



WALWORTH®

Industrial de Válvulas, S.A. de C.V.
Av. de la Industria Lote 18 Fracc. Industrial el Trébol
Tepetzotlán, Estado de México C.P. 54800

(NUMERO) NUMBER:

2978/2003

15/12/2003

(FECHA) DATE:

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 ESTANDARES

- 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.: 66188
(CODIGO)

DESCRIPTION: 1" FIG. 5320 SW UT A105, API TRIN No. 8
(DESCRIPCION) FORGED STEEL GLOBE VALVE (VALVULA GLOBO DE ACERO FORJADO)

MANUFACTURED TO MEET NACE MR0175 REQUIREMENT (VALVULAS DE SERVICIO NACE MR0175 Y CONTROL DE)
AND LOW FUGITIVE EMISSIONS CONTROL (EMISIONES FUGITIVAS DE 50 PPM's)

PRESSURE TESTS (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK SEAT	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	2970	2970	2175	N A
PNEUMATIC (PSI) (NEUMATICA)			80	N A

INVOICE 45707 ITEM 7 QTY 20
(FACTURA) (PARTIDA) (CANTIDAD)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA)											MECHANICAL 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
BODY (CUERPO)	57561	A105N	0.190	0.810	0.004	0.028	0.210	0.120	0.100	0.031	0.320	0.021		76.60	56.20	31.0	68.3	146
BODY (CUERPO)	57730	A105N	0.190	1.080	0.003	0.022	0.250	0.100	0.080	0.033	0.290	0.002		74.40	47.80	32.5	67.2	153
YUKE (YUCCO)	58101	A 105N	0.180	0.730	0.008	0.027	0.290	0.140	0.140	0.044	0.310	0.023		74.10	48.20	30.9	64.0	179

CERTIFIED BY:


QUALITY ASSURANCE

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD