WALWORTH

Industrial de Válvulas, S.A. de C.V.

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

SERIAL NUMBER: V03C4128
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.: 2578AP

DESCRIPTION: 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	SHELL	BACK SEAT	1ST SIDE	2ND SIDE
HYDROSTATIC (PSI)	450	450	N A	N A
PNEUMATIC (PSI)			80	80

ITEM	HEAT No.	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 (%)											MECHANICAL TESTS				
CUERPO	RGL7	A 216 WCB	0.180	0.920	0.021	0.014	0.450	0.020	0.060	0.010	0.040	0.011		77.00	47.95	30.8	50.1	153
BONETE-TAPA	1803A725	A 216 WCB	0.200	0.840	0.019	0.018	0.440	0.120	0.240	0.070	0.072	0.002		79.73	47.17	30.0	56.0	163
CUNA-DISCO-TAPON	B3949	A 217 CA15	0.100	0.890	0.016	0.017	0.950	0.039	12.960	0.018	0.037	0.001		96.89	69.62	27.0	56.0	275

CERTIFIED BY:

QUALITY ASSURANCE