

Fire Suppression - Owner's Project Requirements

Division 210000-2

Reference	Specification Requirements
	Sprinkler piping shall be a metal piping system, unless specifically approved by DECA.
	Omega sprinkler heads as manufactured by Central Sprinkler Company, its subsidiaries, successors or assigns are not allowed as an approved bidder.
	Chemical based fire suppression systems shall utilize chemicals conforming to the Clean Air Act.

Reference	Systems Basis for Design Requirements
	Define Basis of Design Sprinkler System

Reference	Design Requirements
	Sprinkler freezing and condensation considerations shall be addressed, particularly at intake and relief damper locations and in conjunction with dry storage and walk-in freezers and coolers.
	Utilization of plastic piping components within a building is not permitted without written authorization from DECA..
	Below grade utility lines shall be clearly and accurately marked with appropriate marker tape.
	Building Sprinkler Systems shall be designed using hydraulic calculation procedures
	Utilization of chemical based fire suppression systems are not permitted without written authorization from DECA.
	Include fire protection system flow information on project drawings.
	Sprinkler system zones should correspond with fire alarm zones and be identified on drawings with appropriate control valves, alarm switches, etc.

Reference	Functional Requirements
-----------	-------------------------

	Sprinkler systems shall be designed and zoned to facilitate easy testing and maintenance.
	Using Agency personnel shall be on site during the final Fire Sprinkler system test or inspection.

Reference	Administrative Requirements
	Permitting