



ST. JOHN'S NATIONAL ACADEMY OF HEALTH SCIENCES
ST. JOHN'S MEDICAL COLLEGE HOSPITAL

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SJMCH/ADM/3266.

13.02.2020

To,

Karnataka State Pollution Control Board.
Regional office Bangalore City,
Nisagra Bhavan, 1st floor,
7th "D" Main Road,
Bangalore-560010.

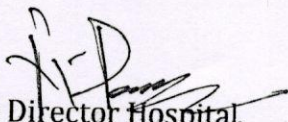
Kind Attention: Environment Officer.

Dear Sir,

SUB: SUBMISSION OF FORM IV (ANNUAL REPORT)

Enclosed please find form IV for Bio-Medical Waste generated with respect to St. Johns Medical College & Hospital for the Year **01.01.2019** to **31.12.2019**(for Bio-Medical Waste)

Yours Sincerely


Associate Director Hospital.

St. John's Medical College Hospital

Associate Director
St. John's Medical College Hospital
Bangalore-560 034.



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	:	THE ASSOCIATE DIRECTOR
	(i) Name of the authorised person (occupier or operator of facility)	:	REV. FR. PRADEEP KUMAR SAMOD
	(ii) Name of HCF or CBMWTF	:	ST. JOHN'S MEDICAL COLLEGE HOSPITAL
	(iii) Address for Correspondence	:	SARJAPUR ROAD, BENGALURU- 560034
	(iv) Address of Facility	:	
	(v) Tel. No, Fax. No	:	080-22065301; 080-25530070
	(vi) E-mail ID	:	simch.admin.office@stjohns.in
	(vii) URL of Website	:	www.stjohns.in
	(viii) GPS coordinates of HCF or CBMWTF	:	-
	(ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other)
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: KSPCB. [115]. BMW. 2018 / Reg No. 150616 O.S. O.R. 2018. valid up to 30.06. 2021
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: AW - 305801, PCB ID: 29085 30.06.2021
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds: 1720 [1020 + 700]
	(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	:	5023151317190713402 ; 31/03/2020
3.	Details of CBMWTF	:	-
	(i) Number healthcare facilities covered by CBMWTF	:	-
	(ii) No of beds covered by CBMWTF	:	-
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	- Kg per day

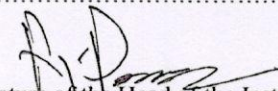
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	— Kg/day		
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis) ENCLOSED MARIDI COPY - MONTHLY BASIS	:	Yellow Category	:	1,56,565.6 Kg/year
			Red Category	:	1,81,339 kg/year
			White:	:	16,449.5 kg/year
			Blue Category	:	32,643.5 kg/year
	General Solid waste:	:	1918.2 kg/year		
5	Details of the Storage, treatment, transportation, processing and Disposal Facility				
	(i) Details of the on-site storage facility	:	Size :		
			Capacity :		
			Provision of on-site storage : (cold storage or any other provision)		
	(ii) Details of the treatment or disposal facilities	:	Type of treatment equipment	No of units	Capacity Quantity treated or disposed in kg per annum
			Incinerators		
			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:		
	(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	:	— NA —	Quantity generated	Where disposed

	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	MARIDI ECO INDUSTRIES 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	YES
7	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW Management.	ONCE IN 15 DAYS FOR ALL THE HEALTH CARE WORKERS.
	(ii) number of personnel trained	HCW [ENTIRE ACADEMY OF ST. JOHNS]
	(iii) number of personnel trained at the time of induction	
	(iv) number of personnel not undergone any training so far	FEW NEW RECRUITER OF HEALTH CARE WORKERS.
	(v) whether standard manual for training is available?	YES.
	(vi) any other information)	-
8	Details of the accident occurred during the year	NEEDLES STICK INJURY/SHARP SPLASH INJURY
	(i) Number of Accidents occurred	12 PER MONTH.
	(ii) Number of the persons affected	HEALTH CARE WORKERS.
	(iii) Remedial Action taken (Please attach details if any)	SOON AFTER INJURY PERSONALS TAKEN CARE
	(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	-
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	NIL
11	Is the disinfection method or sterilization meeting the log 4	MEETING THE LOG 4 STANDARDS

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

Certified that the above report is for the period from

..... JAN. 2019 To DEC. 2019


 Name and Signature of the Head of the Institution

Date: 13.02.2020 .
 Place BANGALORE .

Associate Director
 St. John's Medical College Hospital
 Bangalore-560 034.



MARIDI
ECO INDUSTRIES PVT. LTD
Dedicated to improve people's life

CERTIFICATE OF TREATMENT

Date: 17.01.2020

To
Reg.No:341
M/s St Johns Medical College Hospital
Sarjapura Road
Koramangala,
Bangalore - 560034

Dear Sir/Madam,

This is to inform you that, we have collected following quantity of Bio-Medical Waste from your Hospital and the same has been treated and disposed as per K.S.P.C.B. guidelines.

Average Waste collected from your Hospital January-2019 to December-2019

SL.No.	Months	Yellow (in kgs)	Red (in Kgs)	Cytotoxic (in kgs)	Blue (in Kgs)	Sharp CANTAINER
1	January	12,458.650kg	15,320.950kg	103.650kg	3122.300kg	1656.950kg
2	February	12,251.200kg	14,547kg	118.700kg	2809.750kg	1306.500kg
3	March	12,496.600kg	15,284.150kg	87.800kg	2794.250kg	1439.150kg
4	April	11,644.800kg	14,186.150kg	164.100kg	2480.050kg	1323.250kg
5	May	13,161.900kg	15,360.500kg	182.300kg	3063.200kg	1497.350kg
6	June	13,130.500kg	14,356.850kg	189kg	2788.250kg	1227.050kg
7	July	14,628.500kg	16,317.100kg	250.250kg	2828.250kg	1336.650kg
8	August	14,976.850kg	16,640.350kg	139.900kg	2544.900kg	1436.900kg
9	September	14,678.150kg	16,401.250kg	123.950kg	3072.150kg	1302.150kg
10	October	12,963.700kg	14,660.600kg	162.050kg	2486.300kg	1523.850kg
11	November	13,101.250kg	15,202.450kg	173.600kg	2596.800kg	1287.450kg
12	December	11,073.550kg	13,061.650kg	222.900kg	2057.300kg	1112.250kg
	Grand Total	1,56,565.650kg	1,81,339kg	1918.200kg	32,643.500kg	16,449.500kg

This is for your kind information.

Thanking you,

Yours truly,

For Maridi Eco Industries Pvt Ltd

Authorized Signatory



St. Johns Medical College Hospital

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DOCTORS TRAINING-2019			
DATE	DEPARTMENT	NO OF PARTICIPANTS	
27/06/2019	UROLOGY	15	
13/06/2019	PEADATRIC	23	
06/11/2019	ENT/GEN SURGERY/CENTRAL LAB	30	
06/10/2019	OBG DOCTOR	26	
06/10/2019	ORTH/GASTRO	14	
06/10/2019	PEAD SURGERY	8	
06/08/2019	GYNE ONCO/RADATION/PAIN AND PALLATIVE	16	
06/07/2019	PMR	8	
06/06/2019	PSYCHITARY/OPHTHAL/DENTAL/NEPHROLOGY	33	
06/04/2019	CHEST MEDICINE ONCO	15	
06/03/2019	NUROLOGY	7	
30/05/2019	EMR MED	7	
29/05/2019	ENDO/MEDICINE/PLASTIC SURGERY	21	
27/05/2019	SURGERY ONCO/MEDICAL ONCO	13	
15/04/2019	PEADATRIC	20	
TOTAL		256	
STUDENTS			
DATE	DEPARTMENT	NO OF PARTICIPANTS	
13/09/2019	MBBS STUDENTS	107	
09/02/2019	PARAMEDICAL STUDENTS	183	
16/05/2019	PGS	32	
07/02/2019	PGS	36	
16/05/2019	MBBS INTERENS	13	
13/02/2019	INTERENS ORANTATION	59	
13/02/2019	INTERNS	57	
06/11/2019	BSC NURSING STUDENT	46	
28/05/2019	BSC NURSING STUDENT	50	
TOTAL		583	
TECHNICIAN/PHYSIOTHERAPIST			
DATE	DEPARTMENT	NO OF PARTICIPANTS	
15/06/2019	PHYSIOTHERAPIST	22	
31/05/2019	PHYSIOTHERAPIST	4	
SUPPORTING DEPARTMENT			
DATE	DEPARTMENT	NO OF PARTICIPANTS	
26/11/2019	DIATERY	43	
26/06/2019	LAUNDARY	59	
21/06/2019	HOUSE KEEPING	11	

18/05/2019	DIATERY	28
	NURSING AIDES	
DATE	DEPARTMENT	NO OF PARTICIPANTS
13/06/2019	NURSING AIDES	26
06/07/2019	NURSING AIDES	29
06/06/2019	NURSING AIDES	16
06/04/2019	NURSING AIDES	16
06/03/2019	NURSING AIDES	13
31/05/2019	NURSING AIDES	8
30/05/2019	NURSING AIDES	25
29/05/2019	NURSING AIDES	43
28/05/2019	NURSING AIDES	45
28/05/2019	NURSING AIDES	10
27/05/2019	NURSING AIDES	26
24/05/2019	NURSING AIDES	32
24/05/2019	NURSING AIDES	11
23/05/2019	NURSING AIDES	13
21/02/2019	NURSING AIDES	20
TOTAL		333
	STAFF NURSES	
DATE	DEPARTMENT	NO OF PARTICIPANTS
16/10/2019	MICU	10
10/11/2019	MICU	15
10/10/2019	MICU	31
25/09/2019	STAFF NURSES	14
24/09/2019	STAFF NURSES	14
08/12/2019	STAFF NURSES	66
20/07/2019	STAFF NURSES	41
16/07/2019	STAFF NURSES	44
13/06/2019	NEW STAFF NURSES	48
21/05/2019	NEW STAFF NURSES	46
15/04/2019	NEW STAFF NURSES	44
14/03/2019	S ICU	12
14/03/2019	STAFF NURSES	49
19/03/2019	1 ST YEAR GNM	57
TOTAL		491

St. Johns Medical College Hospital**Bangalore - 34**

INDUCTION CLASS FOR STAFF NURSES			
DATE	DEPARTMENT	NO OF PARTICIPANTS	
21/11/2019	INDUCTION CLASS STAFF NURSE	35	
24/10/2019	INDUCTION CLASS STAFF NURSE	62	
25/10/2019	INDUCTION CLASS STAFF NURSE	45	
26/8/2019	INDUCTION CLASS STAFF NURSE	33	
28/08/2019	INDUCTION CLASS STAFF NURSE	31	
17/08/2019	INDUCTION CLASS STAFF NURSE	65	
18/06/2019	INDUCTION CLASS STAFF NURSE	48	
16/05/2019	INDUCTION CLASS STAFF NURSE	46	
02/12/2019	INDUCTION CLASS STAFF NURSES	45	
02/09/2019	INDUCTION CLASS STAFF NURSES	44	
TOTAL		454	

St. Johns Medical College Hospital

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NEEDLE STRICK INJURY AND BLOOD AND BODY FLUID EXPOSURE 2019

MONTH	NSI	SHARP	SPLASH	DOCTORS	STAFF NURSE	STUDENT	TECHNICIAN	NURSING AIDE	HOUSE KEEPING STAFF	PHLOBOMTTIST
JANUARY	6	4	NILL	2	4	1	1	1	1	NILL
FEBRUARY	9	0	1	2	5	2	NILL	NILL	1	NILL
MARCH	12	1	NILL	3	6	3	NILL	NILL	1	1
APRIL	6	1	NILL	1	4	2	NILL	NILL	NILL	NILL
MAY	6	NILL	1	2	3	1	NILL	NILL	NILL	1
JUNE	6	NILL	1	1	3	1	NILL	NILL	NILL	NILL
JULY	11	4	NILL	5	3	3	1	1	1	2
AUGUST	15	NILL	1	5	8	2	NILL	NILL	1	NILL
SEPTEMBER	9	NILL	1	4	5	NILL	NILL	NILL	1	NILL
OCTOBER	12	NILL	NILL	5	5	NILL	NILL	1	NILL	1
NOVEMBER	10	NILL	2	8	3	1	NILL	NILL	NILL	NILL
DECEMBER	11	NILL	5	9	5	1	NILL	1	NILL	NILL
TOTAL	113	10	12	47	54	17	2	4	6	5