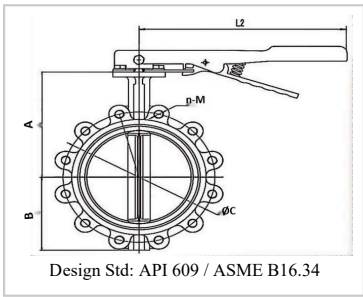




INSPECTION CERTIFICATE

According to EN10204 3.1



**Manufacturer:** Tianjin Jiangrui Steel Casting Co., Ltd.

**Address:** DaZhan Industrial Park, Xiaozhan Town, Jinnan District, Tianjin, China

**Customer:** For Reference Only (Sample MTC)

**Order No.:** SAMPLE-LUG-2411

**Certificate No.:** JR-241115-LUG

**Date of Issue:** 2025/11/21

**Product:** Lug Type Butterfly Valve (Threaded Ends)

HYDROSTATIC & PNEUMATIC TEST RESULTS (PER API 598)

ITEM	PRODUCT	QTY	SIZE	CL/PN	DIMENSIONS(mm)-PerDrawing				Material				HYDROTEST (bar)	
					L	A	B	ØC	Body	Stem	Disc	Seat	Shell (24)	Seat (17.6)
1	Lug Butterfly Valve	10	DN150	PN16	55.6	185	130	240	CF8	SS410	CF8	EPDM	PASS	PASS

CHEMICAL COMPOSITION & MECHANICAL PROPERTIES (BODY / DISC)

QTY	SIZE	PART	MATERIAL	HEAT NO.	CHEMICAL COMPOSITION (%)								MECHANICAL PROPERTIES		
					C	Mn	Si	S	P	Cr	Ni	Mo	Yield (Mpa)	Tensile (Mpa)	Elong (%)
Standard Req. (ASTM A351 CF8)					≤ 0.08	≤ 1.50	≤ 2.00	≤ 0.04	≤ 0.04	18.0-21.0	8.0-11.0	-	≥ 205	≥ 485	≥ 35
10	DN150	Body	ASTM A351 CF8	J-241112	0.06	1.20	0.95	0.02	0.03	19.50	9.35	-	242	525	41
10	DN150	Disc	ASTM A351 CF8	J-241112	0.05	1.18	0.92	0.02	0.03	19.45	9.3	-	245	530	42

Tests:

- Appearance (MSS SP-55): PASS
- Pressure Test: PASS
- Material Test: PASS
- Dimension Inspection: PASS

Manufacturer / Class Approval:  
ISO 9001:2015 | CE (PED 2014/68/EU)



Inspection By:



Authorized Signature:  
Quality Manager

Declaration of Compliance:

We hereby certify that the materials and products mentioned above have been inspected and tested in accordance with the terms of the order and applicable standards (EN 10204 3.1). The results are found to be in conformity with the specification.

Remarks: Heat Treatment: Solution Annealing. Visual Inspection according to MSS SP-55. Nickel (Ni) content controlled >9.0%.