



API 622 Testing Summary (Fugitive Emission Section Only)

Customer:	Work order: 117609
Teadit N.A., Inc.	Start date: 7-25-22
10545 Red Bluff Rd.	End date: 8-1-22
Pasadena, TX 77507	

Packing Information

Packing Description	Teadit 2848
Packing Set	5 Ring Braided Graphite Set
Packing Cross Section	1/4"
Test Fixture	Linear Actuated API 622 Test Fixture

Testing Criteria

Maximum Allowable Leakage	100	PPM
Test Pressure (Ambient)	600	PSIG
Test Pressure (500°F)	600	PSIG
Test Media	99%	Methane
Recommended Nut Torque	25.8	Ft-Lbs
Tested Stem Travel Per Stroke	4	Inches
Stroke Time	20	Seconds per Stroke
Cycle Time	42	Seconds per Cycle
Test Standard	API 622 3 rd Edition	

Results

Number Mechanical Cycles Required	1,510
Number Mechanical Cycles Completed	1,510
Number Thermal Cycles Required	5
Number Thermal Cycles Completed	5
Packing Adjustments Allowed	0
Status	Pass

Stem Seal Leakage (PPMv)		Gland Torque (Ft-Lbs)	
Avg.	Max.	Avg.	Max
4	8	22.9	25.8

Tested By:

Witnessed By: _____



TESTING INFORMATION

Testing Parameters

Testing Facility:	United Valve	
Test Start Date:	7-25-22	
Test End Date:	8-1-22	
Packing Selection:	By: Teadit	On: 7-19-22
Test Pressure	600 psig	
Test Temperature Required:	Ambient/500°F	
Maximum Allowable Leakage:	100 PPMv (Methane)	
Tested Stroke Rotation:	4	Inches
Time to Open Valve:	20	seconds
Time to Close Valve:	20	seconds
Total Time to Complete One Cycle:	42	seconds
Gland Nut Recommended Torque:	25.8	Ft-Lbs