



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

(Numero) Number V08R1375
 (Fecha) Date 27/01/2009

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

ASEGURAMIENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO
 (ACCORDING TO EN10204 TYPE 3.1)

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:
 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 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. AR101A08MAB830000M

(Código) 10" Fig. 5341 F UT WCB, API TRIM No.8 830000M

Description CAST STEEL SWING CHECK VALVE 150 PSI
 (VALVULA RETENCION TIPO COLUMPIO DE ACERO FUNDIDO 150 PSI)

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)
HYDROSTATIC (PSD) (HIDROSTATICA)	450	N A	315
PNEUMATIC (PSD) (NEUMATICA)			N A

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%) COMPOSICIÓN QUIMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS (KSI CVM@)	YIELD (KSI 1ST)	ELG (% 2ND)	RED (% 3RD)	BHN (AVG)
BODY	WH65029	ASTM A-216/WCB	0.208	0.919	0.039	0.017	0.557	0.033	0.120	0.008	0.028	0.006		75.69	44.81	28	47	168
CUERPO	WH15691	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C	0.199	0.925	0.032	0.012	0.510	0.042	0.019	0.011	0.003		79.60	48.57	29	48	162
WEDGE DISCO	WH25009	ASTM A-216/WCB	Normalized to (Normalizado a) 920 °C	0.187	0.896	0.014	0.004	0.531	0.035	0.047	0.035	0.005		86.42	50.46	32	49	155
COVER TAPA			Normalized to (Normalizado a) 920 °C															

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD
 CERTIFIED BY: QUALITY ASSURANCE
 JESSICA GARCIA