

FIRE PROTECTION FOR PRIVATE BRANCH EXCHANGE,  
TELETYPEWRITER SWITCHING SYSTEM, NONPORTABLE VIDEO EQUIPMENT,  
AND LARGE BUILDING NONCENTRAL OFFICE POWER PLANT INSTALLATIONS

1. GENERAL

1.01 This practice outlines recommendations for the provision of fire protective apparatus at PBX, TTY switching system, nonportable video equipment, and noncentral office power plant installations. The recommendations are intended to apply to new installations. In the case of existing installations, the question of providing the proper fire protective apparatus should be considered for each specific case.

1.02 This section is reissued principally to include recommendations for nonportable video and noncentral office power plant installations; provision of portable tarpaulins where a maintenance man is in regular attendance; and to transfer certain information to the table which was formerly in the numbered paragraphs. For any installation covered by this section it is considered undesirable, from the standpoint of possible acid damage to the equipment, to have any soda-acid extinguishers in these spaces.

2. FIRE PROTECTIVE APPARATUS

2.01 The accompanying table indicates the fire protective apparatus which is recommended for general use in these installations. Apparatus in accordance with this table is also recommended during the period of equipment installation.

2.02 The following practices give detailed information on the description, location, mounting, method of operation, and maintenance for the fire protective apparatus recommended in this practice.

- Section H43.110 - Water Type
- Section H43.140 - CO<sub>2</sub> Type
- Section H43.150 - Asbestos Gloves
- Section H43.160 - Tarpaulins

Carbon Dioxide-Type Fire Extinguishers

2.03 When the table specifies that carbon dioxide extinguishers are located "One per 30 ft. Travel," it is expected that they will be located so that a unit can be reached by a travel of 30 ft. or less from any point in the room.

2.04 Carbon dioxide extinguishers are located on walls, partitions or columns, giving preference to the wall locations where practicable.

Water-Type Fire Extinguishers

Asbestos Gloves

Portable Tarpaulins

2.05 Water-type extinguishers, asbestos gloves and portable tarpaulins are located as indicated in the table.

3. AUTOMATIC SPRINKLERS

3.01 In cases where the building on a subscriber's premises is now or will be equipped with an automatic sprinkler system and it is necessary to install the equipment in these spaces, it is considered inadvisable for the Telephone Company to approach subscribers with any plan to remove, omit or alter the sprinklers as normally installed in these spaces. Experience has indicated that this protection is often desirable in the classes of buildings in which these installations are made and the possibility of damage due to sprinkler leakage is not considered controlling.

TABLE

(See Note 1) Type of Installation	Space Occupancy	Carbon Dioxide Extinguisher	(See Note 2) Water Extinguisher	Asbestos Gloves	(See Note 3) Tarpaulin Container with 2 Tarpaulins	Location of Extinguishers
Dial or Manual PBX Large TTY Switching System Non-portable Video Equipment (with maintenance man in regular attendance)	PBX Operating Room PBX Equipment Room TTY Equipment Room	1 per 30' of Travel Minimum of 2 per Room		1 Pair per Gas Ex- tinguisher		On Walls, Partitions or Columns
			2 to each 5 Gas Minimum of 1 per Room		1 per Room	Near Entrance Doors Travel not more than 100'
	Separate Power Room Video Equipment Space	1 per 30' of Travel Minimum of 2 per Room or Space		1 Pair per Gas Ex- tinguisher	1 per Room or Space	Near Entrance Doors
Dial PBX Over 1000 Lines Manual PBX Over 5 Positions Large TTY Switching System Non-portable Video Equipment Large Building Power Plant (without maintenance man in regular attendance)	PBX Operating Room PBX Equipment Room TTY Equipment Room Video Equipment Space Bldg. Power Plant Space	1 per Room or Space		1 Pair per Gas Ex- tinguisher		Near Entrance Door or Switchboard
Dial PBX 1000 lines or less Manual PBX 5 positions or less						
Frame Room in large building for terminating house cables	Frame Room	1 per Room		1 Pair per Gas Ex- tinguisher		Near Entrance Door
<p>Note 1. While the Table indicates the fire protective apparatus recommended for various sizes of typical installations, the limits set up are, of course, flexible and some variation in these limits may be justified in specific cases.</p> <p>Note 2. Water extinguishers are not suitable for use on fires involving live electrical equipment such as power boards and power plant apparatus.</p>			<p>Note 3. While portable tarpaulins are not generally provided for unattended installations, cases may occur where the hazard of water damage due to the type of construction of the building or arrangement of the plumbing may justify their provision. Portable tarpaulins are usually stored in metal containers which are large enough to accommodate two tarpaulins.</p>			