



WALWORTH®

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: 429/2004

17/02/2004

(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 VALES - 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.: 68036
 (CODIGO)

DESCRIPTION: 1 1/2" FIG. 950 SW 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 46714 ITEM 6 QTY 50
 (FACTURA) (PARTIDA) (CANTIDAD)

MECHANICAL TESTS (PROP. MECANICAS)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	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 (CUERPO)	58061	A 105	0.190	1.030	0.005	0.022	0.240	0.090	0.080	0.034	0.220	0.001							75.90	51.10	30.3	55.7	149
BODY (CUERPO)	58062	A 105	0.190	1.030	0.005	0.022	0.240	0.090	0.080	0.034	0.220	0.001							75.50	50.30	28.5	57.3	166
BODY (CUERPO)	58066	A 105M	0.180	0.730	0.008	0.027	0.290	0.140	0.140	0.044	0.310	0.023							85.30	60.40	28.9	58.6	179
YDKE (YUGO)	58214	A 105	0.190	1.000	0.012	0.023	0.240	0.170	0.150	0.044	0.380	0.003							85.20	58.80	29.1	66.8	146

CERTIFIED BY: 
 CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD