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Industrial de Válvulas, S.A. de C.V.
Av. de la Industría Lote 16 Fracc. Industrial el Trébol
Tepotzotlan, Estado de México C.P. 54600

(Numero) Number V07C12577
(Fecha) Date 26/02/2007

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 STANDARDS:

(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 598	- VALVE INSPECTION AND TESTING
API 599	- METAL PLUG VALVES - FLANGED, THREADED AND WELDING
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
API 6D	- PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
API 600	- STEEL GATE VALVES - FLANGED AND WELDING ENDS
ANSI B16.11	- FORGED FITTINGS, SOCKET - WELDING AND THREADED
API 602	- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. (Codigo) **AC011A08MAB**

Description (Descripción) **2" Fig. 5202 F UT WCB, API TRIM No.8 830000**
VALVULA COMPUERTA DE ACERO FUNDIDO
(CAST STEEL GATE VALVE)
VALVE WITH LOW EMISSION CONTROL
(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 (%) / COMPOSICIÓN QUIMICA (%)											MECHANICAL TESTS (PROP. MECANICAS)				
WEDGE DISCO	D2075	ASTM A-217/CA15	0.120	0.850	0.018	0.011	0.910	0.800	12.460	0.011	0.033	0.001		100.48	68.73	26	48	271
	Normalizado a (Normalizated to) 970			Temple a (Temper to) 630				Enfriado en aire. (Cooled in air.)										
BODY CUERPO	WH16415	ASTM A-216/WCB	0.203	0.900	0.036	0.023	0.437	0.051	0.028	0.046	0.020	0.005		82.07	44.95	30	47	153
	Normalizated to (Normalizado a) 920			Temper to (Temple a) 650				Cooled in air. (Enfriado en aire.)										
BONNET BONETE	WH16598	ASTM A-216/WCB	0.207	0.930	0.010	0.025	0.457	0.045	0.049	0.018	0.021	0.005		76.85	45.53	28	47	150
	Normalizated to (Normalizado a) 920			Temper to (Temple a) 650				Cooled in air. (Enfriado en aire.)										

CERTIFICADO POR
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
QUALITY ASSURANCE

FAC10-21 REV "2"