

**Father Muller Maintenance Department
Maintenance Plan**

Daily Maintenance

1.	Manifold Room :	
	Oxygen Manifold - 2 No	
	Nitrous Manifold -1 No	
	Nitrogen Manifold - 1 No	
	Air Compressor 10 Hp - 2 No	
	Air Dryer- – 2 No	
	Suction Pump 10 Hp 2	
	Suction Pump 5 Hp	
2.	Liquid Oxygen Plant	
3.	Diesel Generators	
	1250 KVA D.G – 2 No	
	750 KVA D.G – 1 No	
	Sync Panel	
	D.G Cooling Tower – 3 No	
	Auxiliary Panels- 3 No	
	Earth Chambers - 14 No	
4.	ATS Panel	
	Distribution Panel	
	UPS – 2 No	
	3 KVA	
	5 KVA	
	Capacitor Bank- 2 No	
	500 KVAr	
	300 KVAr	
Earth Chambers - 4 No		
5.	Transformers	
	1250 KVA T.C – 1 No	
	750 KVA T.C – 1 No	
	Earth Chambers-16 No	

	V.C.B 11 KVA – 6 No	
6.	Dialysis Water Filters Back Wash	
	Sand Filters – 7 No	
	Carbon Filters – 7 No	
	Softener Filters – 7 No	
7.	Reverse Osmosis Plant	
	2000 LPH – 4 No	
	500 LPH -1 No	
	250 LPH – 2 No	
8.	Morgue Freezers	
	3 Bodies – 1 No	
	4 Bodies – 3 No	
9.	Laundry Equipments	
	Washing Machine – 5 No	
	Hydro Extractors – 5 No	
	Dryers – 3no	
	Calendar Machine – 1 No	
	Air Compressors 5 Hp – 1 No	
	Blower motor	
10.	STP 700 KLD	
	Blowers - 2 No	
	25HP - 1 No	
	15 HP – 1 No	
	Water Pumps – 11 No	
	Filters - 4 No	
11.	Critical Area Rounds	
	Main Operation Theatre -7 + Post op	Fans /Switch Boards /Lights /Water
	Labour OT -2 + Post op	Supply /Taps /Flush/ Drainage outlets /O ₂
	Emergency OT -1 + Post op	outlets / Suction outlets / Air outlets /
	Oncology OT -3 + Post op	Nitrogen outlets / Gases /Nitrous outlets /
	Cardiac OT- 1 + Post op	Carbon Dioxide outlets /Refrigerators/

	Ophthalmic OT-1 Cath Lab MICU PICU / NICU ICCU BICU SICU ITU RICU Dialysis Unit C.S.S.D Central Lab Labour Room Emergency / Casualty	Adding chemical to Central lab waste water
12.	Private Ward	
	Asha Kiran 1st Floor Asha Kiran 2nd Floor Asha Kiran 3rd Floor Asha Kiran 4th Floor Asha Kiran 5th Floor Sacred Heart 1 st Floor Sacred Heart 2 nd Floor Fathima Ground Floor Fathima 1st Floor Fathima 2nd Floor Day care	Fans /Switch Boards /Lights /Water Supply /Taps /Flush/ Drainage outlets /O ₂ outlets / Suction outlets / Air outlets / Nitrogen outlets / Gases /Nitrous outlets / Carbon Dioxide outlets /Refrigerators/ Freezers/ Blowers Are Checked
13.	Air Condition Rounds	
	Main Operation Theatre -7 + Post op Labour OT -2 + Post op Emergency OT -1 + Post op Oncology OT -3 + Post op Cardiac OT- 1 + Post op	

	Ophthalmic OT-1	
	Cath Lab	
	MICU	
	PICU / NICU	
	ICCU	
	BICU	
	SICU	
	ITU	
	RICU	
	Dialysis Unit	
	C.S.S.D	
	Central Lab	
	Labour Room	
	Emergency / Casualty	
	Asha Kiran Block	
	Administrative Block	
	OPD Block	
	OP lab	
	Radiation	
	Radiology	
	Cafeteria	
	Skill Lab	
	Medical Stores	
14.	All General Ward Rounds	Fans /Switch Boards /Lights /Water Supply /Taps /Flush/ Drainage outlets /O ₂ outlets / Suction outlets / Air outlets / Nitrogen outlets / Gases /Nitrous outlets / Carbon Dioxide outlets / Refrigerators/ Freezers/ Blowers Are Checked
15.	Supportive services	
	Op Lab	Fans /Switch Boards /Lights /Water
	Radiation	Supply /Taps /Flush/ Drainage outlets /O ₂
	Radiology	outlets / Suction outlets / Air outlets /

	OPD Block	Nitrogen outlets / Gases /Nitrous outlets / Carbon Dioxide outlets / Refrigerators/ Freezers/ Blowers Are Checked
	Cafeteria	
	Medical Stores	
	Medical Records Department	
	General stores	
	Administrative Block	
	Skill Lab	
16.	Drinking Water Treatment Plant	


 Maintenance Manager
 Father Muller Charitable Institutions
 Fr. Muller Road, Kankanady
 Mangalore-575002

Weekly Maintenance Plan:

1.	Manifold Room :	
	Oxygen Manifold - 2 No	
	Nitrous Manifold -1 No	
	Nitrogen Manifold - 1 No	
	Air Compressor 10 Hp - 2 No	
	Air Dryer – 2 No	
	Vacuum Pumps	
	10 Hp – 2 No	
	5 Hp – 1 No	
2.	Laundry Equipments	
	Washing Machine – 5 No	
	Hydro Extractors – 5 No	
	Dryers – 3no	
	Calendar Machine – 1 No	
	Air Compressors 5 Hp – 1 No	
	Blowers	
3.	Reverse Osmosis Plant	
	2000 LPH – 4 No	
	500 LPH -1 No	
	250 LPH – 2 No	
	RO Tank	
	Filters	
4.	STP 700 KLD	
	Blowers- 4 No	
	25HP - 2 No	
	5 HP – 2 No	

Preventive Maintenance:

Sl. No	Areas / Equipments		Maintenance Plan
1.	Diesel Generators	1250 KVA D.G – 2no	Every 3 months
		750 KVA D.G – 1no	
		Cooling Tower	Every 6 months
2.	Elevators	General Ward – 3 No	Monthly
		OPD Block	
		Administrative Block	
		Asha Kiran Block	
		Cafeteria	
3.	STP 700 KLD	Blowers- 2 NO	Every 6 Month
4.	Air Condition	Main Operation Theatre -7 + Post op	Every 3 Month
		Labour OT -2 + Post op	
		Emergency OT -1 + Post op	
		Oncology OT -3 + Post op	
		Cardiac OT- 1 + Post op	
		Ophthalmic OT-1	
		Cath Lab	
		MICU	
		PICU / NICU	
		ICCU.	
		BICU	
		SICU	
		ITU	
		RICU	
		Dialysis Unit	
		C.S.S.D	
		Central Lab	
		Labour Room	
		Emergency / Casualty	
		Asha Kiran Block	

		Administrative Block	
		OPD Block	
		OP lab	
		Radiation	
		Radiology	
		Cafeteria	
		Skill Lab	
		Medical Stores	
5.	UPS		Every 3 months
6.	Drinking Water Treatment Plant		Annually
7.	Auto Clave Service	CSSD -2	Monthly Rounds / Every 6 months
		Main OT -2	
		Labour OT- 1	
		Cardiac OT -1	
		Central Lab - 1	
		Oncology OT- 1	
8.	R. O Units	Filters	Monthly
		Membrane check	Every 3 month
		Pump	Every 3 months
9.	Water Pumps and starters		Every 3 months
10.	Laundry Equipment service	Washing Machine – 5 No	Every 6 months
		Hydro Extractors – 5 No	
		Dryers – 3no	
		Calendar Machine – 1 No	
		Air Compressors 5 Hp – 1 No	
		Blowers	
11.	Liquid Oxygen		Yearly
12.	Boiler	Diesel Boiler	Every 2 months/
		Fire Boiler	Yearly
13.	Air Compressor 10 Hp -		Every 6 months

	2 No		
14.	Air Dryer – 2 No		Every 6 months
15.	Suction Compressor 10 Hp 2		Every 6 months
16.	Suction Compressor 5 Hp		Every 6 months
17.	Transformers and VCB's	1250 KVA 1No 750 KVA 1No	Yearly
18.	Gauge Calibration		Yearly
19.	Lighting Resisting Valve Check		Every 6 months
20.	Equipment Earth Resisting Valve Check		Yearly
21.	Earth Resisting Valve Check		Monthly
22.	Thermometer		Yearly
23.	Water Tank	Over head Sump Main tank	Every 6 months Every 6 months
24.	Cylinder	Carbon dioxide Dry Nitrogen Nitrous Oxygen	Every 6 months
25.	Manifold Room :	Oxygen Manifold - 2 No Nitrous Manifold -1 No Nitrogen Manifold - 1 No	Every 6 months
26.	Water purifiers	Entire Hospital	Every 3 months
27.	Air conditioning	Entire Hospital	Every 3 months
28.	ATS and capacitor bank		Every 3 months


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