



# 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:

2745/2003

26/11/2003

(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 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.: 68028  
 (CODIGO)

DESCRIPTION: 1" 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 45312 ITEM 01 QTY 40  
 (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	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)	57588	A 105N	0.190	0.810	0.004	0.028	0.210	0.120	0.100	0.031	0.000	0.000						72.40	47.80	34.5	69.5	154
YOKE (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
YOKE (YUGO)	57206	A 105N	0.190	0.810	0.004	0.028	0.210	0.120	0.100	0.031	0.320	0.021						71.90	50.60	30.8	64.3	146
YOKE (YUGO)	57606	A 105N	0.190	0.870	0.007	0.028	0.250	0.120	0.090	0.028	0.250	0.021						80.60	56.30	30.4	62.7	156

CERTIFIED BY:

QUALITY ASSURANCE  
 CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD