

API Standard 622 Test Report

“Type Testing of Process Valve
Packing for Fugitive Emissions”
Second Edition, 2011

Performed for

L&T Valves

www.lntvalves.com



JD Jones Pacmaan Style NA-707 Packing Set
And O-Ring

Project Number: 215178
Test Start Date: May 28, 2015



Performed by

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API 622 PROJECT SUMMARY

Customer: L&T Valves

Project Number: 215178

Start Date: 28-May-15

Packing Information

Packing Description: JD Jones Pacmaan Style NA-707 Packing (2 rings) and O-ring

Source of Sample: Customer

Packing Cross Section: 1/4 inch nominal

Packing Free Height: 0.51 inches - nominal

Test Conditions

Specification: API 622, 2nd Edition, 2011

Test Media: 99% Methane Test Pressure: 600 psig

Packing Nut Torque: 27 ft-lb

Maximum Allowable Leakage: 100 PPMv

Cycling Rate: 30 seconds per cycle

Dimensions (inches)

Stem Diameter: 1.000 Bore Diameter: 1.500

Follower Height: 1.054 Bore Depth: 0.990

Gland Ht at Start: 0.507 % Compression: 13%

Gland Ht at End: 0.52 % Compression: 11%

Gland Bolt Diameter: 5/8

Results

Average Test Pressure: 600 psig

Number of Mechanical Cycles Completed: 1510

Number of Thermal Cycles Completed: 5

Number of Packing Adjustments Required: 0

Cycle Number(s) of Packing Adjustments: N/A

Average Leakage Throughout Test: 9 PPMv

Maximum Leakage Throughout Test: 41 PPMv

Certified By



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