



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

(NUMERO) NUMBER:

153/2003

(FECHA) DATE:

24 JAN 2003

**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.: 66042
(CODIGO)

DESCRIPTION: 1.5" FIG. 9560F UT A105, API TRIM No. 8
(DESCRIPCION) FORGED STEEL GATE VALVE

**VALVULA SUMINISTRADA CON CONTROL DE EMISIONES
 FUGITIVAS A 50 PPM'S MAX**

PRESSURE TESTS (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK SEAT	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	2220	2220	NA	NA
PNEUMATIC (PSI) (NEUMATICA)			80	80

INVOICE : 40669 ITEM : 1

ITEM PARTE	HEAT No. COLADA	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA)												MECH. TESTS (PROP. MECANICAS)				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	N	TENS	YIELD	ELG	RED	BHN
															KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG
BOBY	56866	A105	0.19	0.99	0.004	0.029	0.24	0.110	0.050	0.270	0.280	0.001	0.000	0.000	77.30	40.10	31.4	59.1	156
YONE	56867	A105	0.20	1.00	0.010	0.026	0.25	0.090	0.120	0.033	0.200	0.000	0.000	0.000	83.20	56.40	35.8	71.5	159
YONE	57013	A 105N	0.20	1.00	0.010	0.026	0.25	0.090	0.120	0.033	0.290	0.003	0.000	0.000	79.20	54.70	35.6	62.9	187
YONE	CL	A105	0.20	0.82	0.006	0.009	0.18	0.080	0.060	0.030	0.110	0.000	0.000	0.000	71.37	50.10	33.9	62.4	179
YONE	BW	A 105N	0.23	0.81	0.010	0.004	0.20	0.160	0.100	0.040	0.400	0.000	0.000	0.000	78.91	47.41	24.8	58.7	163

George Solis

CERTIFIED BY:

QUALITY ASSURANCE

CERTIFICADO POR:

ASEGURAMIENTO DE CALIDAD