

SHREWSBURY, MA

To: File
From: Ken Sundberg
Subject: API 607 7TH Edition Fire Test Certificate for 2" – 6" (DN50 – DN150) 7000 Emission-Pak® Model C

Memo: FTB-091-2
Date: January 9, 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:

	WR20161624	WR20161749
Product Code:	3 7150LL312236XTZ1C	3 7150LL313600XTZ2C
Type:	Reduced Bore Flanged Uni-Body Emission-Pak® Ball Valve	Reduced Bore Flanged Uni-Body Emission-Pak® Ball Valve
Series:	7000	7000
Size:	3"	3"
Pressure Class:	ASME B16.34 CL150	ASME B16.34 CL150
Body Cold Working Pressure:	285 psi	275 psi
Valve Operating Device:	Manual Gear Actuator	Manual Gear Actuator

Materials of Certified Valve:

	WR20161624	WR20161749
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:	Flexitallic Graphite	Flexitallic Graphite
Body Joint Fasteners:	ASTM A193, Gr. B7	ASTM A193, Gr. B8
Gland Fasteners:	ASTM A193, Gr. B8	ASTM A193, Gr. B8
Stem Retainer Seal:	TFM + Graphite	TFM + Graphite
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.

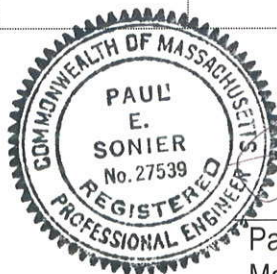
Throughout the test the valve performed satisfactorily and met all the requirements of the above standard.

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 WR20161624 & WR20161749.

Valves Qualified by this Test:

Size	Series	Emission-Pak® Type		Construction Code	Body Material	Ball/Stem Material	Seat/Seal	Bolt Code	Model	Pressure Class
3" (DN80)	7150/7180	LA	LL	31	22	36	XTZ	1	C	CL150
4" (DN100)	7300/7380	LC	L1		25	HB	TTT	2		CL300
6" (DN150)	730S/738S	LN	LS		26		MTT	5		
		LV	LB		28		ZTT	6		
		LW	LJ		35		ZTZ	7		
		LX	LG		36			D		
								F		



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