



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

(Numero) Number
 (Fecha) Date

V08C21658
 05/11/2008

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 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. AC031A08MAA8300000

(Codigo) 3^o Fig. 5202 F UT WCB, API TRIM No.8 8300000

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 (SENA)	SIDE (LADO)
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N/A N/A
PNEUMATIC (PSI) (PNEUMATICA)			80 80

CHEMICAL COMPOSITION (%)

COMPOSICION QUIMICA (%)

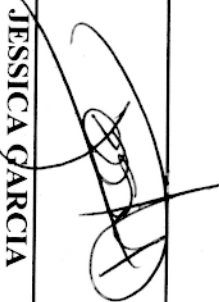
MECHANICAL TESTS (PROP. MECANICAS)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Ce	TENS KPSI CVN@	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET BONETE	WH121089	ASTM A-216/WCB	0.193	0.908	0.023	0.013	0.425	0.046	0.059	0.023	0.024	0.005		79.61	49.01	29	47	159
BODY CUERPO	WH28327	ASTM A-216/WCB	0.216	0.907	0.020	0.017	0.495	0.049	0.031	0.020	0.021	0.007		75.84	44.37	27	48	152
WEDGE DISCO	WH81244	ASTM A-217/CA15	0.121	0.747	0.023	0.002	0.400	0.069	12.540	0.010	0.016	0.001		97.44	73.37	30	49	296

FAC10-21 REV "3"

CERTIFICADO POR
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY :
 QUALITY ASSURANCE


 JESSICA GARCIA