

Fire Sprinkler Head Test Results

Report for:

Viking Automatic Sprinkler - St Paul
 Tyler Williams
 301 York Avenue
 Saint Paul, MN 55130
 PO# 003915

Building/System Name:

Grand Pre by the Park
 200 Winthrop St S
 St. Paul, MN 55119 United States

Job Number: 103351
 Number of Sprinklers: 4
 Date Received: 08/03/2017
 Report Date: 08/10/2017
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 For Service Call: (651) 558-3300

Sprinkler Information

Manufacturer: Globe	Water Seal Configuration: Belleville Spring
Identifier (Series, Model or SIN): J	Releasing Mechanism Type: Frangible Bulb
Sprinkler Type: Residential	Temperature Rating (°F/°C): 155 / 68
Response Type: Quick Response	Nominal K-Factor (US): 5.6
Orientation: Sidewall	Year Marking: 1992

Test Results

Specification: NFPA 25 Standard

Test	Method	Specification	Test Value	Test Result
Sprinkler Number: 1 Location 1				
Appearance - Paint	LBTR-3403, Rev. D	None	No Visual Paint	In Spec
Appearance - Corrosion	LBTR-3403, Rev. D	None	No Visual Corrosion	In Spec
Appearance - Damage	LBTR-3403, Rev. D	None	No Visual Damage	In Spec
Appearance - Loading	LBTR-3403, Rev. D	None	Loading Present	Out of Spec
Response Time, Sec.	LBTR-3404, Rev. K	0 - 17.1	17.8	Fail
Sprinkler Number: 2 Location 2				
Appearance - Paint	LBTR-3403, Rev. D	None	No Visual Paint	In Spec
Appearance - Corrosion	LBTR-3403, Rev. D	None	No Visual Corrosion	In Spec
Appearance - Damage	LBTR-3403, Rev. D	None	No Visual Damage	In Spec
Appearance - Loading	LBTR-3403, Rev. D	None	Loading Present	Out of Spec
Response Time, Sec.	LBTR-3404, Rev. K	0 - 17.1	17.1	Pass
Sprinkler Number: 3 Location 3				
Appearance - Paint	LBTR-3403, Rev. D	None	No Visual Paint	In Spec
Appearance - Corrosion	LBTR-3403, Rev. D	None	No Visual Corrosion	In Spec
Appearance - Damage	LBTR-3403, Rev. D	None	No Visual Damage	In Spec
Appearance - Loading	LBTR-3403, Rev. D	None	Loading Present	Out of Spec
Response Time, Sec.	LBTR-3404, Rev. K	0 - 17.1	14.4	Pass
Sprinkler Number: 4 Location 4				
Appearance - Paint	LBTR-3403, Rev. D	None	No Visual Paint	In Spec
Appearance - Corrosion	LBTR-3403, Rev. D	None	No Visual Corrosion	In Spec
Appearance - Damage	LBTR-3403, Rev. D	None	No Visual Damage	In Spec
Appearance - Loading	LBTR-3403, Rev. D	None	Loading Present	Out of Spec
Response Time, Sec.	LBTR-3404, Rev. K	0 - 17.1	14.5	Pass

Overall System Result: Fail, Replacement of All Sprinkler Heads in the System is Required
 For a further explanation about results, see LBTR-4402.

Grant Lobdell

Grant Lobdell, Lab Manager

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