Tepotzotlán, Edo. de México, 54600.

SERIAL NUMBER:

DATE:

W02R1377 31 MAY 02

MECHANICAL TESTS

Industrial de Válvulas, S.A. de C.V.

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

WE CERTIFY THAT THE PRODUCT LISTED BELOW WAS DESIGNED, MANUFACTURED AND TESTED ACCORDING TO OUR QUALITY SYSTEM AND REQUIREMENTS GIVEN IN ONE OR MORE OF THE FOLLOWING STANDARS:

API 6D

- PIPELINE VALVES - GATE, PLUG, BALL AND CHECK

API 600

- STEEL GATE VALVES - FLANGED AND BUTT-WELDING ENDS

API 598

- VALVE INSPECTION AND TESTING

API 599

- METAL PLUG VALVES - FLANGED AND WELDING ENDS

ANSI B16.10 - FACE TO FACE AND END TO END DIMENSIONS OF VALVES

ANSI B16.34 - VALVES - FLANGED, THREADED, AND WELDING ENDS

MSS-SP61

- PRESSURE TESTING OF STEEL VALVES

PART. No.: 757199

DESCRIPTION: 4º FIG. 5341 F UT MCB, API TRIN No. 8

CAST STEEL SWING CHECK VALVE

SPECIFICATION 83000

PRESSURE TESTS	SHELL	BACK SEAT	1ST SIDE	2ND SIDE
HYDROSTATIC (PSI)	450	H A	N A	315
PNEUMATIC (PSI)			N A	N A

											MECHANICAL 12313							
					CHI	EMICA	L COM	POSITI	ON (%)					TENS	YIELD	ELG	RED	BHN
ITEM	HEAT No.	MATERIAL (ASTM)	С	Mn	P	S	Si	Ni	Cr	Мо	Cu	٧	W	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG
1084	306 3A164	A 216 NCB	0.190	0.850	9.012	0.014	0.460	0.960	0.090	0.020	0.029	Q.001		70.75	41.55	30.0	61.0	156
BONNET-COVER	30658050	A 216 WCB	0.210	0.840	0.014	0.012	0.450	0.040	0.080	0.010	0.040	0.002		73.00	46.04	25.0	51.0	156
WEDGE-DISC- PLUG	245-02	A 276 410	0.131	0 .70 7	0.020	0 .00 7	0.215	0.214	13.060	0.026	0.057			84.00	75.00	35.0	50.0	179
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Jorge Soto

CERTIFIED BY: