



Industrial de Valvulas, S.A de C.V.
 Av. de La Industria Lote 16 Fracc. Industrial El Trebol
 Tepozotlan, Estado de Mexico C.P. 54600

(Numero) Number V07C25611
 (Fecha) Date 11/12/2007

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.)

- VALVE INSPECTION AND TESTING
- METAL PLUG VALVES - FLANGED, THREADED AND WELDING
- FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- VALVES - FLANGED, THREADED AND WELDING ENDS
- PRESSURE TESTING OF STEEL VALVES
- PIPELINE VALVES - GATE, PLUG, BALL ANF CHECK
- STEEL GATE VALVES, FLANGED AND WELDING ENDS
- FORGED FITTINGS, SOCKET - WELDING AND THREADED
- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. AC041A08MAA

(Codigo) 4" Fig. 5202 F UT WCB, API TRIM No.8 83000000

Description CAST STEEL GATE VALVE
 (VALVULA COMPUERTA DE ACERO FUNDIDO)
 VALVE WITH LOW EMISSION CONTROL
 (VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N/A	N/A
PNEUMATIC (PSI) (NEUMATICA)			80	80

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADN)	MATERIAL (ASTM)	COMPOSICIÓN QUIMICA (%)															
			C	Mn	P	S	SI	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVN@	YIELD KPSI IST	ELG %	RED %	BHN AVG
BONNET	WH17628	ASTM A-216/WCB	0.201	0.960	0.024	0.016	0.436	0.042	0.049	0.020	0.015	0.003		85.84	41.18	33	42	151
BONNET	WH20712	ASTM A-216/WCB	0.210	0.985	0.023	0.016	0.514	0.052	0.052	0.022	0.031	0.001		80.04	53.51	34	53	160
WEDGE DISCO	WH81189	ASTM A-217/CA15	0.134	0.617	0.033	0.019	0.523	0.089	13.123	0.042	0.018	0.001	0.000	100.48	70.61	26	44	257

MECHANICAL TESTS (PROP. MECANICAS)

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE