

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.: 249036

Ref. Test report No.: P-249036

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	MV - 86
Description of Test Valve *	3 PC Threaded End Ball Valve
Valve Size (bore), NPS	2
Pressure Rating (PSI)	2000 PSI (PN125)
Valve Body Material	ASTM A351 CF8M
Weight of Test Valve (Kgs)	6.38 Kgs
Drawing No. / Rev.	MV-86-000 Rev. S

2. Qualified Range of Valves :

Type	MV - 86
Description of Valves	3 PC Ball Valves
Qualified Pressure Ratings	2000 PSI / PN125
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)	4.79 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, June. 20th , 2017

(Place, date)

Mr. WU Qanjian
TÜV SÜD Industrie Service GmbH



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Name of Manufacturer: HOHHOT MONVA VALVE CO., LTD.
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	MV-86
Description of Valves	3 PC Threaded End Ball Valve without Gearbox
Test Valve SN.	01
Design Standard	API 6D
Threaded End Standard	ANSI B 2,1
Inspection and Test Standard	API 598 edition2009

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
Belleville Washer	ASTM A276 301
Gland	ASTM A276 304
Tap Washer	ASTM A276 304
Handle	ASTM A276 304
Stop Pin	ASTM A276 304
Weight of Test Valve	6.38 Kgs
Drawing No./ Rev. :	MV-86-000 Rev.S