Tepotzotlán, Edo. de México, 54600.

SERIAL NUMBER: DATE: V02G770 08 AUG 02

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.: 82404P

DESCRIPTION: 2º FIG. 5281 F UT MCB, API TRIN No. 8

SPECIFICATION 83000

CAST STEEL GLOBE VALVE

PRESSURE TESTS	SHELL	BACK SEAT	1ST SIDE	2ND SIDE
HYDROSTATIC (PSI)	1125	1125	825	N A
PNEUMATIC (PSI)			80	M A

											MECHANICAL TESTS							
		CHEMICAL COMPOSITION (%)								TENS	YIELD	ELG	RED	BHN				
ITEM	HEAT No.	MATERIAL (ASTM)	С	Mn	Р	S	Si	Ni	Cr	Мо	Cu	٧	W	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG
BODY	2808A017	A 216 WCB	0.190	0.780	0.018	0.013	0.480	0.050	0.100	0.020	0.032	0.001		71.87	41.55	27.0	59.0	156
BONNET-COVER	02C49C	A 216 WCB	0.200	0.890	0.025	0.014	0.460	0.170	0.290	0.080	0.045	0.003		78.61	51.66	30.0	54.0	156
MEDGE-DISC- PLUG	344-02	A 276 410	0.118	0.808	0.019	0.004	0.731	0.156	12.850					88.00	75.00	35.0	50.0	187

CERTIFIED BY:

QUALITY ASSURANCE

rge Soto