WALWORTH

Industrial de Válvulas, S.A. de C.V.

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

SERIAL NUMBER: V02C8782
DATE: 30 APR 02

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.: 25780P

DESCRIPTION: 2" FIG. 5202 F UT WCB, API TRIM No. 8
CAST STEEL GATE VALVE

SPECIFICATION 83000

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)	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
BODY	RC21	A 216 WCB	0.200	0.890	0.021	0.014	0.420	0.050	0.080	0.010	0.030	0.011		79.30	48.40	33.8	53.7	156
BONNET-COVER	02B75B	A 216 WCB	0.210	0.880	0.017	0.018	0.550	0.060	0.130	0.030	0.052	0.002		79.73	48.29	30.0	51.0	163
WEDGE-DISC-PLUG	0F	A 217 CA15	0.130	0.720	0.025	0.010	1.080	0.520	12.200	0.210				103.10	76.00	18.6	35.5	269

CERTIFIED BY: Jorge Soto
QUALITY ASSURANCE

FAC10-21 REV. "1"