



# 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. 54600

(NUMERO) NUMBER:

3271/2004  
31/10/2004

(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.:  
(CODIGO) 68068

DESCRIPTION:  
(DESCRIPCION) 1 1/2" FIG. 5540 SW UT A105, API TRIM No.8  
FORGED STEEL PISTON CHECK VALVE (VALVULA RETENCION TIPO PISTON 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)	BLACK SEAT	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	2970	N A	N A	2175
PNEUMATIC (PSI) (NEUMATICA)			N A	N A

INVOICE 52287 ITEM 5 QTY 10

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA)											MECHANICAL TESTS (PROP. MECANICAS)				
			(FACTURA)			(PARTIDA)			(CONTINUA)					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)	59017	A 105N	0.200	0.790	0.008	0.030	0.190	0.070	0.080	0.300	0.023	0.001		93.10	52.80	25.5	51.5	174
YONK (YUGO)	57732	A105N	0.190	1.020	0.002	0.026	0.220	0.080	0.050	0.028	0.210	0.001		73.10	51.30	38.8	69.5	146
YONK (YUGO)	57946	A 105N	0.190	0.940	0.007	0.250	0.026	0.080	0.080	0.028	0.260	0.004		75.70	46.80	30.6	62.0	179
YONK (YUGO)	57877	A 105N	0.210	0.830	0.007	0.016	0.240	0.090	0.050	0.023	0.300	0.003		80.80	55.80	25.9	61.3	179

CERTIFIED BY:

QUALITY ASSURANCE

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD