SERIAL NUMBER: DATE: V02G1147 31 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.: 82606P

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

CAST STEEL GLOBE VALVE

SPECIFICATION 83000

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

												MECHANICAL TESTS						
		CHEMICAL COMPOSITION (%)										TENS	YIELD	ELG	RED	BHN		
ITEM	HEAT No.	MATERIAL (ASTM)	С	Mn	P	S	Si	Ni	Cr	Мо	Cu	V	W	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG
BODY	2808A045	A 216 WCB	0.210	0.930	0.018	0.012	0.430	0.110	0.210	0.060	0.057	0.002		79.73	50.54	24.0	51.0	163
BONNET-COVER	02K18C	A 216 WCB	0.210	0.910	0.034	0.017	0.450	0.130	0.140	0.030	0.026	0.003		76.36	50.54	29.0	54.0	156
WEDGE-DISC- PLUG	524-02	A 276 410	0.148	0.640	0.024	0.010	0.460	0.200	12.750		0.050			87.75	71.36	24.0	58.0	170

CERTIFIED BY:

QUALITY ASSURANCE