



Ref: ALS/BLR/ENV/PCB/2024-25/007

Date: 24/June/2024

The Environmental officer,
Karnataka State Pollution Control Board (KSPCB)
R/O Bangalore South-2, Thimmaiah Road
Nisargha Bhavan, 1st Floor, 7th D Main Shivanagar
Bangalore – 560 010.

Dear Sir,

Sub: Submission of Form 4 Biomedical Waste annual returns – Jan 2023 to Dec - 2023.

With reference to the above subject, please find the attached Form 4 Bio medical Waste annual returns from January -2023 to December - 2023.

Kindly acknowledge the same and oblige.

Thanking you,

Aragen Life Sciences Limited,

Dr. Kanak Majumdar

Vice President

Authorized Signatory



Enclosures:

Annexure 1: Form 4 Bio Waste annual returns Jan -23 to Dec -23

Annexure 2: Types of Biomedical Waste Disposed details Jan -23 to Dec-23

Annexure 3: BMW MOM Copy & Training sheets

Correspondence Address
Aragen Life Sciences Limited
Plot No. 284 Part A, Bommasandra Jigani Link Road
Jigani, Bengaluru 562 106, India
T: +91 80 6814 7676
W: aragen.com

Registered & Corporate Office
Aragen Life Sciences Limited
28 A, IDA Nacharam, Hyderabad 500 076, India
T: +91 40 6692 9999 F: +91 40 6692 9900
CIN: U74999TG2000PLC035826

Annexure 1

Form – IV
(See rule13)
ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th June every year for the period from Jan-23 to Dec-2023 of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBMWTF)]

SL NO	Particulars	
1	Particulars of the Occupier	
	(i) Name of the authorized person(occupier or: operator of facility)	Dr. Sudhir Tiwari
	(ii) Name of HCF or CBMWTF	Aragen Life Sciences Limited, Jigani.
	(iii) Address for Correspondence	Aragen Life Sciences Limited plot no 284-part A, Jigani Bommasandra link road Telephone:7899252275 E-Mail: mohan.venkatesh@aragen.com
	(iv) Address of Facility	Aragen Life Sciences Limited plot no 284-part A, Jigani Bommasandra link road Telephone:7899252275 E-Mail: mohan.venkatesh@aragen.com
	(v)Tel. No, Fax. No	08068147622
	(vi) E-mail ID	mohan.venkatesh@aragen.com
	(vii) URL of Website	www.aragen.com
	(viii) GPS coordinates of HCF orCBMWTF	12° 46' 59.5416''N 77° 38' 54.0096''E
	(ix) Ownership of HCF orCBMWTF	Limited
	(x). Status of Authorization under the Bio-MedicalWaste (Management and Handling) Rules	Authorization No.: 185082/2021-22/729 dated 23 Dec 2021 valid up to Life time
(xi). Status of Consents under Water Act and air act	Valid up to:30/06/2026	
2	Type of Health CareFacility	
	(i) Bedded Hospital	Not applicable
	(ii) Non-bedded hospital Laboratory (Clinic or Blood Bank or Clinical or Research Institute or Veterinary Hospital or any other)	Clinically laboratory
	(iii) License number and its date of expiry	Not applicable
3	Details of CBMWTF	Not applicable
	(i) Number healthcareCBMWTF Facility covered by CBMWTF	Not applicable
	(ii) No of beds covered byCBMWTF	Not applicable
	(iii) Installed treatment and disposal capacity of CBMWTF:	Not applicable
	(iv) Quantity of biomedical waste treated or disposed in kg per day (on monthly average basis)	Enclosed in Annexure I



Form - IV
(See rule13)
ANNUAL REPORT

4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	Yellow Category & Red Category: Enclosed Annexure 1
5	Details of the Storage, treatment, transportation, processing and Disposal Facility	
	1. Details of the Site Storage facility	Size & Capacity: Bio medical waste stored in a well-ventilated area and protected in rain Provision of on-site storage: (cold storage or any other provision) Yes stored in dedicated place with refrigerator.
	2. Disposal facility	Type of treatment Equipment 1.Incinerators 2.Plasma Pyrolysis 3.Autoclaves 4. Microwave 5.Hydroclave 6. Shredder 7.Needle tip cutter or destroyer 8. Sharps encapsulation or - 9. concrete pit 10. Deep burial pits: 11. Chemical disinfection: Any other treatment equipment- Not applicable
	(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	Not applicable
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	Not applicable
	(vi) Name of the Common Bio- : Medical Waste Treatment Facility Operator through which wastes are disposed off	Maridi Bio Industries Pvt Ltd Building No.8, "SUNAGA ARCADE", 1St Main, 8th Cross Rd, Sampangi Rama Nagar, Bengaluru, Karnataka 560027
	(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, enclosed in annexure 2
7	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW	Enclosed in Annexure 2
	(ii) number of personnel trained	Enclosed in Annexure 2
	(iii)number of personnel trains at the time of induction	Enclosed in Annexure 2
	(iv) number of personnel not	

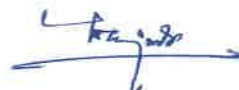


Form – IV
(See rule13)
ANNUAL REPORT

	undergone any training so far	
	(v) whether standard manual for training is available?	A standard PPT and biomedical waste management rules 2016 is referred for training
	(vi) any other information)	Nil
8	Details of the accident occurred during the year	Nil
	(i) Number of Accidents occurred	Nil
	(ii) Number of the persons affected	Nil
	(iii) Remedial Action taken (Please attach details if any)	Nil
	(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?	Not Applicable
	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
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 of biomedical waste effluent primary treatment done with Sodium hypochlorite.
12	Any other relevant information	Not Applicable

Certified that the above report is for the period from 01/01/2023 to 31/12/2023

Date: 24/06/2024
Place: Bangalore


Name and Signature of the Head Institution



Annexure 2

Annexure -2

Types of Biomedical waste generated and disposed for the period January 1st 2023 to December 31st 2023

S No	Months	Red Category Contaminated waste (Recyclable)	Yellow Category a) Human Anatomical waste b. Animal Anatomical waste c. Solid waste d) Expired discarded medicines E) Chemical solid waste F) Chemical liquid waste g) Discarded linen, matters, beddings contaminated with blood or Body fluid h) Microbiology, Biotechnology and other Clinical lab waste	White Category (Translucent) Waste sharps including Metals	Blue Category a. Glass ware b. metallic body implants
1	Jan-23	511.62	34	NIL	NIL
2	Feb-23	526.5	33.87	NIL	NIL
3	Mar-23	591.7	16	NIL	NIL
4	Apr-23	413.82	32	NIL	NIL
5	May-23	770	48	NIL	NIL
6	Jun-23	683.1	44.89	NIL	NIL
7	Jul-23	601.9	44	NIL	NIL
8	Aug-23	665	44	NIL	NIL
9	Sep-23	869.8	44	NIL	NIL
10	Oct-23	969	54	NIL	NIL
11	Nov-23	1164	16	NIL	NIL
12	Dec-23	1286	44	NIL	NIL
Total Quantity of waste generated / disposed (Kg/month) on Average		9052.44 / 754.38	454.76 / 37.8	NIL	NIL



Annexure 3

Topic:

Hazardous Waste Management and Water Conservation

Date:

01/02/2024

Time

From: 11:00

To: 12:00

Objective of the Training:


waste Segregation, disposal, Handling, ETP, STP


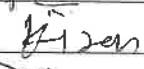
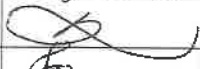

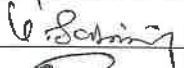



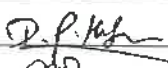

Methodology: Oral

PARTICIPANTS

Sl.no	Name of the Employee	E. Code	Department	Designation	Signature
1	Santhosh A.S	21520	Synthesis	SRA	Santhosh A.S
2	Sneha K	21476	"	P.A	Sneha K
3	Prakash K	21593	Synthesis	RA	Prakash
4	denis	21327	"	BRA	S. De
5	Arceti	20151	"	"	Associate
6	Kiran	19944	"	"	Kiran
7	Laxmi G	20150	"	PA	Laxmi G
8	Mangababu	20889	"	AS	Mangababu
9	Aslam	21482	"	RA	Aslam
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Trainer Details

Name	Jagan S	Signature	
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Topic: Hazardous Waste Management and Waste Conservation		Date: 2/02/2024			
		Time			
		From: 11:00	To: 12:00		
Objective of the Training: Segregation, Disposal, Handling, STP, ETP					
Methodology:					
PARTICIPANTS					
Sl.no	Name of the Employee	E. Code	Department	Designation	Signature
1	Leta P	22684	Synthesis	P2	
2	Kizan	20923	"	P2	
3	Sagar	20817	-	-	
4	Shailesh	21409	-1-	P2	
5	SATHISH.K	22692	"	P2	
6	Surya	21009	-12	P2	
7	Sachinkumar.S	21683	"	P2	
8	Roopa. H.M	20772	-	P1	
9	DARSHAN	21666	-1-	P.	
10	Mahesh	218423	-1-	P-3	
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Trainer Details			
Name	Jagan.S	Signature	

Topic: Hazardous Waste management & water conservation

Date: 8/02/2024











Time

From: 11:00 To: 12:00

Objective of the Training: Handling, disposal avenues, ETP and STP

Methodology: Oral

PARTICIPANTS

Sl.no	Name of the Employee	E. Code	Department	Designation	Signature
1	Arinash Puffi	18384	Amthar's	A.S.	
2	Gumpalad	20732	---	R.A	
3	Anusha Kadini	20728	---	R.A	
4	Kathane Mayur D.	18797	---	S.K.A.	
5	Vaibhav Molate	18292	---	AS	
6	Dnyaneshwar Falke	22488	---	SRA	
7	Mahadev Bekkeri	22572	"	SRA	
8	Kishori Mohan	22639	---	SRA	
9	Choneha Hebbar	27760	"	SRA	
10	Dr. Sayani Das	23191	"	A.S	
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Trainer Details

Name	Jagan. S	Signature	
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Bio Medical Waste Committee Members List

S No	Name	Designation
1	Dr. Sachin Atole	Chairman
2	Dr. Sudir Tiwari	Expert Member
3	Mr. Mohan Kumar	Secretary
4	Mr. Siva Mahamkali	Member
5	Mr. Suresh Earla	Member
6	Mr. Raju Gotte	Member
7	Mr. Jagan Sabapathi	Member
8	Mr. Girish	Member


Prepared By

Mr. Mohan Kumar
EHS


19 May 2024

Approved By
Dr. Sachin Atole
DMPK



MINUTES OF BIO MEDICAL COMMITTEE MEETING



Meeting No.: FY 23-24 - 2		Held On: 14/09/2023			
S. No	Observations	Corrective Action	Person Responsible	Target Date	Status
1	Previous meeting MOM Points compliance reviewed	Compliance status verified	EHS & DMPK	NA	- NA -
2	New Joiners shall undergo BMW Training program	Training Program will organize for new Joiners	EHS		
3	Training Program for all PK & Onco employees (Blood borne pathogen, zoonosis animal allergies, Chemical hygiene exposure control protection)	Training Program will Organize for PK & Onco Employees	EHS	13.10.2023	12/10/2023 Completed
4	BMW committee expert member Dr. Sudir Tiwari is included in the committee list.	Committee member list needs to be change	EHS	26.09.2023	26/09/2023 Completed

Secretary *[Signature]*
Safety Committee

[Signature]
Chairman - Safety Committee

Cc to: All Committee Members



MINUTES OF BIO MEDICAL WASTE COMMITTEE MEETING



Meeting No.: FY 22-23-02		Held On: 28. Mar .2023			
S. No	Observations	Corrective Action	Person Responsible	Target Date	Status
1	Previous meeting MOM points compliance reviewed	Compliance status verified	EHS & DMPK	NA	NA
2	Biomedical waste agreement renewal needs to do	Coordination with KSPCB vendor and finance team for agreement renewal (service letter provided from Feb-23 to Apr-23.	EHS	May-23	15/may/2023 Completed
3	New Joiners shall undergo Biomedical waste handling training program	Training program will organize for new joiners	EHS	May-23	31/05/2023 Completed
4	Vaccination for new joiners needs to organize	Vaccination drive will organize for new joiners	EHS	May-23	Completed 24/05/2023

Stake
28 May 2023

Chairman - Safety Committee



Shravan
Secretary - Safety Committee
Cc to: All Committee Members

Topic: *Hazardous Waste Management*Date: *31/01/2024*

Time

From: *2:00*To: *2:30*Objective of the Training: *Segregation, disposal Procedure*

Methodology:

PARTICIPANTS

Sl.no	Name of the Employee	E. Code	Department	Designation	Signature
1	<i>Degpal Kumar Yadav</i>		<i>PDL</i>	<i>Lab Boy</i>	<i>31/01/2024</i>
2	<i>Bhaskarajin. C. S.</i>		<i>PDL</i>	<i>Lab Boy</i>	<i>31/01/24</i>
3	<i>Biswajit Mohanty</i>		<i>PDL</i>	<i>Lab Boy</i>	<i>31/01/24</i>
4	<i>Praveen Rajanagi</i>		<i>PDL</i>	<i>Lab Boy</i>	<i>31/01/24</i>
5	<i>Lachit Bora</i>		<i>PDL</i>	<i>Lab Boy</i>	<i>31/01/24</i>
6	<i>Rakesh Kumar</i>		<i>PDL</i>	<i>Lab Boy</i>	<i>31/01/24</i>
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Trainer Details

Name	<i>Jagan S</i>	Signature	<i>Jagan S</i>
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Topic:

Haridous Waile Training

Date:

9/01/2024

Time

From: 3 30

To: 4 30



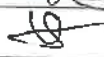



Objective of the Training:

waile Reggulation,

Methodology:

Oral

PARTICIPANTS

Sl.no	Name of the Employee	E. Code	Department	Designation	Signature
1	Venkatappaiah V	20202	Synthaus	P3	
2	Philip Shinde	18352	"	P3	
3	Chandrashekar J.K	20207	"	PL	
4	Srinivasulu P	21875	"	P3	
5	Arund	20992	"	P3	
6	Mr. SRIDHAR BABU	18462	"	P3	
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Trainer Details

Name	Jagan	Signature	
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Topic:

Haridow Waste Management and Water Conservation

Date:

01/02/2024

Time

From: 11:00

To: 12:00

Objective of the Training:

waste Segregation, disposal, Handling, ETP, STP

Methodology: Oral

PARTICIPANTS

Sl.no	Name of the Employee	E. Code	Department	Designation	Signature
1	Santhosh A.S	21520	Synthesis	SRA	Santhosh A.S
2	Sneha R	21476	"	P.A	Sneha R
3	Prakash K	21593	Synthesis	RA	PK
4	devi.s	21327	"	SRA	S. Devi
5	Arcati	20151	"	"	Associate
6	kiran	19944	"	"	Kiran
7	Laxmi G	20150	"	PA	Laxmi G
8	Mangababhy	20559	"	AS	M. Babhy
9	Aslam	21482	"	RA	Aslam
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Trainer Details

Name	Jagan. S	Signature	
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Topic:

Hazardous Waste management & water conservation

Date:

8/02/2024

Time

From: 11:00











To: 12:00

Objective of the Training:

Handling, disposal avenues, ETP and STP

Methodology: oral

PARTICIPANTS

Sl.no	Name of the Employee	E. Code	Department	Designation	Signature
1	Avinash Patti	18384	Wastewater	A.S.	
2	Ganprasad	20732	-	R.A	
3	Anusha Kadini	20728	-	R.A	
4	Pathane Mayur D.	18797	-	S.R.A.	
5	Vaibhav Molate	18292	-	AS	
6	Amashwa Falke	22488	-	SRA	
7	Mahadev Bekkeri	22572	"	SRA	
8	Kishori Mohan	22639	-	SRA	
9	Chandha Tebbes	22764	"	SRA	
10	Dr. Sayani Das	23191	"	A.S	
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Trainer Details

Name	Jagan. S	Signature	
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Topic:

Hazardous Waste Management and Waste
Conservation

Date: 2/02/2024

Time

From: 11:00

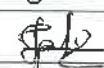
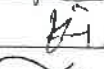

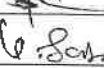

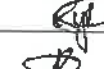
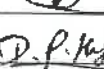


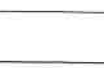
To: 12:00

Objective of the Training:

Segregation, Disposal, Handling, STP, ETP.

Methodology:

PARTICIPANTS

Sl.no	Name of the Employee	E. Code	Department	Designation	Signature
1	Leta P	22684	Synthesis	P2	
2	Kiran	20923	"	P2	
3	Sagar	20817	-	-	
4	Shailesh	21409	-1-	P2	
5	SATHISH.K	22692	"	P2	
6	Surya	21009	-LL	-P2	
7	Sachinkumar.S	21695	"	P2	
8	Roopa. HM	20772	-	P1	
9	DARSHAN	21666	-1-	P.	
10	Mahek	218423	-1-	P.3	
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Trainer Details

Name	Jagan.S	Signature	
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