



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 2986/2007
 (Fecha) Date 05/12/2007

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

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

Part No. BCSB076E12AAB
 (Codigo)
3/4" Fig. 950 S 3HF A105, API TRIM No.12 790000C
 Description
FORGED STEEL GATE VALVE
 (VALVULA COMPUERTA DE ACERO FORJADO)
 MANUFACTURED TO MEET NACE MR-01-75-2003 REQUIREMENTS *TS AND LOW FUGITIVE EMISSIONS CONTROL
 (VALVULA SERVICIO NACE MR-01-75 *V CONTROL DE EMISIONES FUGITIVAS 50 PPM'S)

Invoice(Factura) 89261 Item(Partida) 2
 Qty(Cantidad) 100

TEST	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
PRESSURE TEST (PRUEBAS DE PRESION)	2970	2970	N/A
HYDROSTATIC (PSI) (HIDROSTATICA)			N/A
PNEUMATIC (PSI) (NEUMATICA)			80

CHEMICAL COMPOSITION (%)

COMPOSICION QUIMICA (%)

TENS YIELD ELG RED BHN

ITEM (PARTE)	HEAT No. (CODADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	KPSI C/INCH	KPSI 1ST	% 2ND	% 3RD	AVG	
BODY CUERPO	CAV	ASTM A-105N	0.230	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	CCI	ASTM A-105N	0.220	0.890	0.020	0.007	0.210	0.100	0.100	0.100				79.02	55.10	32		60	170
BODY CUERPO	CCL	ASTM A-105N	0.210	0.780	0.019	0.008	0.270	0.040	0.020	0.030	0.070			79.02	55.10	37		54	170
YOKE YUCO	CAX	ASTM A-105N	0.220	0.720	0.022	0.008	0.270	0.050	0.030	0.020	0.050			79.31	52.92	35		54	170
YOKE YUCO	CCH	ASTM A-105N	0.230	0.680	0.019	0.007	0.250	0.100	0.100		0.220			78.30	52.20	27		58	170
YOKE YUCO	CCI	ASTM A-105N	0.220	0.890	0.020	0.007	0.210	0.100	0.100	0.100				79.02	55.10	32		60	170
YOKE YUCO	CCL	ASTM A-105N	0.210	0.780	0.019	0.008	0.270	0.040	0.020	0.030	0.070			79.02	55.10	37		54	170

FAC10-21 REV "2"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: QUALITY ASSURANCE


 Sander Ruiz