



Industrial de Válvulas, S.A. de C.V.
 Av. de la Industria Lote 16 Fracc. Industrial El Trébol
 Tepotzotlán, Estado de México. C.P. 54800

(NUMERO) NUMBER:
 (FECHA) DATE:

2374/2002
 31 OCT 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 STANDARS:**

**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.: 69370
 (CODIGO)

DESCRIPTION: 0.5" FIG. 5520S 3W F316, API TRIN No. 12
 (DESCRIPCION) FORGED STEEL GLOBE VALVE

VALVULA SUMINISTRADA CON JUNTAS Y EMPAQUES DE TEFLON

PRESSURE TESTS (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK SEAT	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	2880	2880	2115	N A
PNEUMATIC (PSI) (NEUMATICA)			80	N A

INVOICE : 39525 ITEM : 12

ITEM PARTE	HEAT No. COLADA	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA)												MECH. TESTS (PROP. MECANICAS)				
															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	NF	A 182 F31	0.02	1.54	0.029	0.016	0.52	12.080	16.430	2.050	0.450	0.000	0.000	0.007	78.396	39.788	60.8	78.4	0.0
BODY	01SS	F 316L	0.04	1.53	0.022	0.030	0.42	10.240	16.430	2.260	0.000	0.000	0.000	0.000	86.83	39.53	55.7	74.6	192
BODY	010U	F 316	0.01	1.36	0.030	0.024	0.50	12.000	17.000	2.080	0.000	0.000	0.000	0.008	81.98	44.31	59.4	77.4	0.0
YDKE	VA	A182 F316	0.07	1.68	0.015	0.018	0.92	10.750	16.570	2.090	0.000	0.000	0.000	0.000	87.00	37.05	68.0	76.0	0.0
YDKE	WG	A182 F316	0.06	1.88	0.015	0.010	0.70	10.710	16.080	2.250	0.000	0.000	0.000	0.000	96.79	45.97	51.0	71.0	0.0
YDKE	CZ	F 316L	0.01	1.46	0.031	0.026	0.47	10.100	17.400	2.010	0.000	0.000	0.000	0.000	84.25	41.18	53.6	66.9	0.0

CERTIFIED BY:

George Soto
 QUALITY ASSURANCE
 ASEGURAMIENTO DE CALIDAD

CERTIFICADO POR:

FAC10-23 REV. "1"