Certificate

Certificate of Conformity

Fire Test according to
API STANDARD 6FA
FOURTH EDITION, JUNE 2018

Certificate No.: **01 202 CHN/K-200045**

Name and address of the applicant / license holder :

Chongqing Chuanyi Control Valve Co., Ltd.
No. 879 Caihe Road, Caijiagang Town,
Beibei District, Chongqing,
P.R. China 400707

We hereby certify that the results of tests carried out under our witness on the industrial valve(s) below meet the requirements in the standard mentioned above.

This certificate does not imply assessment of the production of the product, reflects only our witness findings at the time and the place of test and does not refer to any other matters

Tested according to: API STANDARD 6FA
FOURTH EDITION, JUNE 2018

Description of tested valve: Metal-Sealed Ball Valve
DN200, Class 600, ASTM A216 WCB

Drawing No.: RFYA6-200-000-0001

Qualified Range of other valves: detials see test report CHN/K-200045
as annex to this certificate

Name and Address of Manufacturer: **Chongqing Chuanyi Control Valve Co., Ltd.**
No. 879 Caihe Road, Caijiagang Town,
Beibei District, Chongqing,
P.R. China 400707

Shanghai / April 20, 2020 i.A Oliver Zhu

TÜVRheinland® Inspection Body

TÜV Rheinland (Shanghai) Co., Ltd.
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Industrial Services

Test Report -
Fire Test acc. to API STANDARD 6FA
FOURTH EDITION, JUNE 2018

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Precisely Right.

Annex to Certificate No.:	**01 202 CHN/K-200045**		
Test report No:	CHN/K-200045	**Order No:**	244227072

Applicant / license holder:	Manufacturer:
Chongqing Chuanyi Control Valve Co., Ltd. No. 879 Caihe Road, Caijiagang Town, Beibei District, Chongqing, P.R. China 400707	**Chongqing Chuanyi Control Valve Co., Ltd.** No. 879 Caihe Road, Caijiagang Town, Beibei District, Chongqing, P.R. China 400707

TECHNICAL DATA:

Drawing No.: RFYA6-200-000-0001 Model Identification: ZJHR DN200 Class600

Fire Test Report: 2020FM152 issued by
Hefei General Machinery & Electrical Products Inspection Institute

Inspection Items: Fire-type test; Operational Test

Date of Test: April 1, 2020 Results: Acceptable

Item	Constructional Data Form (CDF) of tested valve		Qualification of other valves	
1	**Decription of Valve**	Metal-Sealed Ball Valve	Metal-Sealed Ball Valve	
2	**Size**	(Qualitied Size according to API 6FA Table ~~3 and~~ 4;)		
2.1	Nominal Size	DN200 API 6D	NPS	DN
			8 and larger API 6D, 9; 11 API 6A	200 and larger
3	**Pressure**	(Qualified Pressure Ratings according to API 6FA Table ~~5 and~~ 6)		
3.1	Nominal Pressure	Class Rating: Class 600 API 6D	Class or psi	MPa / bar
			Class 600; Class 900 API 6D, 2000 psi; 3000 psi API 6A	13.8, 20.7 / 138, 207 API 6A
4	**Valve Material**	(Qualified Valve Material according to API 6FA Para. 5.5.1, 5.5.2, 5.5.3)		
3.1	Body / Bonnet, Cover	ASTM A216 WCB, ASTM A105	Low alloy and carbon steel	
3.2	Seal for the cover and bonnet of the body	316L+Graphite	Any change in qualified metallic seal material with respect to all relevant seal shall not require additional qualification	
3.3	Stem	RFYA6-200-003-0006 630+WC10Co4Cr	RFYA6-200-003-0006 630+WC10Co4Cr	
3.4	Stem Seal	Graphite	Any change in qualified metallic seal material with respect to all relevant seal shall not require additional qualification	
3.5	Closure Bolting	GB/T 898 45	Low alloy bolting	
3.6	Nut	GB/T 40 35	Low alloy bolting	
4	**Marking**	Qualified valves shall be permanently marked: 6FA-EXT		

RESULT:

The above-mentioned inspections were performed in accordance with the provisions of the stated test requirements/specifications.

Further Attachments: 1) Fire test report no.: 2020FM152, 2) Drawing no.: RFYA6-200-000-0001

For order processing we have stored essential object data and the address. The protection of the data is guaranteed. The test results relate exclusively to the described test object. Partial copies of the test report without a written authorization by the company is not permitted.
This test report is issued by the company subject to its General Condition of Service.

Shanghai / April 20, 2020

Expert: Zhao Botao