

NOTICE OF CHANGE

INCH-POUND

MIL-HDBK-1003/7
NOTICE 1
15 May 1999

DEPARTMENT OF DEFENSE
HANDBOOK

STEAM POWER PLANTS — FOSSIL FUELED

TO ALL HOLDERS OF MIL-HDBK-1003/7:

1. THE FOLLOWING PAGES OF MIL-HDBK-1003/7 HAVE BEEN REVISED AND SUPERSEDE THE PAGES LISTED:

NEW PAGE	DATE	SUPERSEDED PAGE	DATE
173	15 September 1990	173	15 May 1999
174	15 September 1990	174	15 May 1999

2. RETAIN THIS NOTICE AND INSERT BEFORE TABLE OF CONTENTS.

3. Holders of MIL-HDBK-1003/7 will verify that page changes and additions indicated above have been entered. This notice page will be retained as a check sheet. This issuance, together with appended pages, is a separate publication. Each notice is to be retained by stocking points until the handbook is completely revised or canceled.

Custodian:
Navy - YD2

Preparing Activity:
Navy - YD2
(Project FACR-5008)

AMSC N/A

AREA FACR

MIL-HDBK-1003/7

Table 28
Typical Fixed Fire Detection and Suppression Systems

<u>Location</u>	<u>Type of Fire Suppression System</u>	<u>Type of Detection</u>	<u>Operation</u>
Administration Area (excluding Halon protected areas)	Wet pipe sprinkler	Fixed temperature quartzoid bulb	Automatic
Plans and records storage room	NFPA or DOD approved	Cross-zoned ionization and photo-electric smoke detection system	Automatic
Control room (below ceiling)	Not applicable	Ionization smoke detection	Alarm only
Control room (above ceiling)	Not applicable	Ionization smoke detection	Alarm only
Control room (main control panel)	Not applicable	Ionization smoke detection	Alarm only
Control equipment room	NFPA or DOD approved	Cross-zoned ionization and photo-electric	Automatic
Cable spreading room	Wet pipe sprinkler	Fixed temperature quartzoid bulb	Automatic
	--	Ionization smoke detection	Alarm only
Turbine underfloor area, grade and mezzanine level	Dry pipe sprinklers	Fixed temperature quartzoid bulb	Automatic
Turbine generator bearings	Preaction spray	Fixed temperature	Manual
Boiler feed pump turbine	Deluge spray	Dry pilot	Automatic

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Table 28 (Continued)
 Typical Fixed Fire Detection and Suppression Systems

<u>Location</u>	<u>Type of Fire Suppression System</u>	<u>Type of Detection</u>	<u>Operation</u>
Warm-up guns and igniters	Preaction spray	Fixed temperature	Automatic
Igniter oil pumps	Deluge spray	Dry pilot	Automatic
Hydrogen seal oil unit	Deluge	Dry pilot	Automatic
Turbine lube oil reservoir and conditioner	Deluge spray	Dry pilot	Automatic
Main generator and auxiliary transformers	Deluge spray	Dry pilot	Automatic
Reserve auxiliary transformers	Deluge spray	Dry pilot	Automatic
Switchgear areas and major motor control center	None	Smoke detection only	Alarm
Coal conveyors within generation building	Dry pipe sprinklers	Fixed temperature quartzoid bulb	Automatic
Air heaters	Deluge spray	Infrared hot spot detectors	Manual
Coal pulverizers	Steam inerting	Carbon monoxide monitoring	Manual
	Waterwash		Manual (for B&W only)
Coal dust collectors	Preaction sprinkler	Thermistor wire	Automatic

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