



Cert. No.: NYK-10-2163-1
Folder: PSALV
Date: 24 September 2010

DET NORSKE VERITAS

INSPECTION REPORT

This is to certify that at the request of the Valves Entreprise S.L, Poligono Bakiola 62, Bajo Arrankudiaga, Vizcaua, 48498, Spain the undersigned Surveyor to this Society did attend the Yarmouth Research and Technology facility at 92 East Elm Street, Yarmouth, ME, USA on 24 September 2010 in order to witness "Fire Testing" carried out in accordance with the ANSI/API Standard 607- 5th, 2005 Edition (Identical to ISO 10497: 2010) requirements on the following one (1) valve as follows:

Product:	10 inch Class 600 DEPV (Dual Expanding Plug Valve)
Manufacturer:	Valves Entreprise S.L., Spain
Type:	Double Block and Bleed Valve
Operated:	Gear
Flow Direction:	Bi-directional
Accessories:	Bleed System
Batch Number:	2010011, 2010
Serial Number:	15873
Assembly Drawing No.:	PG-25464-S001/Rev.00, dated 22-03-2010
Body Material:	EN 10213 G20Mn5 + ENP
Seat Material:	AISI 304 + Viton A
Stem Material:	ASTM A182 F6A
Bolting Material:	A320 L7 / Gr.7
Reduced or Full Bore:	Reduced Bore
Weight:	1055 Kg (2,321lb)
Qualified Sizes:	10" and larger valves of the same basic valve design made from ferritic pressure retaining materials.
Qualified Ratings:	Class 600, 800 and 900 valves of the same basic valve design made from ferritic pressure retaining materials.

The details of test are as follows:

- A) The valve in closed position is mounted in the test rig with the stem in horizontal position. The test valve and the system upstream of the test

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.

Yarmouth Research and Technology, LLC

Customer: Valve Enterprise S.L.

Date: 9/24/2010

Specification: ANSI/API Standard 607, Fifth Edition, June 2005

ISO 10497-5:2004

Product Description: 10 inch Class 600 DEPV Ball Valve

Project Number: PN210130a

Comments: Serial #: 15873, Batch No. 2010011, 2010

Yarmouth Engineer: Matthew J. Wasielewski, P.E.

Equipment Confirmed to be in Calibration to NIST Standards: Yes

Burn and Cool Down Test

Burn Start Time:	10:08:00	
Average Pressure During Burn:	1107	psig
Seat Leak Rate During Burn:	0.0	ml/min
Allowable Seat Leak Rate:	3200	ml/min
External Leak Rate During Burn/Cool Down:	0.3	ml/min
Allowable External Leak Rate:	800	ml/min
Amount of Time of Avg. Cal. Blocks > 650 deg. C:	22.5	minutes
Were Test Conditions Within Compliance?	Yes	
Were the Valve Leakages Below the Allowables?	Yes	

Post-burn Test

Average Pressure During Test:	30	psig
Seat Leak Rate:	0.0	ml/min
Allowable Seat Leak Rate:	320	ml/min
Was the Leakage Below the Allowable?	Yes	

Operational Test

Did Valve Unseat and Open Fully?:	Yes	
Average Pressure During Test:	1114	psig
External Leak Rate After Operating:	0	ml/min
Allowable External Leak Rate:	200	ml/min

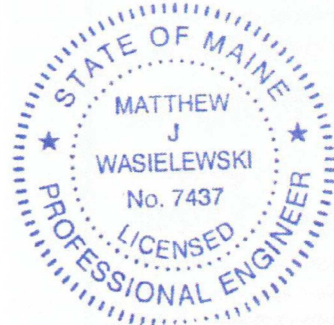
Was the Leakage Below the Allowable? **Yes**

Valve Pass or Fail the Test Standard? **PASS**

Witnesses



Matthew J. Wasielewski



Ally
09-24-10