SERIAL NUMBER: DATE: V02C14640 09 JAN 03

Industrial de Válvulas, S.A. de C.V.

ALWORTH

## **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.: 257839

DESCRIPTION: 3º FIG. 5202 F UT WCB, API TRIN No. 8

VALV. COMP. DE ACERO FUND.

VALVULA SUMINISTRADA CON CONTROL DE EMISIONES

FUGITIVAS A 50 PPM'S MAI

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

												MECHANICAL TESTS						
					CHI	EMICA	L COM	POSITI	ON (%)	)				TENS	YIELD	ELG	RED	BHN
ITEM	HEAT	MATERIAL	С	Mn	Р	S	Si	Ni	Cr	Мо	Cu	٧	W	KPSI	KPSI	%	%	
	No.	(ASTM)												CVN@	1ST	2ND	3RD	AVG
CUERPO	RCK4	A 216 WCB	0.200	0.870	0.016	0.011	0.470	0.030	0.040	0.010	0.020	0.010		78.70	48.34	29.8	49.6	163
BONETE-TAPA	RG41	A 216 WCB	0.210	0.880	0.190	0.011	0.520	0.020	0.040	0.010	0.030	0.013		79.09	49.34	28.8	50.0	167
CUMA-DISCO- TAPON	YR	A 217 CA15	0.100	0.780	0.022	0.012	1.010	0.350	12.050	0.190				103.60	76.90	19.4	38.1	217
														<u> </u>				

**CERTIFIED BY:**