



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:

V03C7451
 08 AUG 03

(FECHA) DATE:

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE ASEGURAMIENTO DE CALIDAD 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 STANDARS:

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

- API 6D - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
- API 600 - STEEL GATE VALVES - FLANGED AND BUT-WELDING ENDS
- API 598 - VALVE INSPECTION AND TESTING
- API 599 - METAL PLUG VALVES - FLANGED AND WELDING ENDS
- 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.: 59910P
 (CODIGO)

DESCRIPTION: 4" FIG. 5202 F AA CS, API TRIM No. 1
 (DESCRIPCION) VALV. COMP. DE ACERO FUND.

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)	450	450	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA)											MECHANICAL TESTS (PROP. MECANICAS)				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG
CUERPO	6033A001	A 217 CS	0.180	0.680	0.025	0.013	0.540	0.100	4.940	0.570	0.053	0.011	0.002	112.30	77.64	20.0	58.0	217
BUNETE-TAPA	6034A001	A 217 CS	0.190	0.590	0.028	0.014	0.530	0.090	4.650	0.530	0.059	0.011	0.002	108.14	76.15	20.0	56.0	207
CUNA-BIGUDO-TAPON	34695	A 217 CA15	0.100	0.890	0.022	0.016	0.850	0.041	0.034	0.018	0.034	0.002		98.02	75.40	28.0	43.0	270

CERTIFIED BY:

QUALITY ASSURANCE

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD