



Industrial de Válvulas, S.A. de C.V.
 Av. de la Industria Lote 16 Fracc. Industrial El Trébol
 Tepotzotlán, Estado de México. C.P. 54600

(NUMERO) NUMBER:

(FECHA) DATE:

1801/2002
 19 AUG 2002

**QUALITY ASSURANCE (ASEGURAMIENTO DE CALIDAD)
 CERTIFICATE OF COMPLIANCE (CERTIFICADO DE CUMPLIMIENTO)**

**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 STANDARDS:**

**CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PROBADO
 DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS**

EN UNO O MAS DE LOS SIGUIENTES STANDARES:

- ANSI B16.11 - FORGED FITTINGS, SOCKET - WELDING AND THREADED**
- API 602 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS**
- API 598 - VALVE INSPECTION AND TESTING**
- 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.: 69018
 (CODIGO)

DESCRIPTION: 0.5" FIG. 950S UT A105, API TRIM No. 8
 (DESCRIPCION) **FORGED STEEL GATE VALVE**

PRESSURE TESTS (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK SEAT	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	2970	2970	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

INVOICE : 30753 ITEM : 19

ITEM PARTE	HEAT No. COLADA	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA)												MECH. TESTS (PROP. MECANICAS)				
			CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA)												TENS	YIELD	ELG	RED	BHN
			C	Mn	P	S	SI	NI	Cr	Mo	Cu	V	Cb	N	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG
BODY	AZ	A105	0.19	0.86	0.008	0.020	0.21	0.110	0.050	0.019	0.210	0.001	0.000	0.000	79.99	44.82	28.8	58.4	149
YONE	CZA10	A 105	0.20	0.87	0.008	0.005	0.28	0.080	0.070	0.010	0.170	0.001	0.000	0.000	72.50	46.26	32.4	55.5	147

George Soto

CERTIFIED BY:

CERTIFICADO POR:

QUALITY ASSURANCE
 ASEGURAMIENTO DE CALIDAD