|  |  |
| --- | --- |
|  | **CERTIFICATE OF COMPLETION**  **& CONFORMITY** |

**I/We** (name of installer) **of** (company name) **hereby certify that we have completed a FirePro aerosol fire extinguishing installation/extension(s) in accordance with AS4487, as designed by** (company name).

## Name of Client :

**Address of Protected Area :**

**Description of Protected Area :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Protected Area** | **Agent Quantity** | **Number of Containers** | **Agent Application Density** | **Applicable Drawing(s)** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Remote system monitoring will be performed by :**

**Date of Remote Monitoring Connection :**

**Variations from this Standard previously agreed to by the authority having jurisdiction are attached (clause references and related variations included).**

**Completed by:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name:** |  | **Signature:** |  |
| **Company:** |  | **Date Completed:** |  |

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**FirePro System Commissioning**

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| --- | --- | --- | --- | --- |
| **Risk Area:** | | | **Reference:** |  |
|  | | | |  |
| **INSPECTION** | | | |  |
| **Tasks** | | | | **Completed** |
| **1.** | **Location of FirePro Aerosol Generators** | * Ensure units are mounted in appropriate location(s). * Are the brackets securely mounted. | |  |
| **2.** | **Cabling requirements** | * Has fire rated and shielded cable used. * Has cable been installed as per AS-3000. Has cabling been separated from other electrical cables via conduit or cable tray. * For High Voltage Environments - each FirePro unit is required to be connected to an earth circuit. * Inspect cable fixings to ensure no damaged insulation. | |  |
| **3.** | **Fire Indicator Panel (FIP)** | * Is the panel located in an appropriate location in accordance with Australian Standards. * Is the power connection to the panel a direct, suitable and dedicated supply to the Panel. * Is a separate battery backup installed. | |  |
| **4.** | **Signage and Alarms** | * Are appropriate signs / sounder strobes installed. | |  |
| **COMMISSIONING** | | | |  |
| **1.** | **FIP Programming** | * Programming of FIP meets client/site requirements. * Check FIP for fault(s) e.g. correct connection of FirePro units, correct connection of detection circuit. | |  |
| **2.** | **Activation Testing** | * ENSURE THE FIP IS SWITCHED TO SERVICE MODE. * Activation testing to be performed in accordance with the procedures specific to the FIP installed. * Ensure activation simulator lamps have activated. * Ensure Signs and Alarms have activated. * Ensure shut down relays have activated. | |  |
| **3.** | **Fault Monitoring** | * Disconnect cable from FirePro generator - fault should register on the FIP. Where multiple units are installed, this should done separately to test each unit. * Remove detector head from base - fault should register on the FIP. | |  |
| **4.** | **Detection Testing** | * ENSURE THE FIP properly isolated from activating the FirePro system. Apply heat gun or other device to place detectors into alarm. Ensure Visual/Aural Alarms have activated. Where multiple units are installed, this should done separately to test each unit. | |  |

**Inspections all found to be compliant - Tests all completed.**

**Completed by :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name:** |  | **Signature:** |  |
| **Company:** |  | **Date Completed:** |  |

**Commissioning Documentation Requirements**

In addition to this commissioning document, working documents shall be prepared by persons fully experienced in the design of this Fire Extinguishing System, in accordance with the requirements of AS 4487-2013 Condensed Aerosol Fire Extinguishing Systems. Working documents shall include at least the following items:

1. Location Drawings;
2. Name of owner and occupant;
3. Location of building in which the hazard is located;
4. Location and construction of protected enclosure walls and partitions;
5. Enclosure cross section, full height or schematic diagram, including raised floors & suspended ceilings;
6. Type of aerosol generator(s) being used;
7. Description of occupancies and hazards to be protected against (risk assessment);
8. Specifications of aerosol generators used;
9. Equipment schedule or list of materials for each piece of equipment or device, including device name;
10. Manufacturer, model/part number, quantity and description;
11. System calculation;
12. Description of fire detection, actuation and control systems.

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