



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

Numero Number V06G5194  
 Fecha Date 21/11/2008

## QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

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 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.)

(ACCORDING TO EN10204 TYPE 3.1)

SECURAMENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO

FOLLOWING STANDARDS LAST EDITION:

- 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. **AG042A08MAB**  
 (Codigo)  
**4" 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 SEMINSTRADA 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	815	N A
PNEUMATIC (PSI) (NEUMATICA)			80	N A

### MECHANICAL TESTS (PROP. MECANICAS)

ITEM (PARTES)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)											MECHANICAL TESTS				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS KPSI C/N/G	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BONNET BONNETE	WH16424	ASTM A-216/WCB	0.203	0.910	0.029	0.014	0.509	0.061	0.026	0.046	0.018	0.006	78.45	46.11	28	48	153	
BODY CUERPO	WH15420	ASTM A-216/WCB	0.206	0.913	0.024	0.025	0.431	0.045	0.047	0.023	0.035	0.002	78.59	43.79	34	46	153	
WEDGE DISCO	4207861	ASTM A-108N	0.200	0.620	0.012	0.006	0.290	0.010	0.040	0.020	0.010	0.010	76.50	44.95	30	45	187	

FACT010.21 REV "3"

CERTIFICADO POR:  
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:  
 QUALITY ASSURANCE  
  
 SANDRA RUIZ