

Structural Fire Protection and Compartmentation

| Last Issue Date: 07/02/2019 | | Type Of Service | | | | |
|-----------------------------|---|-----------------|---|---|---|---|
| Activity | | A | B | C | D | E |
| 1 | <p>CHECK FIRE-PROTECTED STRUCTURAL MEMBERS:</p> <p>a) That no structural steel members have been added, removed or modified;</p> <p>b) For the condition of fire protection or coating;</p> <p>c) For mechanical damage;</p> <p>d) Visually for areas of deterioration against vermiculite, cement, mineral fibre and plaster (or combination of) sprays loss of adhesion;</p> <p>e) For intumescent coating, visual damage to the surface (e.g. bubbling, peeling, flaking and scratches); and</p> <p>f) For fire-protective boards and cladding for missing boards or loss of adhesion.</p> | | | | Y | |
| 2 | <p>CHECK FIRE AND SMOKE BARRIER WALLS:</p> <p>a) That no fire and/or smoke walls have been added, removed or modified;</p> <p>b) Against drawings (if applicable) and associated penetration schedules that no penetrations have been added, removed or modified;</p> <p>c) That the reference drawings and penetration schedules correctly represent the installed penetrations (if applicable);</p> <p>d) For any penetration and control joints work that is protected, damaged or incorrectly installed;</p> <p>e) That walls continue up to the next horizontal fire-resistant barrier or to the underside of the roof cladding above; and</p> <p>f) For any damage that will cause loss of fire resistance.</p> | | | | Y | |
| 3 | <p>CHECK FIRE AND SMOKE BARRIER FLOORS:</p> <p>a) Against drawings (if applicable) that no fire-rated floors, including resistance to incipient spread of fire, have been added, removed or modified;</p> <p>b) Against drawings (if applicable) and associated penetration schedules that no penetrations have been added, removed or modified;</p> <p>c) That the reference drawings and penetration schedules correctly represent the installed penetrations (if applicable);</p> <p>d) For any penetration and control joints work that is unprotected, damaged or incorrectly installed; and</p> <p>e) For any damage that will cause loss of fire resistance.</p> | | | | Y | |
| 4 | <p>CHECK FIRE AND SMOKE BARRIER CEILINGS:</p> <p>a) Against drawings (if applicable) that no fire-rated ceilings, including resistance to incipient spread of fire, have been added, removed or modified;</p> <p>b) Against drawings and associated penetration schedules that no penetrations have been added, removed or modified;</p> <p>c) That reference drawings and penetration schedules represent as-installed penetrations; and</p> <p>d) For any penetration and control joints work that is unprotected, damaged or incorrectly installed.</p> | | | | Y | |
| 5 | <p>CHECK FIRE AND SMOKE RATED ACCESS PANELS AND HATCHES:</p> <p>a) Against drawings (if applicable) that no access panels or hatches, including resistance to incipient spread of fire, have been added, removed or modified;</p> | | | | Y | |

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Department of Planning,
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| | b) The panels to ensure they are free of any visible delamination, and other damage; c) The perimeter seals are in good condition and not damaged; d) The access panel frames are adequately anchored to the surrounding structure; e) The doorframes are free from excessive distortion at any point along frame sections. f) That screw fixings are engaged in the frame securely (where applicable); g) That hinges are in good working order and any latches are operational (where applicable); h) That no visible 'through-gap' is created around any lock/latch, and that the correct number of hinges and locks are present; i) That any added laminates and/or hardware do not interfere with the function of the access panels; and j) For any obstructions compromising access. | | | | | |
| 6 | Check for the potential of any equipment and devices for the possibility of an explosion during a fire hazard. | | | | Y | |
| 7 | Check to avoid the spread of fire to the emergency equipment in a building to allow it to remain operating for the required period of time (if applicable). | | | | Y | |
| 8 | Record the results in the log book. | | | | Y | |

Special Comments and Technical Data

D SERVICE ANNUAL
 SERVICE TO BE DONE IN ACCORDANCE WITH AS1851 SECTION 1 & 12.
 ALL ROUTINE SERVICES OF FIRE PROTECTION SYSTEMS AND EQUIPMENT SHALL BE CONDUCTED BY COMPETENT PERSONNEL.
 SERVICING ACTIVITIES & FREQUENCIES MAY VARY DEPENDING ON THE MANUFACTURER'S RECOMMENDATIONS AND SITE CONDITIONS.
 FOR FIRE SHUTTER & FIRE GLAZING/WINDOWS REFER TO F27, FOR FIRE DAMPERS TO F06 AND FOR FIRE AND SMOKE DOORS F20.

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