



WALWORTH®

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

(NUMERO) NUMBER:

474/2004
20/02/2004

(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.: 57968
(CODIGO)

DESCRIPTION: 1" FIG. 950 S UT A105, API TRIM No.8
(DESCRIPCION) FORGED STEEL GATE VALVE (VALVULA COMPUERTA DE ACERO FORJADO)

VALVE WITH LOW EMISSION CONTROL

(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)	2970	2970	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

INVOICE 46835 ITEM 10 QTY 50
(FACTURA) (PARTIDA) (CANTIDAD)

MECHANICAL TESTS (PROP. MECANICAS)

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	AVG			
BODY (CUERPO)	E45	A 105N	0.220	0.800	0.030	0.033	0.340	0.350	0.250	0.100	0.360	0.040						85.34	79.24	39.0	55.0	177
BODY (CUERPO)	58145	A105N	0.210	0.750	0.003	0.034	0.230	0.100	0.110	0.035	0.270	0.023						72.10	46.60	29.3	63.9	163
YONE (YUGO)	E45	A 105N	0.220	0.800	0.030	0.033	0.340	0.350	0.250	0.100	0.360	0.040						85.34	79.24	39.0	55.0	177
YONE (YUGO)	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