

**Inspection Certificate and Material Test Report**  
(EN10204-1991 3.1.B / EN10204-2004 3.1)

DSI-Valve Solutions  
281-637-2000 - Fax 281-637-2299  
www.dsivalve.com

**Certificate/Serial/Job No:** YK45 / 10

*Quality Department: John Ho*

Quantity	Size (NPS)	Class	Product	Description	Type	SONumber	Line	Sold to	Date
51	4	300	/ 103019	DSI 149XU	SWING				10/22/2012

<b>Pressure Test:</b> API598	<input checked="" type="checkbox"/> Satisfactory	<b>Shell Pressure :</b> 1125 psi 7756.6 kPa	<b>BackSeat :</b> psi kPa	<b>Seat Pressure</b> 825 psi 5688.17 kPa	<b>Seat Air Pressure</b> psi kPa
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Part	Specif.	HEAT No	Chemical Composition [%]													Mechanical Properties						Heat				
			C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V	Nb	Al	N	Tensile [ksi] [MPa]	Yield [ksi] [MPa]	Elong [%]	Reduc [%]	Hard [HB]	Ch.1 [J]		Ch.2 [J]	Ch.3 [J]	Ch. A [J]	Temp. [F] [C]
BODY	ASTM A216 WCB-2008	W 18303	0.194	0.46	0.90	0.025	0.010	0.052	0.054	0.007	0.053	0.008			0.045	82.80	53.80	30	55	164						N
CLAPPER	ASTM A182F6a-2008a	C 590	0.093	0.36	0.46	0.024	0.0070	0.220	12.45		0.14					90.05	60.03	32	66	297						N
COVER	ASTM A105-2005	C 30967	0.18	0.17	0.95	0.024	0.008	0.02	0.06	0.004	0.05	0.003				74.68	52.20	30	65	150						N
																514.90	359.9									

**Heat Treatment Codes:**

A : Annealing	AC : Air Cooling	DA : Double Aged	ET : Furnace Treatment	N : Normalizing	OQ : OilQuenched
PH3 : Precipitation Hardening	SA : Solution Annealed	SQ : Solution Quenched	ST : Solution Treatment	T : Tempering	WC : Water Cooling
WQ : Water Quenched	WT : Water Quenched/Tempered			KT : Normalized/Tempered	

Part	Material
BODY	ASTM A216 WCB
BOLTING	ASTM A193 B7 / ASTM A194 2H
COVER	ASTM A105
DISC-WEDGE-CLAPPER	ASTM A182 F6A Cl. 13
HINGE PIN	ASTM A276 410
SEAT RING	ASTM A105 + St1.6 Faced

Valves Tested per API598  
We hereby certify, that the material described above complies with the order requirements.

**EC Declaration of Conformity: JEV (Jiangyin Eastern Valve Co. Ltd.), Jiangsu Province, 214423, P.R. China**  
According to Annex VII of Pressure Equipment Directive 97/23/EC, hereby declare that the products detailed above are in compliance with PED 97/23/EC and have been manufactured in accordance with conformity assessment module B+D as approved Det Norske Veritas Inspection AB as Identification No 0575 (formerly 0409). The products may cover Category I, II and III of pressure equipment. For the most specific risks of this equipment, safety and compliance with essential requirements of the Directive has been based on API 600, API598, ASME B16.34, ASME B16.5, ASME B16.10 latest edition.

Undersigned by Liu Jian Qing, representing Jiangyin Eastern Valve company Ltd. : *刘建清*