

SHREWSBURY, MA

To: File
From: Ken Sundberg
Subject: API 607 7TH Edition Fire Test Certificate for 3" – 6" (DN80 – DN150) 7000 Model C

Memo: FTB-089-2
Date: January 4, 2017
Revision: 0

This is to certify that at the request of Metso Flow Control, the undersigned Professional Engineer did witness the fire test on the following Jamesbury brand valve at the facility in Shrewsbury, Massachusetts.

Particulars of Certified Valve:
WR20141504

Product Code: 3 7150312236XTZ1C
Type: Reduced Bore Flanged Uni-Body Ball Valve
Series: 7000
Size: 3"
Pressure Class: ASME B16.34 CL150
Body Cold Working Pressure: 285 psi
Valve Operating Device: Manual Gear Actuator

WR20141505

3 7150313600XTZ2C
Reduced Bore Flanged Uni-Body Ball Valve
7000
3"
ASME B16.34 CL150
275 psi
Manual Gear Actuator

Materials of Certified Valve:

Body, Insert, Cap:	Carbon Steel	Stainless Steel
Ball:	Stainless Steel	Stainless Steel
Stem:	Stainless Steel	Stainless Steel
Seats:	Xtreme	Xtreme
Stem Seals/Stem Packing:	TFM	TFM
Stem Bearings:	MTFE	MTFE
Secondary Stem Seal:	Graphite	Graphite
Compression Plate/Ring:	Stainless Steel	Stainless Steel
Body Seal:	TFM	TFM
Body Joint Fasteners:	N/A	N/A
Gland Fasteners:	ASTM A193, Gr. B7	ASTM A193, Gr. B8
Stem Retainer Seal:	N/A	N/A
Live Loaded Disc Springs:	AMS 5596 UNS N07718	AMS 5596 UNS N07718

Testing:

The manufacturer selected the test valve.

The testing completed meets the requirements of API 607, 7th Edition, dated June 2016.

Throughout the test the valve performed satisfactorily and met all the requirements of the above standard.

Visual examination after the test confirmed that the design was in accordance with the manufacturer's drawings and parts list.

This testing was done under work requests WR20141504 & WR20141505.

Valves Qualified by this Test:

<u>Size</u>	<u>Series</u>	<u>Construction Code</u>	<u>Body Material</u>	<u>Ball/Stem Material</u>	<u>Seat/Seal</u>	<u>Bolt Code</u>	<u>Model</u>	<u>Pressure Class</u>
3" (DN80)	7150/7180	31	22	36	XTZ	1	C	CL150 CL300
4" (DN100)	7300/7380		25	HB	TTT	2		
6" (DN150)	730S/738S		26		MTT	5		
			28		ZTT	6		
			35		ZTZ	7		
			36			D F		



Paul Sonier, PE

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