



Industrie Service

# CERTIFICATE

(Certificate of conformity with technical requirements in: )  
**ANSI/API STD 607 Fifth Edition, June 2005**

Certificate No.: 212507

Ref. Test report No.: 212508

Name and postal address of manufacturer: **Kace Valve (Hangzhou) Co., Ltd.**

Building 2, No.16 Kanghui Road, Gongshu District,  
 Hangzhou City, PC: 310015, Zhejiang Province  
 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 TÜV inspector according to requirements of ANSI/API STD 607 Fifth Edition, June 2005. The testing results of valves meet the requirements of ANSI/API STD 607 Fifth Edition, June 2005.

**1. Description of Test Valve :**

|                                |                                   |
|--------------------------------|-----------------------------------|
| Type of Test Valve             | 6"Q347F-600Lb-Mxb                 |
| Description of Test Valve      | 3- PC Forging Trunnion Ball Valve |
| Valve Size, NPS                | 6"                                |
| Pressure Rating ( ANSI Class ) | 600                               |
| Valve Body Material            | ASTM A105N                        |

**2. Qualified Range of Valves :**

|  |  |
|--|--|
| Type   | 6"Q347F-600Lb-Mxb                                  |
| Description of Valves  | 3- PC Forging Trunnion Ball Valves                 |
| Qualified Pressure Ratings ( Class: Lb)<br><i>( according to API 607 Table 5 )</i>   | 600; 900   |
| Qualified Sizes ( NPS )<br><i>( according to API 607 Table 3 )</i>                   | 6"; 8"; 10"; 12"                                   |
| Qualified Valve Material<br><i>( according to API 607 7.2 )</i>                      | Ferritic   |
| Qualified Marking<br><i>( according to API 607 7.5 )</i>                             | Qualified valves shall be marked:<br><b>ISO-FT</b> |
| Remark: the technical data of tested valves see back of this certificate appendix 1. |  |

This certificate is issued according to ANSI/API STD 607 Fifth Edition, June 2005, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on similar valves of same basic design 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 according to ANSI/API STD 607 Fifth Edition, June 2005 Paragraph 7.

Shanghai, June 07, 2011  
 (Place, date)

TÜV SÜD Industrie Service GmbH



**Appendix 1:**

Certificate No.: 212507

Ref. Test report No.: 212508

Name and postal address of manufacturer: **Kace Valve (Hangzhou) Co., Ltd.**

Building 2, No.16 Kanghui Road, Gongshu District,  
Hangzhou City, PC: 310015, Zhejiang Province  
P. R. China

**Technical Data of Valve**

1. Type of Test Valve: 6"Q347F-600Lb-Mxb
2. Description of Test Valve: 3- PC Forging Trunnion Ball Valve
3. Details of Valve:

| Valves Size ( NPS )<br>Material | 6"                |
|---------------------------------|-------------------|
| Part Name                       |                   |
| Body                            | ASTM A105N        |
| Cap                             | ASTM A105N        |
| Ball                            | ASTM A105 +ENP    |
| Seat Seal                       | RTFE              |
| Seat Support Ring               | ASTM A105 +ENP    |
| Spring                          | INCONEL X-750     |
| Upper Stem                      | ASTM A276-410     |
| Packing(Fire safe seal)         | 304+Graphite      |
| Top Plate                       | ASTM A105N        |
| Low Stem                        | ASTM A105N +ENP   |
| Body Gasket                     | 304+Graphite      |
| Body Bolts                      | ASTM A193 B7      |
| Hex. Nuts                       | ASTM A194 2H      |
| Design Drawing No.:             | 6"Q347F-600Lb-Mxb |

Shanghai, June 07, 2011  
(Place, date)

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