



Industrial de Valvulas, S.A de C.V.

Av. de La Industria Lote 16 Fracc. Industrial El Trebol
Tepetzotlan, Estado de México C.P. 54600

(Numero) Number
(Fecha) Date
V08C18679
25/11/2008

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 PROBADO 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 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. **AC041A08MAB830000K**

(Código) **4" Fig. 5202 F UT WCB, API TRIM No.8 830000K**

Description **CAST STEEL GATE VALVE 150 PSI
(VALVULA COMPUERTA 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 (PSI) (HIDROSTATICA)	450	450	N A
PNEUMATIC (PSI) (NEUMATICA)			80

MECHANICAL TESTS (PROP. MECANICAS)

TENS	YIELD	ELG	RED	BHN
KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG
79.61	52.64	34	55	156
72.93	49.88	29	53	157
100.05	69.45	26	47	273

CHEMICAL COMPOSITION (%)

C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Ce
0.195	0.878	0.025	0.010	0.506	0.050	0.044	0.022	0.057	0.002	
Normalizado to (Normalizado a) 930 °C Temper to (Temple a) 650 °C										
0.197	0.984	0.028	0.014	0.458	0.046	0.044	0.020	0.021	0.002	
Normalizado to (Normalizado a) 920 °C Temper to (Temple a) 650 °C										
0.130	0.890	0.031	0.027	0.900	0.530	12.270	0.019	0.430	0.002	
Normalizado a (Normalizado to) 970 °C Temple a (Temper to) 630 °C										

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)
BONNET BONETE	WH28567	ASTM A-216/WCB
BODY CUERPO	WH26331	ASTM A-216/WCB
WEDGE DISCO	D8533	ASTM A-217/CA15

COMPOSICIÓN QUIMICA (%)

JESSICA GARCIA

CERTIFICADO POR:
ASEGURAMIENTO DE CALIDAD
QUALITY ASSURANCE

CERTIFIED BY:
QUALITY ASSURANCE