



BUREAU
VERITAS

INSPECTION CERTIFICATE

Project : *Fire Test for Lubricated Type Quarter-Turn Plug Valve*

Reference Standard : *API6FA, Third Edition, April 1999*

Client : *ZheJiang ZheDong High & Middle Pressure Valve Making Co., Ltd.*

Address : *DongFang Industrial Zone, OuBei, WenZhou, China*

Inspection Date : *21th, Oct., 2005*

Bureau Veritas certifies that under-noted valves were tested by Product Inspection Institute of Hefei General Machinery Research Institute according to API 6FA on the inspection date at the request of above manufacturer. Assigned surveyor of Bureau Veritas China (Shanghai) Office witnessed the whole process of the fire tests.

Certificate No. : **05IND-IC1038**

Description of Tested Valve : *Lubricated Type Quarter-Turn Plug Valves, see annex*

Versions covered by the Tested type : *See annex*

Test Report No. : *from 2005FM770 to 2005FM773 issued by Product Inspection Institute of Hefei General Machinery Research Institute*

The valves in this certificate were carried out the fire test in accordance with API 6FA third edition dated April 1999 in the presence of BV surveyor and all results of the tests were satisfactory.

Made at : *BV Office, Shanghai, P.R.C.*

On : *25th, Oct., 2005*

Signed by :

Johnson Kan



This certificate is subject to the terms of Bureau Veritas General Conditions of Service attached to the agreement signed by the applicant.



BUREAU
VERITAS

Annex to the Inspection Certificate N°05IND-IC1038
List of tested and qualified valves

Description (Type)	Valve Tested (Drawing No.)	Valves Qualified
<i>Lubricated Type Plug Valves Reduced-Port Valve</i>	<i>Class 150LB, 2" Body : ASTM A216 WCB</i>	<i>Class 150 and 300 Size : 2", 2 1/2", 3", 4"</i>
<i>Lubricated Type Plug Valves Reduced-Port Valve</i>	<i>Class 600LB, 2" Body : ASTM A216 WCB</i>	<i>Class 600 and 900 Size : 2", 2 1/2", 3", 4"</i>
<i>Lubricated Type Plug Valves Reduced-Port Valve</i>	<i>Class 150LB, 6" Body : ASTM A216 WCB</i>	<i>Class 150 and 300 Size : 6", 8", 10", 12"</i>
<i>Lubricated Type Plug Valves Reduced-Port Valve</i>	<i>Class 600LB, 6" Body : ASTM A216 WCB</i>	<i>Class 600 and 900 Size : 6", 8", 10", 12"</i>

All above tested valves have same material of following components :
1. Fastener : ASTM A193 Grade B7

Note : 1. Hefei General Machinery Research Institute is a nationally authorized institute to perform Fire Test.





BUREAU
VERITAS

INSPECTION CERTIFICATE

Project : *Fire Test for Lubricated Type Quarter-Turn Plug Valve*

Reference Standard : *API6FA, Third Edition, April 1999*

Client : *ZheJiang ZheDong High & Middle Pressure Valve Making Co., Ltd.*

Address : *DongFang Industrial Zone, OuBei, WenZhou, China*

Inspection Date : *21th, Oct., 2005*

Bureau Veritas certifies that under-noted valves were tested by Product Inspection Institute of Hefei General Machinery Research Institute according to API 6FA on the inspection date at the request of above manufacturer. Assigned surveyor of Bureau Veritas China (Shanghai) Office witnessed the whole process of the fire tests.

Certificate No. : **05IND-IC1038**

Discription of Tested Valve : *Lubricated Type Quarter-Turn Plug Valves, see annex*

Versions covered by the Tested type : *See annex*

Test Report No. : *from 2005FM770 to 2005FM773 issued by Product Inspection Institute of Hefei General Machinery Research Institute*

The valves in this certificate were carried out the fire test in accordance with API 6FA third edition dated April 1999 in the presence of BV surveyor and all results of the tests were satisfactory.

Made at : **BV Office, Shanghai, P.R.C.**

On : **25th, Oct., 2005**

Signed by :


Johnson San


This certificate is subject to the terms of Bureau Veritas General Conditions of Service attached to the agreement signed by the applicant.