WALWORTH

Industrial de Válvulas, S.A. de C.V.

Av. Industria 16,
Fraccionamiento Industrial El Trébol
Tepotzotlán, Edo. de México, 54600.

SERIAL NUMBER: V03G175
DATE: 31 JAN 03

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

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:

API 6D	- PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
API 600	- STEEL GATE VALVES - FLANGED AND BUTT-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.: 85045P

DESCRIPTION: 2.5" FIG. 5275 F UT WCB, API TRIM No. 8
VALV. GLOBO DE ACERO FUND.

VALVULA SUNINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX

PRESSURE TESTS	SHELL	BACK SEAT	1ST SIDE	2ND SIDE
HYDROSTATIC (PSI)	450	450	315	N A
PNEUMATIC (PSI)			80	N A

ITEM	HEAT No.	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%) C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	MECHANICAL TESTS TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG
CUERPO	874A040	A 216 WCB	0.210	0.920	0.021	0.010	0.430	0.080	0.200	0.090	0.040	0.003		79.73	47.17	24.0	59.0	163
BONETE-TAPA	02E47B	A 216 WCB	0.200	0.810	0.021	0.016	0.390	0.170	0.330	0.050	0.057	0.003		76.36	43.80	27.0	59.0	156
CUNA-DISCO-TAPON	1207-02	A 276 410	0.120	0.640	0.020	0.011	0.510	0.220	12.250					103.27	72.23	22.0	53.0	200

CERTIFIED BY: _____
QUALITY ASSURANCE