Cross, 1st Main, S.R. Nagar, Bangalore 560027. Plant at: 35th milestone, Gabbaganur, Kaval, Kanakapura Road, Ramnagara Dist, Bangalore 562112,



	(i) Number healthcare facilities covered by CBMWTF	:	Detailed list available with Maridi Bio Industries Pvt Limited																				
	(ii) No of beds covered by CBMWTF	:	Detailed list available with Maridi Bio Industries Pvt Limited																				
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	250 Tons per month																				
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	M/s Maridi Bio Industries Pvt Limited shall submit the details.																				
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category: 74493.75 Kg/Annum																				
:		Red Category: 5756.00 Kg /Annum																					
:		White: 1663.00 Kg /Annum																					
:		Blue Category: 1301.00 Kg/Annum																					
:		General Solid waste: NA																					
5.	Details of the Storage, treatment, transportation, processing, and Disposal Facility																						
	(i) Details of the on-site storage facility		Size: 3x3 Meter																				
			Capacity: 2000 Kg/Day																				
			Provision of on-site storage: Yes																				
	(ii) Disposal facilities		<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>Incinerator</td><td rowspan="10">M/s Maridi Bio Industries Pvt Limited shall submit the details</td><td rowspan="10"></td><td rowspan="10"></td></tr><tr><td>Plasma pyrolysis</td></tr><tr><td>Autoclaves</td></tr><tr><td>Hydroclave</td></tr><tr><td>Shredder</td></tr><tr><td>Needle tip cutter or destroyer</td></tr><tr><td>Sharps encapsulation or concrete pits</td></tr><tr><td>Deep burial pits</td></tr><tr><td>Chemical disinfection</td></tr><tr><td>Any other treatment equipment</td></tr></table>				Type of treatment equipment	No of units	Capacity Kg/day	Quantity treated or disposed in kg per annum	Incinerator	M/s Maridi Bio Industries Pvt Limited shall submit the details			Plasma pyrolysis	Autoclaves	Hydroclave	Shredder	Needle tip cutter or destroyer	Sharps encapsulation or concrete pits	Deep burial pits	Chemical disinfection	Any other treatment equipment
Type of treatment equipment	No of units	Capacity Kg/day	Quantity treated or disposed in kg per annum																				
Incinerator	M/s Maridi Bio Industries Pvt Limited shall submit the details																						
Plasma pyrolysis																							
Autoclaves																							
Hydroclave																							
Shredder																							
Needle tip cutter or destroyer																							
Sharps encapsulation or concrete pits																							
Deep burial pits																							
Chemical disinfection																							
Any other treatment equipment																							
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	:	Not Applicable																				
	(iv) No of vehicles used for collection and transportation of biomedical waste	:	01 Number (KA 01 AM 1654)																				
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		<table><tr><td></td><td>Quantity generated</td><td>Where disposed</td></tr><tr><td>Incineration</td><td rowspan="3">M/s Maridi Bio Industries Pvt Limited shall submit the details</td><td rowspan="3"></td></tr><tr><td>Ash</td></tr><tr><td>ETP Sludge</td></tr></table>					Quantity generated	Where disposed	Incineration	M/s Maridi Bio Industries Pvt Limited shall submit the details		Ash	ETP Sludge									
	Quantity generated	Where disposed																					
Incineration	M/s Maridi Bio Industries Pvt Limited shall submit the details																						
Ash																							
ETP Sludge																							



	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	M/s. Maridi Bio Industries Pvt Limited office at No.5, 2nd Floor, C.M. Plaza, #71, 8th Cross, 1st Main, S.R. Nagar, Bangalore 560027. Plant at: 35th milestone, Gabbadi Kaval, Kanakapura Road, Ramnagara Dist, Bangalore-562112,
	(vii) List of members 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 Minutes of meeting for bio-medical waste management committee is attached herewith as annexure 1
7.	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW Management.	: Several trainings conducted to cover all the employees on biomedical waste management.
	(ii) Number of personnel trained	: 2564 employees trained across Syngene.
	(iii) Number of personnel trained at the time of induction	: Every employee during induction receives a training on biomedical waste management.
	(iv) Number of personnel not undergone any training so far	: Nil
	(v) Whether standard manual for training is available?	: Yes
	(vi) any other information	: NA
8.	Details of the accident occurred during the year	
	(i) Number of Accidents occurred	
	(ii) Number of the persons affected	: Nil
	(iii) Remedial Action taken (Please attach details if any)	
	(iv) Any Fatality occurred, details.	
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	
	Details of Continuous online emission monitoring systems installed	: M/s Maridi Bio Industries Pvt Limited shall submit the details
10.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	: Treatment methods for treatment of liquid waste generated is in place. Set standards are always met.
11.	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	: Disinfection method or sterilization method meets log 4 standards. Set standards are always met.
12.	Any other relevant information	: NA

Certified that the above report is for the period from January-2022 to December-2022

Date: 23/06/2023
Place: Bangalore



(Rajendra Patil)

Name and Signature of the Head of the Institution

(Signature)