BOSTON FIRE DEPARTMENT
RECORD OF COMPLETION
CLEAN AGENT EXTINGUISHING SYSTEMS

Job Name:_____ **Location:**_____ **Date:**_____

ITEM	NFPA 2008 REFERENCE	DESCRIPTION	COMPLIANCE	COMMENTS	INSPECTED BY
1	7.7.2.1	Enclosure size conforms to drawings.	Yes No		
2	7.7.2.2.1	Piping conforms to drawings and/or proper design requirements.	Yes No		
3	7.7.2.2.2	Nozzles and pipe sizes conform to drawings. Pipe size reductions and directional changes per System design.	Yes No		
4	7.7.2.2.3	Pipe and nozzles secured properly.	Yes No		
5	7.7.2.2.4	Pipe cleaned internally prior to installation.	Yes No		
6	7.7.2.2.5	Discharge nozzles oriented properly.	Yes No		
7	7.7.2.2.6	Nozzle deflectors positioned properly *if installed*.			
8	7.7.2.2.7	Discharge nozzles, piping, and brackets installed in a manner, as they will not cause injury to personnel. Agent does not directly impinge on personnel or loose objects.	Yes No		
9	7.7..2.2.8	Agent storage containers located as per drawings.	Yes No		
10	7.7.2.2.9	Agent storage containers and brackets securely fastened.	Yes No		
11	7.7.2.2.10	Cylinders weighed/pressure recorded prior to and after discharge test (if performed).	Yes No		

12	7.7.2.2.11	Agent quantity supplied appropriate for actual room volume. Ventilation losses considered.	Yes	No		
13	7.7.2.2.12	Piping pneumatically tested for ten minutes at 40 PSIG with no more than 8 PSIG loss.	Yes	No		
14	7.7.2.2.13	Nitrogen flow test (puff test) revealed continuous flow and unobstructed nozzles.	Yes	No		
15	7.7..2.3	Room integrity passed visual examination and fan pressurization test.	Yes	No		
16	7.7.2.4.1	All wiring installed per local codes and drawings.	Yes	No		
17	7.7.2.4.2	All field circuits free of ground faults and short circuits.	Yes	No		
18	7.7.2.4.3	Power supplied from separate dedicated source which will not shut down on system operation	Yes	No		
19	7.7.2.4.4	Adequate and reliable primary and 24 hour minimum standby for all operating circuits available.	Yes	No		
20	7.7.2.4.5	All auxiliary functions tested.	Yes	No		
21	7.7.2.4.6	Alarm silencing does not affect auxiliary functions.	Yes	No		
22	7.7.2.4.7	Detection devices are of proper type and per system drawings.	Yes	No		
23	7.7.2.4.8	Detectors are not located near obstructions or HVAC equipment, which would affect response.	Yes	No		
24	7.7.4.2.9	Detectors properly installed.	Yes	No		
25	7.7.4.2.10	Manual stations properly installed, readily accessible, identified and protected against damage (if additional protection required).	Yes	No		
26	7.7.4.2.11	Proper type of manual station installed.	Yes	No		

27	7.7.2.4.12	Main/Reserve switch installed properly, accessible, and clearly labeled (if supplied).	Yes	No		
28	7.7.2.4.13	Abort switches are of "deadman" type, properly installed within hazard areas, and clearly labeled, *Manual station overrides abort switches*.	Yes	No		
29	7.7.2.4.14	Control unit properly installed and readily accessible.	Yes	No		
30	**7.7.2.5.1**	**Preliminary Functional Testing**				
31	7.7.2.5.1 (1)	Alarms receiving office notified prior to testing. Personnel at end users facility notified.	Yes	No		
32	7.7.2.5.1 (2)	Agent storage container's release mechanism disabled. Functional testing device connected.	Yes	No		
33	7.7.2.5.1 (3)	Each detector checked for proper response.	Yes	No		
34	7.7.2.5.1 (4)	Polarity on all polarized alarm devices and auxiliary devices observed.	Yes	No		
35	7.7.2.5.1 (5)	End of line devices installed across detection and alarm bell circuits where required.	Yes	No		
36	7.7.2.5.1 (6)	All supervised circuits checked for proper trouble response.	Yes	No		
37	**7.7.2.5.**2	**System Functional Operational Test**				
38	7.7.2.5.2 (1)	After operating detection initiating circuits, all alarm functions operated per design specification.	Yes	No		
39	7.7.2.5.2 (2)	After operation of a second stage alarm circuit, all second stage alarm functions operate per design specification.	Yes	No		
40	7.7.2.5.2 (3)	After operation of manual release, all functions operated per design specification.	Yes	No		
41	7.7.2.5.2 (4)	After operation of abort circuit, all abort functions operated per design specifications.	Yes	No		

42	7.7.2.5.2 (5)	Automatic valves tested as allowed without agent release.	Yes	No		
43	7.7.2.5.2 (6)	Pneumatic equipment checked for integrity (where required).	Yes	No		
44	7.7.2.5.3	**Remote Monitoring Operations**	Yes	No		
45	7.7.2.5.3 (1)	While on standby power, operation of one of each type of input device causes alarm signal at remote panel.	Yes	No		
46	7.7.2.5.3 (2)	Operation of each type of alarm condition on each signal circuit causes receipt of trouble condition at the remote station.	Yes	No		
47	**7.7.2.5.4**	**Control Panel Primary Power Source**				
48	7.7.2.5.4 (1)	Panel is connected to dedicated circuit and properly labeled. Panel accessible yet restricted from unauthorized personnel.	Yes	No		
49	7.7.2.5.4 (2)	Primary power failure tested according to manufacturer's specification.	Yes	No		
50	7.7.2.5.5	System returned to normal including reconnection of agent storage cylinders. All personnel at end user facility and remote alarm monitoring offices notified that testing is complete.	Yes	No		

INSTALLER'S CERTIFICATION

Certified By:_____

Title:_____