

API Standard 622 Test Report

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

Performed for

Slade, Inc.

<http://www.slade-inc.com/>



Slade Style 3300i

Project Number: 215023
Test Start Date: March 23, 2015



Performed by

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API 622 PROJECT SUMMARY

Customer: Slade, Inc.

Start Date: 23-Mar-15

Project #: 215023

Packing Information

Packing Description: Slade Style 3300i

5 pre-formed split braided rings with wire reinforcement and
zinc corrosion inhibitor.

Source of Sample: Manufacturer

Packing Cross Section: 1/4 inch nominal

Packing Free Height: 1.175 inches - nominal

Test Conditions

Specification: API 622, 2nd Edition, 2011

Test Media: 99% Methane **Test Pressure:** 600 psig

Recommended Packing Nut Torque: 40 ft-lb

Maximum Allowable Leakage: 100 PPM_v

Cycling Rate: 60 seconds per cycle

Dimensions (inches)

Stem Diameter: 1.000 **Bore Diameter:** 1.500

Follower Height: 1.054 **Bore Depth:** 1.369

Gland Ht at Start: 0.627 **% Compression:** 20%

Gland Ht at End: 0.608 **% Compression:** 21%

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: 1

Cycle Number(s) of Packing Adjustments: 450

Average Leakage Throughout Test: 10 PPM_v

Maximum Leakage Throughout Test: 133 PPM_v

Certified By



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