



Industrial de Válvulas, S.A. de C.V.
 Av. de la Industria Lote 16 Fracc. Industrial el Trébol
 Tepozotlan, Estado de México C.P. 54600

(Numero) Number 1764/2007
 (Fecha) Date 03/08/2007

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 PRABADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES.)

- | | |
|--|---|
| API 598
API 599
ANSI B16-10
ANSI B16-34
MSS-SP61 | - 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 |
| API 6D
API 600
ANSI B16.11
API 602 | - 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. BCSB206F12AAB
 (Codigo)
Description 2" Fig. 950 SW 3HF A105, API TRIM No.12 790000C
 (Descripción)
FORGED STEEL GATE VALVE
(VALVULA COMPUERTA DE ACERO FORJADO)
 MANUFACTURED TO MEET NACE MR-01-75-2003 REQUIREMENTS AND LOW FUGITIVE EMISSIONS CONTROL.
 (VALVULA SERVICIO NACE MR-01-75-2003 CONTROL DE EMISIONES FUGITIVAS 50 PPM'S)

PRESSURE TESTS (PRUEBAS DE PRESSION)	SHELL (CASCO)	BACK SEAT	SIDE 1	(LADO) 2
HYDROSTATIC (PSI) (HIDROSTATICA)	2970	2970	N/A	N/A
PNEUMATIC (PSI) (NEUMATICA)			80	80

Invoice(Factura) 84263 Item(Partida) 12 Qty(Cantidad) 27
 COMPOSICIÓN QUÍMICA (%) MECHANICAL TESTS (PROP. MECANICAS)

ITEM (PARTE)	HEAT No. (COLOADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)											MECHANICAL TESTS (PROP. MECANICAS)				
			C	Mn	P	S	SI	NI	Cr	Mo	Cu	V	W	TENS KPSI CVN@	YIELD KPSI 1ST	ELG 2ND	RED 3RD	BHN AVG
YOKE YUGO	CAV	ASTM A-105N	0.260	0.810	0.018	0.007	0.240	0.050	0.050	0.100	0.220	0.010	76.12	50.75	32	54	170	
BODY CUERPO	CAW	ASTM A-105N	0.290	0.770	0.020	0.007	0.240	0.050	0.050	0.120	0.080	0.010	76.85	48.57	27	43	170	

CERTIFICADO POR
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

Sandra Ruiz