

CERTIFICATE

**(Certificate of Conformity with Fugitive Emission Type Testing acc. to:
ISO15848-1 Second Edition, 2015-06-01)**

Certificate No.: QT-IS-SH110019/2019R1
Ref. Test Report No.: QT-IS-SH110019/2019R1-1

Name, Address of manufacturer: Crane Ningjin Valve Co., Ltd.
No.496, Jinglong Street, Ningjin County, Hebei Province, P.R.China

We hereby certify that the fugitive emission type test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV inspector according to the requirements of ISO15848-1, Second Edition, June 2015. The testing results of valves meet the requirements of ISO15848-1, Second Edition, June 2015.

1. Description of test valve :

Type designation of tested valve (s):	Q41F-1500LB-11/4"-FF
Description of valve :	Ball Valve
Nominal size(s)	11/4"
Pressure rating (ANSI Class) :	1500
Valve body material :	ASTM A182 F316
Stem size :mm	Φ26
Stem packing :	Graphite Packing+ O-ring

2. Qualified Range of Valve :

The valve Class (ANSI) :	1500 or lower
Stem diameter(Φ): mm	13 to 52
The temperature class : °C	RT to 200
The tightness class	BH or lower

Remark: the technical data of test valve see back of this certificate Appendix 1, and see TR No.:ROCKB201911023.

This certificate is issued according to ISO15848-1 Second Edition, June 2015, based upon the result of testing report on above mentioned test valve.

Shanghai, March 28, 2020

Place, Date



TÜV Thuringen Shanghai Co., Ltd.

Appendix
1

Certificate No.
QT-IS-SH110019/2019R1

Reference Report No.
QT-IS-SH110019/2019R1-1

Technical Data Form

Name, Address of manufacturer:		Crane Ningjin Valve Co., Ltd. No.496, Jinglong Street, Ningjin County, Hebei Province, P.R.China
1. Type of Test Valve:		Q41F-1500LB-11/4"-FF
2. Description of Test Valve:		Ball Valve
Material & Dimension		
Part Name		
Body	ASTMA182 F316	
Bonnet	ASTMA182 F316	
Ball	ASTMA182 F316	
Stem	ASTMA182 F316	
Diameter of the stem	Φ26	
Sealing system	Packing with Gland	
Stem seal Material	Graphite Packing+ O-ring	
Body seal description	Flange with gasket	
Body seal Material	Graphite SWG+ O-ring	
Stem moving	Rotating	
3. Details of test class designation:		BH-CO1-SSA0-t(RT to 200°C)
4.Drawing No.:		Q41F-1500LB-11/4"-00

Shanghai, March 28, 2020

Place, Date

Ge, Lei
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TUV Thuringen Shanghai Co., Ltd.

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