



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 V08C18059
 (Fecha) Date 05/06/2008

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)
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 LAST EDITION:
 (CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PRABADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES ULTIMA EDICIÓN.)

- | | | | |
|--|--|---|--|
| 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 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. AC032A08MAB

3" Fig. 5206 F UT WCB, API TRIM No.8 830000K

Description
 CAST STEEL GATE VALVE
 (VALVULA COMPUERTA DE ACERO FUNDIDO)

VALVE WITH LOW EMISSION CONTROL. (VALVULA SEMINISTRADA 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)	1125	1125	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%) **COMPOSICIÓN QUÍMICA (%)**

ITEM (PARTE) (COLADA)	HEAT No. (ASTM)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS KPSI CVN ₅₀	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET BONETE	WH22451	ASTM A-216/WCB	0.189	0.882	0.019	0.012	0.470	0.040	0.023	0.040	0.037	0.001		74.97	44.37	27	47	152
BODY CUERPO	WH26289	ASTM A-216/WCB	0.196	0.904	0.027	0.013	0.473	0.016	0.028	0.005	0.005	0.001		74.97	42.34	24	48	157
WEDGE DISCO	D9639	ASTM A-217/CA15	0.100	0.950	0.021	0.017	0.950	0.140	12.420	0.015	0.037	0.003		96.28	74.24	28	45	272

Normalizado a (Normalizado a) 930 °C Temper to (Temper to) 650 °C
 Normalizado a (Normalizado a) 930 °C Temper to (Temper to) 650 °C
 Normalizado a (Normalizado to) 970 °C Temple a (Temper to) 630 °C
 Enfriado en aire. (Enfriado en aire. (C))

FACI0-21 REV "3"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

Sandra Ruiz