



Minimum Plan Requirements for Clean Agent Fire Suppression Systems



The Purpose of this document is to outline the minimum requirements for Clean Agent plan submissions. This will ensure that all required diagrams and documentation are included. By meeting the requirements, the time taken to review and return to the customer for system installation will be minimized. Plans shall, at a minimum, include the following:

- Statement of the applicable codes to which the system was designed
- Scope of work
- A gridded key plan with the layout of the floor indicating the room and room number of the installation and North point of reference
- Contact/business/pages bottom right of each sheet
- Equipment/system layout diagram
- Overhead room diagram
- Device mounting height diagram
- Clean agent installation instruction
- Sequence of operations
- Input/output matrix “cause & effect”
- Below ceiling isometric
- Subfloor isometric
- Ceiling smoke detector mounting detail
- Subfloor smoke detector mounting detail
- Tank manufacturer & cartridge specifications
- Tank restraining detail
- Pipe sizing & hangar details
- Electrical notes
- Wiring schedule
- Electrical riser diagram & battery calculations
- Picture/photo all caution/warning signage
- Input initiation device chart
- Data center list of parts & quantity
- Nozzle specifications/chart
- General notes as needed such as installation, fans and ventilation requirements
- Individual equipment manufacture cut sheets

Upon completed installation of the System, prior to the system being activated, it must be tested with a Fire Inspector on-site to witness all portions of the test. The following is needed on-site for the test to commence:

- Permit & plans
- Leak test results printed
- Record of completion/test certificate