



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

(Numero) Number V08C11391
 (Fecha) Date 06/02/2008

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
API 599
ANSI B16-10
ANSI B16-34
MSS-SP61 | - 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 |
| API 6D
API 600
ANSI B16-11
API 602 | - PIPELINE VALVES - GATE, PLUG, BALL AND 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. AC041A08MAB
 (Codigo)
4" Fig. 5202 F UT WCB, API TRIM No.8 830000K
 (Descripcion)
CAST STEEL GATE VALVE
(VALVULA COMPUERTA DE ACERO FUNDIDO)
 VALVE WITH LOW EMISSION CONTROL
 (VALVULA SUBMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

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

CHEMICAL COMPOSITION (%)

ITEM (PART) (COLADA)	HEAT No. (ASTM)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS KPSI CVN/6	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET BONETE	WH25792	ASTM A-216/WCB	0.219	0.970	0.031	0.018	0.464	0.050	0.013	0.025	0.020	0.005	0.005	74.53	43.79	28	60	154
BODY CUERPO	WH20054	ASTM A-216/WCB	0.191	0.869	0.030	0.016	0.422	0.019	0.043	0.036	0.009	0.002	0.002	71.92	48.72	30	57	154
WEDGE DISCO	D5427	ASTM A-217/CA15	0.110	0.770	0.019	0.020	0.770	0.440	12.160	0.025	0.040	0.001	0.001	100.63	68.15	27	44	272

MECHANICAL TESTS (PROF. MECANICAS)

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD
 CERTIFIED BY: QUALITY ASSURANCE
 Sandra Ruiz