

# CERTIFICATE

(Certificate of conformity with technical requirements in:)  
**API SPEC 6FA Third Edition, April 1999**

Certificate No.: QT-SHI12005/14-02

Ref. Test Report No.: FM201412108

**Name, Address of manufacturer:** **Xinhai Valve Co., Ltd**

22 Road, Economic and Technological Development Zone,  
 Wenzhou City, Zhejiang Province 325000, P. R, China

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TUV inspector according to requirements of API SPEC 6FA Third Edition, April 1999. The testing results of valves meet the requirements of API SPEC 6FA.

**1. Description of Test Valve :**

Type Designation of tested valve (s):	Q347N-CL600 NSP6
Description of Valve :	Trunnion Ball Valve
Nominal Size(s) :	6"
Pressure rating (ANSI Class) :	600
Valve Body Material :	ASTM A105

**2. Qualified Range of Valve :**

Type :	Q347N-CL600 NSP6
Description of Valves :	Trunnion Ball Valve
Qualified Pressure Ratings (Class) : <i>(according to API 6FA Table 3)</i>	600;900 API 6D
Qualified Sizes (NPS) : <i>(according to API 6FA Table 2)</i>	6";8";10";12"API 6D
Qualification Marking : <i>(according to API 6FA Para.7)</i>	Qualified valves shall be permanently marked: <b>6FA</b>

Remark: the technical data of test valve see back of this certificate appendix 1.

This certificate is issued according to API SPEC 6FA Third Edition, April 1999, based upon the result of testing report on above mentioned test valve. The additional valves qualification shall be limited on similar valves of same basic design as the test valve and 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 according to API SPEC 6FA Third Edition, April 1999, Para.4.8.

**Shanghai, 30 December, 2014**

Place, Date

  
 TÜV NORD Shanghai Branch

Appendix  
1

Certificate No.  
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Reference Report No.  
FM201412108

### Technical Data Form

**Name, Address of manufacturer:** **Xinhai Valve Co., Ltd**  
22 Road, Economic and Technological Development Zone,  
Wenzhou City, Zhejiang Province 325000, P. R, China

**1. Type of Test Valve:** Q347N-CL600 NSP6  
**2. Description of Test Valve:** Trunnion Ball Valve  
**3. Details of Valve:**

Part Name	Valves Size
	6"
Body/Cap	ASTM A105
Bonnet	ASTM A105
Sealing material for the connection of the body	304+Flexible Graphite
Disc	ASTM A105+ENP
Stem	ASTM A105+ENP
Sealing material for the stem	Flexible Graphite
Seat	ASTM A105+ENP
Sealing material	PTFE
Body Bolt	ASTM A193 B7
Nut	ASTM A194 2H
Design Drawing No.:	6"Q347N-600LB-00

**Shanghai, 30 December, 2014**

(Place, Date)

Stamp and signature TÜV NORD Shanghai Branch

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