



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
 (Fecha) Date

1638/2008
 08/09/2008

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:
 (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)

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 ANF 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. BCSB206F08AAB830000C

(Codigo) 2" Fig. 950 SW UT A105, API TRIM No.8 830000C

Description FORGED STEEL GATE VALVE
 (VALVULA COMPUERTA DE ACERO FORJADO)

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

Invoice(Factura) 02653P Item(Partida) 7
 Qty(Cantidad) 150

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAL)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSD) (HIDROSTATICA)	2970	2970	N A	N A
PNEUMATIC (PSD) (PNEUMATICA)			80	80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

COMPOSICION QUIMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	SI	NI	Cr	Mo	Cu	V	Cb	TENS KPSI CVN@	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BODY CUERPO	CAZ	ASTM A-105N	0.230	0.800	0.020	0.007	0.350	0.050	0.030	0.020	0.050			78.30	52.20	36	55	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	0.000	0.000	79.02	55.10	37	54	170
YOKE YUGO	CAV	ASTM A-105N	0.230	0.810	0.018	0.007	0.240	0.050	0.050	0.100	0.220	0.010	0.000	76.12	50.75	32	54	170
YOKE YUGO	CAX	ASTM A-105N	0.220	0.720	0.022	0.008	0.270	0.050	0.030	0.020	0.050	0.000	0.000	79.31	52.92	35	54	170
YOKE YUGO	CCL	ASTM A-105N	0.210	0.780	0.019	0.008	0.270	0.040	0.020	0.030	0.070	0.000	0.000	79.02	55.10	37	54	170

FACI0-21 REV -3*

CERTIFICADO POR:
 ASEGURAMIENTO DE CALIDAD

CERTIFIED BY:
 QUALITY ASSURANCE

JESSICA GARCIA