

Interface Testing of Fire Protection Systems

Last Issue Date: 04/10/2017		Type Of Service				
Activity		A	B	C	D	E
1	Activate sprinkler test valve and check for correct operation of the following as appropriate: <ul style="list-style-type: none"> - Sprinkler operation indicated at fire indicator panel. - Fire and smoke doors have closed. - Security doors have unlocked. - Roof vents opened. - Occupant warning system operates. - Plant shuts down. - Fuel shut-off valve functions (gas or liquid fuels). - Elevator override operates. - Other systems operate, as appropriate. - Fire isolated exit pressurization operates. - Smoke control system operates. - Smoke exhaust operates. - Air handling system operates. - Special hazard systems operate. Simulate faults on each of the above systems and check that faults indicated at the fire indicator panel.				Y	
2	Initiate fire detection device and check for correct operation of the following as appropriate: <ul style="list-style-type: none"> - Pre-action sprinkler or deluge system. - Fire and smoke doors have closed. - Security doors have unlocked. - Roof vents opened. - Occupant warning system operates. - Plant shuts down. - Fuel shut-off valve functions (gas or liquid fuels). - Elevator override operates. - Other systems operate, as appropriate. - Fire isolated exit pressurization operates. - Smoke control system operates. - Smoke exhaust operates. - Air handling system operates. - Alarm system for hearing impaired operates. - Paging system operates. - Nurse call system operates. - Special hazard systems operate Simulate faults on each of the above systems and check that faults indicated at the fire indicator panel.				Y	
3	Initiate smoke or heat alarm device and check for correct operation of the following as appropriate: <ul style="list-style-type: none"> - Exit lighting operates. - Additional alarm system for hearing impaired operates. 				Y	

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For more information please contact the applicable Facilities Management Service Provider.



Government of South Australia
Department of Planning,
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	- Other systems operate, as appropriate.					
4	Manually activate emergency signals and check for correct operation of the following as appropriate: - Other systems shut-down as necessary. - Additional alarm system for hearing impaired operates. - Paging system operates. - Nurse call system operates. - Other systems operate, as appropriate.				Y	
5	Simulate operation of special hazard systems and check for correct operation of the following as appropriate: - Fuel shut-off valve functions (gas or liquid fuels). - Dampers operates. - Air handling system operates. - Warning systems operate. - Plant shut-down operates. - Fire and smoke doors have closed. - Security doors have unlocked. - Other systems operate, as appropriate.				Y	
6	Initiate fire detection device and check for correct operation of the following interfaced functions controlled by a separate fire fan control panel, as appropriate: - Fire and smoke doors have closed. - Security doors have unlocked. - Roof vents opened. - Occupant warning system operates. - Plant shuts down. - Fuel shut-off valve functions (gas or liquid fuels). - Elevator override operates. - Other systems operate, as appropriate. - Fire isolated exit pressurization operates. - Smoke control system operates. - Smoke exhaust operates. - Air handling system operates. - Alarm system for hearing impaired operates. - Special hazard systems operate Simulate faults on each of the above systems and check that faults indicated at the fire fan control panel.				Y	
7	Record all results in logbook.				Y	

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Special Comments and Technical Data

D SERVICE ANNUAL

OBTAIN SITE APPROVAL PRIOR TO UNDERTAKING THE INTERFACE TESTING.

SERVICE IS TO BE DONE IN ACCORDANCE WITH AS1851 SECTION 1.12 AND APPENDIX D.

NOTE: THE REQUIREMENT FOR INTERFACE TESTING IS NOT A DUPLICATION OF OTHER ROUTINE TESTING UNDERTAKEN SPECIFICALLY FOR ALL INDEPENDENT INSTALLED FIRE SYSTEMS, ALTHOUGH THERE MAY BE SOME TASKS THAT ARE RELEVANT TO ASSESSMENT OF ALARM SIGNAL TRANSMISSIONS.

ARRANGE A SUITABLE TIME FOR ALL RELEVANT TRADE CONTRACTORS TO BE IN ATTENDANCE AT THE SAME TIME TO SIMULATE A FIRE CONDITION AND/OR INSPECT THEIR RESPECTIVE SYSTEMS FOR CORRECT RESPONSES. THESE CONTRACTORS MAY INCLUDE:

- MECHANICAL SERVICES (INCL. BUILDING MANAGEMENT CONTROLS)
- ELECTRICAL SERVICES (FOR GENERAL AND STANDBY GENERATION)
- COMMUNICATIONS AND SECURITY SERVICES
- HYDRAULIC SERVICES
- TRANSPORTATION SERVICES
- OTHER (AS REQUIRED ON SITE)
- AND REPRESENTATIVES FROM THE LOCAL FIRE AUTHORITY

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