

CHECKLIST FOR CLEAN AGENT SYSTEMS

All code references are to NFPA 101 unless otherwise noted.

- 1) Pass _____ Fail _____ N/A _____
An approved job site copy of plans must be on the site at the time of the inspection. *(NFPA 1,1-16.12)*
- 2) Pass _____ Fail _____ N/A _____
Suitable safeguards shall be provided to ensure prompt evacuation of and prevent entry into hazardous atmospheres. i.e. Personnel training, warning signs, discharge alarms, SCBA's, evacuation plans, fire drills are all considerations. *(1-6.1.4.1)*
- 3) Pass _____ Fail _____ N/A _____
Doors shall swing in the direction of egress travel where serving a high hazard area or an assembly area. *(7-2.4)*
- 4) Pass _____ Fail _____ N/A _____
All system components shall be located to maintain no less than minimum clearance from energized electrical parts. *(1-6.2.1)*
- 5) Pass _____ Fail _____ N/A _____
Where required, a reserve agent supply shall consist of as many multiples of the primary agent supply as the AHJ considers necessary. *(2-1.1.1)*
- 6) Pass _____ Fail _____ N/A _____
If uninterrupted protection is required, the primary and reserve agent supplies shall be permanently connected to the distribution piping and arranged for easy changeover. *(2-1.1.2)*
- 7) Pass _____ Fail _____ N/A _____
Storage containers shall be located as close as possible to or within the hazards they protect. *(2-1.3.2)*
- 8) Pass _____ Fail _____ N/A _____
Agent storage shall not be located where it can be rendered inoperable or unreliable due to mechanical damage, exposure to chemicals, harsh weather or any other foreseeable cause. Where such conditions are unavoidable, protective measures must be employed. *(2-1.3.3)*
- 9) Pass _____ Fail _____ N/A _____
Containers shall be installed according to manufacturer's listed installation manual, and in such a way as to make weighing and inspection convenient. *(2-1.3.4)*

10) Pass _____ Fail _____ N/A _____

If container is connected to a manifold, automatic means, such as a check valve shall be provided to prevent agent loss and to ensure personnel safety if the system is operated when any containers are removed for maintenance. (2-1.3.5)

11) Pass _____ Fail _____ N/A _____

Each agent container shall have a permanent nameplate or other marking that indicates the following:

- For halocarbons: the agent, tare and gross weights, and super-pressurization level (where applicable) of the container.
- For inert gases: the agent, pressurization level of the container, and nominal agent volume.