



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 V08G626
 (Fecha) Date 24/11/2008

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:
 ESTANDARES ULTIMA EDICION.)

- API 598 - VALVE INSPECTION AND TESTING
- API 599 - METAL PLUG VALVES - FLANGED, THREADED AND WELDING
- ANSI B16-10 - FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- ANSI B16-34 - VALVES - FLANGED, THREADED AND WELDING ENDS
- MSS-SP61 - PRESSURE TESTING OF STEEL VALVES
- API 6D - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
- API 600 - STEEL GATE VALVES, FLANGED AND WELDING ENDS
- ANSI B16-11 - FORGED FITTINGS, SOCKET - WELDING AND THREADED
- API 602 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. **AG082A08MAA8300000**

(Codigo) **8" Fig. 5281 F UT WCB, API TRIM No.8 8300000**

Description **CAST STEEL GLOBE VALVE 300 PSI (VALVULA GLOBO DE ACERO FUNDIDO 300 PSI)**

VALVE WITH LOW EMISSION CONTROL (VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPV'S MAX)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
	1	2	
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	1125	815
PNEUMATIC (PSI) (NEUMATICA)			80
			N A

MECHANICAL TESTS (PROP. MECANICAS)

ITEM (PART)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)											COMPOSICIÓN QUIMICA (%)				MECHANICAL TESTS (PROP. MECANICAS)				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Ce	TENS (KPSI CVM@)	YIELD (KPSI 1ST)	ELG (% 2ND)	RED (% 3RD)	BHN (AVG)				
BONNET	WH61773	ASTM A-216/WCB	0.208	0.893	0.023	0.021	0.407	0.022	0.029	0.024	0.069	0.003	75.84	42.49	26	48	153					
BONNET	WH61773	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C				Temper to (Temple a) 650 °C															
BODY	WH61720	ASTM A-216/WCB	0.218	0.976	0.028	0.017	0.437	0.027	0.052	0.010	0.029	0.006	73.95	43.64	28	46	158					
BODY	WH61720	ASTM A-216/WCB	Normalized to (Normalizado a) 920 °C																			
WEDGE	1B1668	ASTM A-216/WCB	0.220	0.810	0.020	0.010	0.430	0.060	0.140	0.010	0.060	0.010	77.51	42.90	31	40	165					
WEDGE	1B1668	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C				Temper to (Temple a) 650 °C															

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: **SANBRA RUIZ**