

Subject: clarification on fire extinguishers.

Keywords: fire extinguishers, CO2, ABC,

1. Confusion has been created on use of fire extinguishers. This internal memo is to clarify the use of fire extinguishers.
2. List of fire extinguishers and their usage

Sl. No.	SKU	Description	Price including GST	Usage
1.	FIRE2009-Fire & Safety-Wet type Fire extinguisher--9-Ltr	Water type fire extinguisher also known wet type fire extinguisher. Standard capacity 9 ltrs.	Rs. 1,392	This is the most commonly used fire extinguisher. Use in all internal spaces, staircases. Do not use near electrical installations.
2.	FIRE7790-Fire & Safety-Dry type Fire extinguisher-ABC-6-Kgs.	ABC dry chemical powder fire extinguisher also known as dry type /ABC fire extinguisher. Standard capacity 6 kgs.	Rs.1,475	This is to be used near all electrical installations like panel room, transformer, DG, lift machine room, HSD yard, HT yard, fire pump room, other electrical installations
3.	FIRE6067-Fire & Safety-Dry type ABC Fire extinguisher-misc-Nos	ABC dry chemical powder fire extinguisher also known as dry type /ABC fire extinguisher. Standard capacity 25 kgs.	Rs.6,785 For 25Kg	One such fire extinguisher may be placed in the panel room or just outside the access to the panel room.
4.	FIRE8857-Fire & Safety-Dry type Fire extinguisher-CO2-4.5-Kgs FIRE6733-Fire & Safety-Dry type Fire extinguisher-CO2-6-Kgs	CO2 type fire extinguisher. Standard capacity 4.5kgs. In some cases 6 kgs may be used	Rs.5,605 for 4.5kgs Rs.11,682 for 6kgs	To be sparingly used. One or two extinguishers may be installed in critical areas like panel room, DG, HT yard, fire pump room.

3. Fire extinguishers:

- a. Fire extinguishers are primarily of 3 types:
 - i. Dry type fire extinguisher – ABC – 6kgs – SKU FIRE7790- also referred to as powder type – use for electrical installation
 - ii. Dry type fire extinguisher – CO2 – 4.5 or 6kgs – SKU FIRE6733 – rarely use.
 - iii. Wet type fire extinguisher – 9ltrs – SKU FIRE 2009 – most often used.

- b. Use wet type 9 ltrs fire extinguisher at most places. Use ABC/dry type fire extinguisher near electrical installations. CO2 fire extinguishers to be used only at select places – to be determined by MEP.
- c. Guideline for usage /installation:
 - i. At transformer, each security kiosk, near generator, inside and outside panel room, outside lift machine room/top floor of machine room less lifts, ground floor of lift lobby – one ABC fire extinguisher to be installed. They may be installed at other places where electrical equipment are installed. Sites under construction – installation at security kiosk, electrical transformer and generator is mandatory.
 - ii. In staircase landings – install one ABC/dry type fire extinguishers in each landing.
 - iii. CO2 extinguishers may be sparingly used as per advice of MEP team.
 - iv. Total no. of fire extinguishers must be more than or equal to the number provided in the approved fire plan.
 - v. These extinguishers must be fixed at a height of 4ft from FFL.
- d. Along with fire extinguishers provide 3 nos fire buckets filled with sand on the stilt floor attached to a suitable stand.

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