

CERTIFICATE



Industrie Service

Certificate of Conformity with Technical Requirements In: API STD 607 Sixth Edition, September 2010

Fire Test for Quarter-turn Valves and Valves Equipped with Nonmetallic Seats

Certificate No.: 230679

Ref. Test report No.: P-230679

Name of Manufacturer: HOHHOT MONVA VALVE CO., LTD.
Address: 4.5 KM, Huha Road, Xincheng District, Hohhot 010050,
Inner Mongolia, P.R.China

We hereby certify that the fire test on below valves have been conducted for above mentioned manufacturer and witnessed by TÜV SÜD Engineer according to requirements of API Std 607 Sixth Edition, September 2010. The testing results of valves meet the requirements of API Std 607 Sixth Edition, September 2010.

1. Description of Test Valve * :

Type of Test Valve	MV24F(150LB)
Description of Test Valve *	2 PCS Flanged End Ball Valve
Valve Size (bore), NPS	2
Pressure Rating (ANSI Class)	150
Valve Body Material	ASTM A351 CF8M
Weight of Test Valve (Kgs)	8 Kgs
Drawing No. / Rev.	MV-24F/24D-000 Rev.1

2. Qualified Range of Valves :

Type	MV24F and MV-24D
Description of Valves	2 PCS Ball Valves
Qualified Pressure Ratings(Class Rating / PN) (according to API 607 Table 5)	Class150 ; 300 / PN10; 16; 25; 40
Qualified Sizes (NPS) (according to API 607 Table 3)	2 and below ; 2-1/2 ; 3 ; 4
Qualified Valve Material (according to API 607 Para.7.2)	Austenitic (with Alloy and Austenitic steel bolting)
Qualified Valves Mass (according to API 607 Para.7.1 e)	6 kgs and larger
Remark: * The technical data of test valve is described in details on back of this certificate.	

This certificate is issued according to API STD 607 Sixth Edition, September 2010 based upon the result of testing report on above mentioned test valves. The additional valve qualification shall be limited to similar valves of same basic design (including calculation method) and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal, etc. according to API STD607 Sixth Edition September 2010.

Beijing, July 20th , 2016

(Place, date)

Mr. Qian Wu

TÜV SÜD Industrie Service GmbH



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Address: 4.5 KM, Huha Road, Xincheng District, Hohhot 010050,
Inner Mongolia, P.R.China

Fire Testing Location: Hefei General Machinery & Electrical Products Inspection Institute
No.888, West Changjiang Road, Hefei, Anhui, P.R. China

Technical Data of Test Valves

Description of Test Valve:

Type of Test Valves	MV24F(150LB)
Description of Valves	2 PCS Flanged End Ball Valve without Gearbox
Test Valve SN.	01
Design Standard	API 6D
Flanged End Standard	ASME B16.5 edition 2013
Inspection and Test Standard	API 598 edition 2009

Part Name	Material
CAP	ASTM A351 CF8M
Body	ASTM A351 CF8M
Ball	ASTM A182 316
Ball Seat	PTFE
Stem	ASTM 276 316
Stem Packing	Graphite
Packing Ring	ASTM A276 304
Washer	ASTM 276 301
Nut	ASTM A194 7
Body Bolt	ASTM A193 B7
Body Gasket	Graphite
Thrust Washer	PTFE
O-Ring	VITON
Nut Stopper	ASTM A276 304
Plate Washer	ASTM A276 304
Lock Device	ASTM A276 304
Handle	ASTM A276 304
Stop Pin	ASTM A276 304
Weight of Test Valve	8 Kgs
Drawing No./ Rev. :	MV-24F/24D-000 Rev.1