



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

(Numero) Number V07R6948
 (Fecha) Date 26/11/2007

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

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:
 (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.)

- 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 ANF 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. **AR011A08MAA**

Description **2" Fig. 5341 F UT WCB, API TRIM No.8 8300000**

CAST STEEL SWING CHECK VALVE
 (VALVULA RETENCION TIPO COLUMPIO DE ACERO FUNDIDO)
 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)
	450	N A	315
			1
HYDROSTATIC (PSI) (HIDROSTATICA)			2
PNEUMATIC (PSI) (NEUMATICA)			N A

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	COMPOSICION QUIMICA (%)											TENS				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG
BODY CUERPO	WH6422	ASTM A-216/WCB	0.200	0.950	0.020	0.020	0.473	0.020	0.030	0.010	0.040	0.001	0.000	74.96	45.82	25	48	168
WEDGE DISCO	HD3295	ASTM A-216/WCB	0.190	0.830	0.013	0.018	0.450	0.025	0.079	0.020	0.050	0.002		75.69	47.56	26	48	173
COVER TAPA	WH19153	ASTM A-216/WCB	0.189	0.986	0.019	0.010	0.402	0.044	0.084	0.014	0.026	0.001		73.23	44.23	30	47	158
			Normalized to (Normalizado a) 920 °C											Normalized to (Normalizado a) 930 °C				
			Temper to (Temple a) 650 °C											Cooled in air:(Cooled in air: (Enfri)				
			Cooled in air:(Cooled in air: (Enfri)											Cooled in air:(Cooled in air: (Enfri)				

FACI0-21 REV "2"

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

 Sandra Ruiz