	दक्षिण मध्य रेलवे SOUTH CENTRAL RAILWAY	
	मंडलकार्यालय/Divisional Office यांत्रिकशाखा/Mechanical Branch विजयवाडा/Vijayawada	
पत्रसं/Lr. No.	B/M.319/Fire Extinguishers/Vol.I	दिनांक/Date: 28-05-2024

All Branch officers

Sub: Quarterly maintenance schedule of fire extinguisher in BZA Division for June 2024.


Ref: Contract No. GEMC-511687714044396 Dt. 05-07-2023.

Quarterly maintenance schedule of fire extinguisher in BZA Division for June 2024 and checklist are enclosed herewith. Branch officers are requested to instruct the supervisory officials within their respective departments to follow the guidelines and adhere to the program.

Guide lines for custodians of fire extinguishers

- a) A register may be maintained by the custodian with details of fire extinguishers such as capacity, type, identification number, year built, and date of completion of warranty etc. and offer all such FEs for maintenance to the service provider.
- b) Service provider, M/s Sri Venkateswara Solutions, Flat No.102, D. No. 52-1-4, Dhatri Residency, Bhulokamatha Temple Lane, Resapuvanipalem, Visakhapatnam, A.P-530013 will be deputing their Service team to the centralized service points on the dates as mentioned in enclosed program.
- c) As per scope of work, the custodians of various departments shall arrange to transport the FEs which are due for schedule maintenance under their jurisdiction to the nominated work centers as per the monthly/quarterly programme and ensure that the FEs are available at the nominated date and location for maintenance by contractor.
- d) As per clause 11.0 (c) of the scope of work, the spare items which are to be replaced on need basis during the course of maintenance, such items which need replacement to be jointly certified by the supervisor in charge & contractor or his representative.
- e) Released material should be collected by the concerned Railway supervisor in charge/custodian of fire extinguishers and proper account should be maintained for the same.
- f) The supervisors are responsible for recording all instances of usage of fire extinguishers and details of refilling carried out and send the details to this office for record purpose.
- g) The concerned Railway supervisors in charge may arrange to certify the work done on the respective work sheets after satisfactory completion of the work by the service team.
- h) If the service team of the firm does not attend the centralized service points as per enclosed program, the same may be informed to mechanical department on phone numbers 9701373447/ 7815909452 for follow up action.

Encl/- As above


(K.Hanuma Reddy)
ADME/P/BZA
For Sr.DME/BZA

C/- M/s Sri Venkateswara Solutions, Flat No.102, D.No. 52-1-4, Dhatri Residency, Bhulokamatha Temple lane, Resapuvanipalem, Visakhapatnam, A.P-530013 for information and to depute your service technicians as per the enclosed program.

Contd...

Page 2
Fire extinguishers maintenance – Check list

Maintenance schedules to be carried out:

Sl.No	Activity	Applicability	Periodicity
1	Quarterly maintenance	All types of Fire Extinguishers	Once in 3 months
2	Hydraulic pressure test	All types of FEs except CO ₂	Once in 3 years
		CO ₂ type Fire extinguishers	Once in 5 years
3	Spray Painting and Labeling	All types of Fire Extinguishers	On need basis

General Safety Precautions for maintenance staff:

- 1.1 While carrying out maintenance of FEs, service provider should follow general safety precautions for maintenance as per 11.10.1 and safety guidelines as per 11.10.2 of IS 2190:2010.
- 1.2 Maintenance servicing and recharging shall be performed by competent trained persons having available the appropriate service manuals, proper type of tools, recharge materials, lubricants and manufacturer's recommended replacement parts or parts specifically listed for use in the fire extinguishers.

Quarterly maintenance checklist for DCP plunger type extinguishers

Sl. No	Parameter	Attended/ checked (Yes/No)
1	Cleaning & Polishing the exterior of extinguisher.	
2	Nozzle outlet, hose and vent holes are clear and no clogging	
3	Free movement of Plunger	
4	Cap washer is intact and cap & plunger threads greased	
5	Weighing the extinguisher to check correct mass of powder filled in it.	
6	Weighing the CO ₂ cartridge/Cylinder to check correct mass & replace if loss of mass is >10%	
7	Operating mechanism & discharge control - free movement and closing	
8	Condition of powder – No Caking/Lumps/foreign matter	
9	Internal condition of the extinguisher – No damage or corrosion	
10	Condition of Wheel carriage & discharge hose assembly with control nozzle for higher capacity extinguishers – Free flowing	

Quarterly maintenance checklist for ABC type extinguishers

Sl. No	Parameter	Attended/ checked (Yes/No)
1	Cleaning & Polishing the exterior of extinguisher	
2	External condition of the body – free from corrosion/damage	
3	Nozzle outlet, hose and vent holes clear and no clogging	
4	Pressure gauge showing correct pressure	
5	Extinguisher is in proper condition	

Quarterly maintenance checklist for CO₂ type extinguishers

Sl. No	Parameter	Attended/ checked (Yes/No)
1	Cleaning & Polishing the exterior of extinguisher	
2	External condition of the body – free from corrosion/damage	
3	Nozzle outlet, hose and vent holes clear and no clogging	
4	Weighing the extinguisher to check correct mass of gas filled in it. Refilling if loss of mass is >10%	
5	Condition of Hose, Horn and assembly	

Contd....

Fire Extinguishers Servicing Program for the month of June - 2024						
Jurisdiction	Common Service Point	Dept.	Location	No of FEs	Due Date	
BZA	Chg depot	Mech	Chg depot	185	04-06-24	
	Wagon Depot	Mech	Wagon Depot	57	01-06-24	
	BZA Station surroundings	TRD		OHE Depot	16	06-06-24
		Medical		Rly Hospital & MRV	38	01-06-24
		Security		Platform	4	04-06-24
		Operating		New West Block hut	2	07-06-24
	BZA & Nearby stations	TRSO		Running room /KI	9	07-06-24
		OPTG		Gala, MBD	6	23-06-24
		Operating		SS/KI	5	07-06-24
		Operating		SS/RYP	9	07-06-24
		Medical		Rly Hospital/RYPs	11	07-06-24
	BZA Station Surroundings	TRSO		RCD/BZA	52	12-06-24
		TRSO		ETTC/BZA	13	25-06-24
	TEL 202	TEL	OPTG	PVD-2; DIG-4; TEL-13;	19	05-06-24
TEL		OPTG	TSR-2; NDO-6; APL-2;	10	05-06-24	
TEL		OPTG	SPF-2; VTM-2	4	05-06-24	
TEL		Commercial	PO		05-06-24	
TEL		E/M	SSE/EM/TEL	12	05-06-24	
TEL		TRD	SSE/TRD/TEL	13	05-06-24	
TEL		SIG	SSE/Sig/TEL	18	05-06-24	
TEL		TELE	SSE/Tele/TEL	11	05-06-24	
TEL		Eng	SSE/P.Way /TEL	2	05-06-24	
TEL		Med.	Rly Hospital 6 kg ABC	2	05-06-24	
TEL		RPF	DCP-5 kg-1: ABC-6kg-1	2	05-06-24	
TEL		TRD	OHE/PSI/KCC	19	05-06-24	
TEL		Optg.	SMR/KCC	4	05-06-24	
TEL		Eng	SSE/P.Way/KCC	2	05-06-24	
TEL		Security	RPF/Tadepalli (KCC)	1	05-06-24	
BPP		EM	Electrical Maintenance/CLX	4	05-06-24	
BPP		S&T	Tele/CLX	2	05-06-24	
BPP		Optg	CLX-18	18	05-06-24	
BPP		Med.	Rly Hospital /CLX	2	05-06-24	
BPP		Security	RPF/CLX	1	05-06-24	
BPP		TRD	SSE/TRD/BPP	7	05-06-24	
BPP		SIG	SSE/Sig/BPP (CO2 -31)	31	05-06-24	
BPP		ENG	SSE/P.Way (NDO 2& BPP 3)	5	05-06-24	
BPP		Optg	BPP-12	12	05-06-24	
BPP		Security	RPF/BPP	1	05-06-24	
OGL 151		KVZ	TRD	Sub Station/KVZ	9	11-06-24
	KVZ	ENG	SSE/P.Way/KVZ	2	11-06-24	
	KVZ	OPTG	SMR/KVZ	14	11-06-24	
	KVZ	Security	RPF/KVZ	4	11-06-24	
	OGL	Mech	SSE/C&W/OGL	2	11-06-24	
	OGL	EM	Electrical Maintenance/OGL	14	11-06-24	
	OGL	TRD	Sub Station/OGL	5	11-06-24	

	OGL	SIG	Sig/OGL	30	11-06-24
	OGL	TELE	Tele/OGL	7	11-06-24
	OGL	ENG	P.Way/OGL	1	11-06-24
	OGL	OPTG	CJM-4; UGD-2; ANB-2	8	11-06-24
	OGL	OPTG	KRV-2; OGL-23;	25	11-06-24
	OGL	OPTG	SDM-3; TNR-2; ; UPD-2	7	11-06-24
	OGL	OPTG	TTU-2 ; SVPM-2	4	11-06-24
	OGL	Security	RPF/OGL	1	11-06-24
	SKM	OPTG	SMR/SKM	18	11-06-24
NLR 224	BTRR	Mech	SSE/C&W/BTRR	23	18-06-24
	BTRR	EM	SSE/EM/ BTRR	7	18-06-24
	BTRR	TRSO	Crew Booking Lobby & RR/BTRR	12	18-06-24
	BTRR	OPTG	BTRR station	12	18-06-24
	BTRR	SIG	SSE/SIG/BTRR	22	18-06-24
	BTRR	ENG	SSE/P.Way/BTRR	4	18-06-24
	NLR	EM	Sub station & Switch room		18-06-24
	NLR	TRD	SSE/TRD/NLR	6	18-06-24
	NLR	SIG	SSE/Sig/NLR	15	18-06-24
	NLR	TELE	SSE/Tele/NLR	9	18-06-24
	NLR	ENG	P.Way/NLR-3; Works/NLR-2	5	18-06-24
	NLR	OPTG	AXR-3; TMC-3; KJJ-2	8	18-06-24
	NLR	OPTG	PGU-3; NLR-30; VDE-3	36	18-06-24
	NLR	OPTG	VKT-3; KMLP-2; MBL-3	8	18-06-24
	NLR	Security	RPF/NLR	3	18-06-24
	GDR	MECH	SSE/C&W/GDR	4	18-06-24
	GDR	EM	SSE/EM/GDR	19	18-06-24
	GDR	TRD	Sub Station/GDR	6	18-06-24
	GDR	SIG	SSE/SIG/GDR	10	18-06-24
	GDR	ENG	SSE/Works/GDR	2	18-06-24
	GDR	OPTG	GDR	12	18-06-24
	GDR	Com	Parcel Office	2	18-06-24
	GDR	Security	RPF/GDR	1	18-06-24
	KAPT 28	KAPT	TRSO	Running Room	7
KAPT		OPTG	VRJN-2; MGPR-2; BMPE-3	7	25-06-24
KAPT		OPTG	CROP-2; RAPR-2; ARPI-2;	6	25-06-24
KAPT		OPTG	KUMU-2; KAPT-3; NGPM-3	8	25-06-24
BVRM	NS	Mech	C&W Depot	370	04-06-24
	NS	TRSO	RR/NS		04-06-24
	NS	Operating	PKO-7	7	04-06-24
	NS	Operating	Station	5	04-06-24
RJY	MCS	MCS/RJY	Shed & MEMU s	160	27-06-24
RJY	RJY	TRD	OHE/RJY	3	16-06-24
COA	COA	Mech	C&W Depot	279	11-06-24
BZA	ELS	ELS	Shed & Electric Locus	400	1st, 8th,
BZA	DLS	DLS	Shed & DEMU s	160	15th, 22nd, & 29 th June