

PPPL	PRINCETON PLASMA PHYSICS LABORATORY ES&H DIRECTIVES		
	ES&HD 5008 SECTION 5, APPENDIX A, TABLE 1 Automatic Fire Protection Systems		
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**APPENDIX A**  
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**Automatic Fire Protection Systems**

System Type	Code	System Type	Code
Sprinkler Water Flow	WF	Preaction Sprinkler System	PS
Ionization Smoke Detection	I	Wet Pipe Sprinkler System	WP
Flame Detection	F	Dry Pipe Sprinkler System	DP
Photoelectric Smoke Detection	PE	Deluge Sprinkler System	DS
Thermal Detection	T	Wet Chemical System	WC
Beam Smoke Detection	B	Halon System	H
VESDA Smoke Detection	V	Carbon Dioxide System	CO2

**C-site**

Area	Detection	Suppression
Laboratory, Office Building	WF	WP
CICADA/Main Control Room	I, PE, T/RR, WF	H, WP
Control Room Addition	I, PE, WF, H	WP
Cafeteria	I, WF	WP
Cooking Hoods	T	WC
Lobbies & Commons	I, WF	WP
Administration Building	WF	WP
Telephone Exchange Room	I, WF	H, WP
Administration Wing	WF	WP
Theory Wing	WF	WP
Library	I, WF	WP
PPLCC	I, WF	WP
Under Floor	PE	CO2
Laboratory Building	WF	WP
Room L-208, 210, 211, 215, 216	I, WF	PS
L-137, 138	I, WF	WP
Engineering Wing	WF	WP

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**Automatic Fire Protection Systems**

**C-site**

Area	Detection	Suppression
CS Building	WF	WP
PLT & PBX Control Rooms	I	WP, CO2*
High Bay Area	B	
Below Platforms & Mezz	V	PS
Basement	I, PE	PS
DAS Computer Room	I, T, WF	WP, CO2*
DAS Tape Vault	I, T, WF	WP, CO2*
C-222	I, T, WF	WP, CO2*
PBX-M NB Control Room	I, T, WF	WP, CO2*
RF Building	I, WF	WP
Laser Lab Areas	I, WF	WP
1st Floor High Bay	I, WF	PS
PEARL Area	PE, WF	WP
C-Site Cooling Tower	T, WF	DS
ESAT Building	B, I, WF	WP
MG Building	WF	WP
High Bay	B, WF	WP
MG Enclosures	T/RR	CO2
MG Control Room	I, WF	WP
PLT Rectifier Building	I, WF	WP
C-site Cooling Tower	T, WF	DS
C-site Pump House	WF	WP
D-site Cooling Tower	T, WF	DS
D-site Pump House	I, WF	WP

\* Under floor areas only

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**Automatic Fire Protection Systems**

**C-site**

Area	Detection	Suppression
Maintenance Building	WF	WP
Newer Section	I, WF	WP
Warehouses	WF	WP
CAS/RESA Building	WF	WP
Emergency Services Building	WF	WP
Living Quarters	PE, WF	WP
Engine Room	T, WF	WP
CASL	WF	WP
Hazardous Material Storage Building	I,T/RR, WF	DP
Canel Pump House	T/RR, WF	WP
C-site Guard Booth	I	None

\* Under floor areas only

**D-site**

Area	Detection	Suppression
LECT Area	None	None
Mock-Up Building	B, WF	WP
Gallery	I, WF	WP
Cryogenics	I, T/RR, WF	WP
Hot Cell (NSTX Test Cell)	V, I, T/RR, WF	PS
Test Cell	V, WF	PS
Test Cell Basement	V, I, T/RR, WF	PS
DARMS	I, WF	WP
Tritium Area	I, T/RR, WF	WP
Basement Corridor & Tunnel	I, WF	WP
NBPC Building	PE, WF	WP
FCPC Building	I, WF	WP
MG Building	B, PE, WF	WP
Generator Enclosures	T/RR	CO2
Stand-By Generator	T/RR	PS
Tritium Support Facility	WF	WP