

B/C.157/Safety/Fire Extinguishers

All CBSRs/CPSRs/CGSRs/CCSRs/CRSs/CSRs

BZA Division.

Sub: Maintenance of Fire Extinguishers at stations – reg.

Ref: Sr.DME/BZA Lr no. B/M. 319/Fire Extinguishers/Vol.I dt: 28.05.2024

Guidelines for quarterly maintenance of fire extinguishers available at stations for June 2024 are circulated vide letter at reference cited above and a copy of same is enclosed herewith for information.

During the months of September/October 2014, Fire Extinguishers (FEs) were supplied to stations for use in commercial units and the details are as under:

S. No	Station	No. of FEs supplied	Date of supply	For use at	Custodian*
1	NZD	1	29-09-2014	BO	Operating
2	EE	4	29-09-2014	BO, PO, RO & GS	Operating
3	TDD	4	29-09-2014	BO, PO, RO & GS	Operating
4	BZA	19	29-09-2014	BO-5, RO-4, PO-9, GS-1	Commercial
5	SLO	4	30-09-2014	BO, PO, RO & GS	Operating
6	COA	3	30-09-2014	BO, PO, & GS	Operating
7	CCT	3	30-09-2014	BO, PO & RO	Operating
8	ANV	1	30-09-2014	BO	Operating
9	AKP	3	30-09-2014	BO, RO & PO	Operating
10	TUNI	2	30-09-2014	BO & PO	Operating
11	GDR	2	30-09-2014	BO & PO	Operating
12	NLR	4	30-09-2014	BO-2, RO & PO	Operating
13	PGU	1	30-09-2014	GS	Operating
14	MTM	2	30-09-2014	BO & PO	Operating
15	CLU	1	30-09-2014	BO	Operating
16	GVL	1	30-09-2014	BO	Operating
17	OGL	3	01-10-2014	BO, PO & RO	Operating
18	SDM	1	01-10-2014	GS	Operating
19	CLX	3	01-10-2014	BO, PO & RO	Operating
20	NDD	3	08-10-2014	BO, PO & RO	Operating
21	GVN	2	08-10-2014	BO & PO	Operating
22	RJY	4	08-10-2014	BO-2, RO & GS	Operating
23	DWP	2	08-10-2014	BO & GS	Operating
24	APT	1	08-10-2014	BO	Operating
25	TNKU	3	08-10-2014	BO, PO & RO	Operating
26	NS	2	08-10-2014	BO & PO	Operating
27	PKO	3	08-10-2014	BO, PO & GS	Operating
28	BVRM	3	08-10-2014	BO-2 & GS	Operating
29	BVRT	3	08-10-2014	BO, PO & RO	Operating
30	AKVD	3	08-10-2014	BO, PO & GS	Operating
31	TEL	6	16-10-2014	BO-2, RO-1, PO-1, GS-1, TC-1	Operating
32	---	3	Available with Ch.OS/Sr.D/M/O/BZA		
Total		100			

*It is to be noted that though Operating department is custodian for maintenance, location supervisor is responsible for upkeep, usage & record of maintenance for the FE.


The guidelines & maintenance schedule for different types of FEs, circulated as per the letter in reference, is as follows:

S.No	Activity	Applicability	Periodicity
1	Quarterly Maintenance	All types of FEs	Once in 3 months
2	Hydraulic Pressure Test	All types of FEs except CO ₂	Once in 3 years
		CO ₂ type FEs	Once in 5 years
3	Spray Painting and Labeling	All types of FEs	On need basis

1. A register to be maintained with details of fire extinguisher such as capacity, type, Identification number, year built, date of completion of warranty etc. and offer all such FEs for maintenance to the service provider.
2. Service provider, M/s. Sri Venkateswara Solutions, Flat No. 102, D.No. 52-1-4, Dhatri Residency, Bhulokamatha Templelane, Resapavunipalem, Visakhapatnam, AP, 530013 will be deputing their Service team to the centralized service points on the dates as mentioned in the scheduled program.
3. As per the Scope of Work, the custodians of various departments shall arrange to transport the FEs which are due for 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 & location for maintenance by the contractor.
4. 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.
5. Released material should be collected by the concerned Railway Supervisor in charge/custodian of FEs and proper account should be maintained for the same.
6. The Supervisors are responsible for recording all instances of usage of FEs and details of refilling carried out and send the details to this office for record purpose.
7. 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.
8. In case of any queries regarding the above maintenance work, SSE/Mech/ Sr.DME/O/BZA may be contacted on phone no.s 9701373447/ 7815909452 for follow up action.

All the staff at BOs/POs/ROs/GS/TCO at the above said stations should be conversant with above said guidelines, should have the knowledge of usage of FEs and should maintain the register as mentioned in para-1 above. A proforma checklist for maintenance of FEs is enclosed which should be properly filled at the time of monthly/quarterly maintenance and kept filed for station record.

- Encl: 1) Letter at ref-1 from Mech Branch
2) Checklist proforma.


(Md. Ali Khan)
DCM/I/BZA
For Sr.DCM/BZA
04/6/24

Copy to **Section CCIs**: for information and necessary action.
Copy to **Ch.OS/Sr.DCM/O/BZA**: for information and necessary action as regards the FEs available in office.

CHECK LIST

Quarterly Maintenance Schedule for DCP plunger type FEs:

S.No	Parameter	Attended/Checked (Yes/No)
1	Cleaning and Polishing the exterior of FE	
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 are greased	
5	Weighing of the FE to check correct mass of powder is filled in	
6	Weighing the CO ₂ cartridge/cylinder to check correct mass & replace if loss of mass is greater than 10%	
7	Operating mechanism & discharge control – free movement and closing	
8	Condition of powder – No caking/lumps/foreign matter	
9	Internal Condition of the FE – 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 FEs

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

Quarterly Maintenance Checklist for ABC type FEs

1	Cleaning and Polishing the exterior of FE	
2	External Condition of the body – free from corrosion/damage	
3	Nozzle outlet, hose and vent holes are clear and no clogging	
4	Weighing the CO ₂ cartridge/cylinder to check correct mass & replace if loss of mass is greater than 10%	
5	Condition of Hose, Horn & Assembly	