

Date: 28.2.19

To:

The District Environmental Engineer,
Tamilnadu Pollution Control Board,
Maraimalai Nagar, Kanchipuram District.

Dear Sir,

Sub:- Bio-Medical Waste (BMW) - Under Bio - Medical Waste Man-
Handling Rules, 1998 - Furnishing of Returns for the period
January 2018 to December 2018. Form No: II - Submission - II.

Please find enclosed herewith the **Form-II**, Annual returns for the period from
January 2018 to December 2018 for your reference.

Kindly acknowledge the receipt of the same.

Thanking You

Yours faithfully,

For Apollo Hospital Enterprises Ltd.


Authorized Signatory

A. Munusamy
Manager- Engineering
Apollo Medical Centre,
Karapakkam, Chennai-97

Encl: - Form-II



of App

Name of the Authorised Person (Occup

Mrs. Kannakshi

i. Name of the Institution & Address

APOLLO HOSPITALS ENTERPRISES LIMITED
No: 2/319, Old Mahabalipuram Road, Karapakkam,
Chennai – 600 096.

ii. Tel. No

30705707

Category of Waste Generated and Quantity of Monthly average basis

MONTHLY REGISTER FOR BIO MEDICAL WASTE GENERATION FOR THE YEAR 2017									
T No-1 (Human Anatomical Waste)	CAT No - 3 (Microbiological Waste) - Nil	CAT No-6 (Solid Waste) Dressings	CAT No - 3 (Microbiological Waste) PART - Nil	CAT No-6 (Solid Waste) Dressings	CAT No-7 (Solid Waste)	CAT No-4 (Waste Sharps)	CAT No-7 (Solid Waste)	CAT No-5 (Discarded medicines and cytotoxic drugs)	CAT No - 10 Chemical Waste (solid) chemicals used in the productions of biologicals, chemicals used in disinfection, chemicals used as insecticides etc (solid)
	YELLOW BINS in Gms			RED BINS in Gms			BLUE BINS in Gms		BLACK BINS in Gms
	302800			154200			19500		NA
	320600			131150			15300		NA
	362000			123000			21000		NA
	193600			58200			64100		NA
	310800			83900			20700		NA
	333900			81100			24000		NA
	281000			81200			32900		NA
	285000			58600			7300		NA
	209700			112100			15200		NA
	342100			142700			22800		NA
	280100			129500			16600		NA
	194600			91300			20000		NA
	3416200			1246950			279400		NA

Revenue,

Chennai,

No: 37, Old No.

Adyar, Chennai

044 - 24451683

iii. Tel No, Telex No, Fax No

4 Category wise quantity of wasted treated

Given Above Table

5 Mode of Treatment with details

Autoclaving, Shredding, Land Fill, Incineration and ETP

6 Any other Information

Nil

7 Certified that above report is for the period from

January - 2018 to December - 2018

I do hereby declare that the statement made and information given are true to the best of knowledge and belief and that, I have not concealed any information. I do also hereby undertake to provide any further information sought by the prescribed authority in relation to these rules and to fulfill any condition stipulate by the prescribed authority.

Date 28/02/19

Place: Chennai


Signature

[10TH SAFETY COMMITTEE MEETING]

MINUTES

JUNE 05, 2018 04:00PM – 04:30PM

314 ROOM @ 3RD FLOOR

MEETING CALLED BY	Quality System
TYPE OF MEETING	Safety Committee Meeting
FACILITATOR	Mr.Munusamy – Maintenance Engineer
MINUTED BY	Mr. Shanmugasundaram
ATTENDEES	S. Baskaran – DGM (Safety), Priya – Operations, S. Prema – DNS, S. Rajesh Kumar - HK, Cathrine Isabel, R. Sharmila – BME, D. Selvakumari – Charge Nurse, S. Venkatesan – Sr.Technician, Alameen-Security, Dr.Vignesh RSO.
ABSENTEES	Nil
NEXT MEETING DUE	Sep 2018

AGENDA TOPICS

TOPIC	ACTION PLAN	RESPONSIBILITY & EDC
Previous minutes facility rounds. 11 Pending points to be completed	To discuss with the GM operations and get the approval.	Engg/OP/F&B 31/08/2018
<u>Patient safety - Incidents if any</u> ➤ All the Patient cot safety belts to be replaced with the desired length.	To speak to the supplier and purchase department for replacing the belt	HK/ Purchase 30/06/2018
<u>Employee safety - Incidents if any</u> ➤ Vaccination for all relevant staff	To speak to the HR and to get approval for the same.	ICN/HR/ HK/F&B/ Engg/ OPS 30/06/2018
<u>Lab – MSDS</u> ➤ The list of chemicals to be sent from all the user departments to the Hazmat champion and the Lab incharge to prepare the MSDS	Stake holders to send the updated list of chemicals used in the department to the concerned heads.	Engg/HK/Nursing/LAB/F &B/Radiology/ Pharmacy 30/06/2018
<u>License and returns updating</u> ➤ Pending licenses to be updated	Application to be sent for all the licenses which are due to renewal	QSO/OPS/Engg/F&B/ Radiology/pharmacy 31/08/2018
<u>Radiology - incidents if any</u>	To be completed	RSO/QSO/OPS/Radiology 30/06/2018

<ul style="list-style-type: none"> ➤ Radiation leakage test to be done for X Ray, Dexa and Mammogram rooms ➤ Disposal of Heparin ➤ Testing of Badges for technician as per the schedule 		
<p><u>Infection control status</u></p> <ul style="list-style-type: none"> ➤ HIC meeting points to be included in the Safety meeting PPT. vaccination schedules and Needle stick injury reports to be incorporated. ➤ Water test as per the schedule ➤ Patent food test 	Infection control points to be included	ICN/QSO/OPS/Safety coordinator 30/06/2018
<p><u>Safety training status</u></p> <ul style="list-style-type: none"> ➤ Mock drills and training as per the schedule 	QIPS calendar to be followed	All Stake holders 30/06/2018
<p><u>Hazmat incidents</u></p> <ul style="list-style-type: none"> ➤ To identify the Hazmat department wise and provide Hazmat cupboard where ever necessary. 	To check and identify the need	QSO/HK/ICN/LAB/Nursing 30/06/2018
<p><u>Bio-Medical Waste Segregation</u></p> <ul style="list-style-type: none"> ➤ To ensure that the Bio-Medical Waste quantity matching the category wise as per the TNPCB approved license quantity of waste disposal. ➤ To submit the Form IV to TNPCB before 30 th JUNE of every year ➤ To update the BMW segregation quantity through on line in daily basis. 	To follow the same and in case of deviations, immediate escalations to be made.	HK/QSO/Engg 30/06/2018
<p>Scrap item:</p> <ul style="list-style-type: none"> ➤ The Hospital scrap items send through scrap committee and get approval 	To follow the same	All stake holders 15/06/2018

[12TH SAFETY COMMITTEE MEETING]

MINUTES

DEC 4, 2018 02:30PM – 03:00PM

TRAINING ROOM

MEETING CALLED BY	GM-Operations
TYPE OF MEETING	Safety Committee Meeting
FACILITATOR	Mr.Munusamy – Maintenance Engineer
MINUTED BY	Mr.Shanmugasundaram
ATTENDEES	Ms.Kamakshi- GM Operations, Dr.Anuradha –MS Mr.Giridhar – DGM Ops Dr.Pratibha- Lab Incharge Ms.Selvakumari- Patient safety officer Mr.Vigneshwaran- HR Ms.Dina-Quality Mr.Gunasekaran- Security officer Mr.Ramesh –Pharmacy Manager Ms.Maria- Clinical pharmacist
ABSENTEES	Nil
NEXT MEETING DUE	Apr 2019

AGENDA:

1. Previous Meeting Minutes
2. Previous facility rounds
3. License details update
4. Patient Safety
5. Employee safety
6. Lab - MSDS Report
7. Radiation Safety
8. Infection control

9. Safety Training status
10. Hazmat incidents if any
11. Statutory complaints if any

TOPIC	Action Plan	Responsibility & EDC
Previous meeting minutes were closed except Fire Lift conversion and CMDA approval		
Quality Monitors for the last 3 months period was discussed.	-	-
TLD batch verification to be done for new Joiner in Radiology Department.	To be co-ordinated with Me.Rajan	Ms.Dina -Quality 31/03/2019
Pollution control certificate license for ambulance to be renewed	To liase with concerned person	Mr.Munusamy-Engineering 15/01/2019
Radiation Safety officer -final approval certificate awaiting from AERB	To be co-ordinated with AERB for getting it on time.	Mr.Munusamy-Engineering 15/01/2019
Bio medical waste quantity generation report to be supported to QSO on monthly basis.	Mr.Rajesh agreed to send along with monthly report.	Mr.Rajesh-Housekeeping HOD Immediate effect.
Addition of new chemicals in the MSDS.	HODs to ensure that departmental wise new chemical list to be sent to HAZMAT champion	Mr.Rajesh-Housekeeping HOD 15/01/2019
Safety week celebration	To be conducted	Mr.Munusamy-Engineering

Chairperson Signature:

Mrs. K. Kamakshi