SOP WAREHOUSESOP

FREE PRINTABLE CHECKLIST

Sprinkler System Impairment Control Checklist

Regulation: 29 CFR 1910.159(a)

FACILITY	AREA OR EQUIPMENT ID	DATE	SHIFT
INSPECTED BY (PRINT)		SIGNATURE	

1. Procedure checks

Tick each step as it is done, in this order.

DONE	CHECK	NOTES
☐	No valve closes without the coordinator's permit and red tag	
☐	Notify the carrier, alarm company, and management before protection goes down	
☐	Tag every closed valve with the date, time, reason, and coordinator's name	
☐	Stop all hot work in the building; no permits while protection is down	
☐	Patrol the unprotected area and stage charged extinguishers there	
☐	Burst pipe or struck head? Close only the nearest valve and call it in at once	
☐	Restore before end of day; overnight needs management approval and continuous patrol	
☐	Reopen valves fully, drain test, restore monitoring, remove tags, tell everyone	

2. Compliance checks

Tick each item that is in place. The citation after an item is the paragraph that requires it.

DONE	CHECK	NOTES
☐	Every impairment, planned or emergency, is covered by an impairment permit, a red tag on each closed valve or impaired component, and an entry in the impairment log	
☐	Management, the property insurance carrier, and the alarm monitoring company are notified before any planned impairment, and the fire department is notified where the carrier or the fire code official requires it	
☐	No hot work permit is issued and active hot work stops anywhere in the building for the duration of any sprinkler impairment, per the facility Hot Work Permit Program SOP	
☐	A fire patrol walks the unprotected area on the stated cycle, continuously for overnight impairments, and staged extinguishers kept ready under the extinguisher program serve as compensating protection **29 CFR 1910.157(e)**	
☐	Impairments isolate the smallest zone the work requires, and protection is restored before the end of the working day wherever possible, with management approval required for anything longer	

☐	Where 1910.159 applies to a system under its paragraph (a) scope, the system is properly maintained, a main drain flow test is performed on each system annually, and the inspector's test valve is opened at least every two years **29 CFR 1910.159(c)(2)**	
☐	Where 1910.159 applies, equivalent protection is arranged when the automatic water supply is out of service, matching this SOP's compensating precautions during an impairment **29 CFR 1910.159(c)(4)**	
☐	Sprinkler piping is protected against freezing and exterior surface corrosion, so weather and rust do not create emergency impairments **29 CFR 1910.159(c)(6)**	
☐	After every impairment the waterflow alarm and monitoring connection are restored to operating condition and signal receipt is verified with the monitoring company **29 CFR 1910.165(d)**	
☐	The fire prevention plan names the person responsible for maintaining equipment to prevent or control sources of ignition or fires, matching the impairment coordinator named in this SOP **29 CFR 1910.39(c)**	
☐	The impairment log is complete, closed out with restoration verification for every entry, retained, and retrievable for insurance loss control review	

WARNINGS

Never perform hot work anywhere in the building while the sprinkler system is impaired

Never close more valves than the job requires, and never leave a closed valve untagged or unlogged

Never remove a red tag yourself: only the impairment coordinator removes tags, after restoration is verified

SUPERVISOR REVIEW

REVIEWED BY (SUPERVISOR)	SIGNATURE	DATE