



PROSPER FIRE RESCUE

FIRE MARSHAL'S OFFICE

PO Box 307
911 Safety Way
Prosper, Texas 75078
Phone (972) 346-9469 Fax (972) 347-3010 www.prosperfire.com

Wet Pipe Sprinkler System

This inspection checklist is provided as a courtesy to assist with your sprinkler suppression system installation requirements

Project Name: _____

Permit #: _____

Address: _____

Date: _____

City, State & Zip: _____

Phone Number: _____

Y	N	N/A	Hydrostatic Test
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Confirm underground fire line finalized w/SF-042 Certification
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Start PSI: <input type="text"/> Time: <input type="text"/> (≥ 200 psi for 2 hours)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pressure pumps disconnected 13-28.2.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	End PSI: <input type="text"/> Time: <input type="text"/> (No loss of pressure)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Relieved pressure and the gauge returned to zero

Inspection Results: Passed Failed

Y	N	N/A	Visual
---	---	-----	--------

Consult the stamped approved plans and verify the following

Piping & Hangers		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Verify proper pipe installed 13-16.3.1		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Verify piping sizes and layout		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pipe hangers installed per section 13-17.1.1		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Main & cross main piping supported per 13-(Table 17.4.2.1 a)		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Branch line piping supported per section 13-17.4.3		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Support of riser piping per section 13-17.4.5		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surge prevention of pipe exceeding 100 psi 13-9.2.2.4.4		

Sprinklers		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type, temp. & spacing of sprinklers match plans 13-9.5.1		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimum distances from sprinklers 13-9.5.3.4		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimum deflector distance below ceiling 13-9.5.4.1.1		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Obstructions to sprinkler discharge 13-9.5.5		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Min. Temp. & Distance from heat source 13-(Table 9.4.2.5 a)		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are dry sprinkler min. barrel lengths per 13-(Table 15.3.1 a)		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has the penetration of the dry sprinkler been sealed 13-15.3.3		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are sprinklers in their proper orientation per 13-9.5.4.2		

Riser		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Backflow device, size, type & flow direction 13-16.9.3.3.5		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Main drain piped outside or to drain of proper size 13-16.10.4.4		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all freeze protection methods operational SFMO 34.718		

Testing		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Main drain test performed, recorded permanently 13-28.2.3.4.2		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flow of ITV initiated signals within designed times 13-28.2.3.1		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Initiation devices activated the notification devices 13-28.2.3.1.1		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Signals to F/A panel w/correct address & description 903.4		

Comments: _____

Y	N	N/A	Visual
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sprinkler placement clearance from obstructions 13-9.5.5.2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify sprinkler heads are free from foreign matter 13-16.2.3.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Escutcheon plates are installed per mfg. instructions 13-16.2.5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Water pressure gauges are installed properly 13-16.13
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Inspector's test connection clearly indicated & accessible 13-16.9.12
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Auxiliary drains clearly indicated & accessible 13-16.10.5.3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sign @ each control valve w/portion of building served 13-16.9.12.3

Riser Room		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydraulic nameplate installed at riser per section 13-28.5.1		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spare head box, sprinkler heads, wrench & label per 13-16.2.7		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper space around riser(s) for service per mfg. (3' min.) 901.4.6		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Multiple risers correspond w/ fire alarm addressing 904.3		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All riser trim and valves labeled per 13-28.6.1.1		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Riser room door labeled & Knox box installed 509.1		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Riser room hard wired for heat & emergency lighting 13-8.2.5.2.1		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A Locking documents cabinet installed per Prosper Amendments		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NFPA 25, Contractor Certificate & As-Built Drawings in cabinet		

FDC		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Connection 18" to 48" above finished grade 13-16.12.5.1.2		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5" Storz w/30° downturn and locking cap 13-16.12.3.1.1		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FDC with the proper drip valve for drainage 13-16.12.7		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Verify 5' pathway, visible & facing the fire lane 24-5.9.5.1		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sign with 1" letters indicating what it serves 13-16.12.5.8		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If FDC serves multi-addresses, addresses must be listed 24-5.9a		

Testing		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Main drain test performed, recorded permanently 13-28.2.3.4.2		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flow from ITV initiated signals within the designed times 13-28.2.3.1		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Initiation of alarm activated proper notification devices 13-28.2.3.1.1		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Signals @ FACP correspond w/monitoring station signals received		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Verify DCVA forward flow and certification test report provided		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Signed Aboveground Contractor Material & Test Certificate SF-041		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Statement of Compliance letter on file with the Prosper FMO		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
As-Built drawings on file with the Prosper FMO		

Inspection Results: Passed Failed

Inspector's Name: _____

Contractor's Name & License # _____