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: V03C4973
(FECHA) DATE: 23 MAY 03

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.: (CODIGO) 25786P

DESCRIPTION: (DESCRIPCION) 4" FIG. 5202 F UT WCB, API TRIM No. 8
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	SIDE (LADO) 2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI / CVN@	YIELD KPSI / 1ST	ELG % / 2ND	RED % / 3RD	BHN / AVG
		CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA)												MECHANICAL TESTS (PROP. MECANICAS)				
CUERPO	E2834	A 216 WCB	0.230	0.750	0.019	0.011	0.360	0.005	0.012	0.012	0.016	0.001		77.45	49.02	28.0	58.0	146
BONETE-TAPA	E2801	A 216 WCB	0.200	0.790	0.027	0.029	0.420	0.012	0.025	0.016	0.029	0.002		79.48	50.47	26.0	58.0	147
CUNA-DISCO-TAPON	C2551	A 217 CA15	0.100	0.820	0.020	0.010	0.900	0.350	11.500	0.320				105.29	76.43	20.0	41.8	258

CERTIFIED BY:

QUALITY ASSURANCE
CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD