



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

(Numero) Number V06G651
 (Fecha) Date 28/10/2008

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO ENIG204 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 EDICION)

- 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 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. **AC102A08MAB830000K**
 (Codigo)
10" Fig. 5281 F UT WCB, API TRIM No.8 830000K
 Description **CAST STEEL GLOBE VALVE**
(VALVULA GLOBO DE ACERO FUNDIDO)
 VALVE WITH LOW EMISSION CONTROL. (VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX)

TEST	RESULTS	REQUIREMENTS
PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO) 1125	BACK (SEAL) 1125
HYDROSTATIC (PSD) (HIDROSTATICA)		815
PNEUMATIC (PSD) (NEUMATICA)		80
		N A

CHEMICAL COMPOSITION (%)

ITEM (PARTS)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	SI	NI	Cr	Mo	Cu	V	Ce	TENS (KPSI CNS/6)	YIELD (KPSI 1ST)	ELG (%) 2ND	RED (%) 3RD	BHN AVG
BONNET	WH61044	ASTM A-216/WCB	0.203	0.844	0.027	0.016	0.514	0.030	0.030	0.010	0.021	0.005		74.96	47.41	25	49	169
BONNET	WH61158	ASTM A-216/WCB	0.215	0.940	0.023	0.015	0.443	0.049	0.040	0.022	0.032	0.004		74.82	44.95	29	49	163
WEDGE DISCO	U9109	ASTM A-216/WCB	0.190	0.780	0.026	0.027	0.400	0.026	0.025	0.007	0.028	0.002		72.64	40.74	23	45	151

MECHANICAL TESTS (PROP. MECANICAS)

FACIO-21 REV -3*

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

SANDRA RUIZ