

Fugitive Emission Test Report

Performed for

Teadit N.A., Inc.

Teadit 2848

Performed with 1/4" cross section
Linear Actuated

*The above mentioned packing has completed and successfully passed
all of the requirements of API 622 3rd Edition.*

Work Order: 115323

Start Date: October 25, 2021

End Date: December 15, 2021

Performed by

United Valve

9916 Gulf Freeway
Houston, TX77034
Phone: 713-944-9852
Fax: 713-944-5964
www.unitedvalve.com



API 622 Testing Summary

Customer: Teadit N.A., Inc.
 10545 Red Bluff Rd
 Pasadena, TX 77507

Work order: 115323
Start date: 10-25-2021
End date: 11-1-2021

Packing Information

Packing Description Teadit 2848
Packing Set 5 Ring Braided Graphite Set
Packing Cross Section ¼"
Test Fixture Linear Actuated API 622 Test Fixture

Testing Criteria

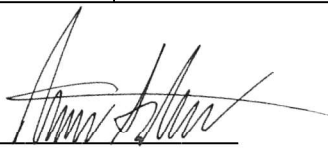
Maximum Allowable Leakage	100	PPM
Test Pressure (Ambient)	600	PSIG
Test Pressure (500°F)	600	PSIG
Test Media	99%	Methane
Recommended Nut Torque	57	Ft-Lbs
Tested Stem Travel Per Stroke	4	Inches
Stroke Time	20	Seconds per Stroke
Cycle Time	41	Seconds per Cycle
Test Standard	API 622 3 rd Edition	

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
0.14	1	48.5	57

Tested By:



Andrew Sandino

Witnessed By: _____



TESTING INFORMATION

Testing Parameters

Testing Facility:	United Valve	
Test Start Date:	10-25-2021	
Test End Date:	11-1-2021	
Packing Selection:	By: Teadit	On: 10-22-2021
Test Pressure	600 psig	
Test Temperature Required:	Ambient/500°F	
Maximum Allowable Leakage:	100 PPMv (Methane)	
Tested Stroke Travel:	4	Inches
Time to Open Valve:	20	seconds
Time to Close Valve:	20	seconds
Total Time to Complete One Cycle:	41	seconds

Pre-Test Measurements

Total Stem Travel:	4	Inches
Gland Nut Recommended Torque:	57	Ft-Lbs



Post-Test Under High Frequency Filtered Light



Pre-Test Under High Frequency Filtered Light