



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 0481/2008  
 (Fecha) Date 07/03/2008

## 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.)

- 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. **BCSB056E08AAB**

(Codigo) **1/2" Fig. 950 S UT A105, API TRIM No.8 830000C**

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

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

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

Invoice(Factura) 92243 Qty(Cantidad) 62

Item(Partida) 1 MECHANICAL TESTS (PROP MECANICAS)

ITEM (PARTES)	HEAT No. (COLOADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)											MECHANICAL TESTS (PROP MECANICAS)							
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS (KPSI CVM/6)	YIELD (KPSI 1ST)	ELG (% 2ND)	RED (% 3RD)	BHN (AVG)			
BODY CUERPO	CAX	ASTM A-105N	0.220	0.720	0.022	0.008	0.270	0.050	0.030	0.020	0.050	0.050	0.050	0.050	0.050	0.050	79.31	52.92	35	54	170
BODY CUERPO	CCK	ASTM A-105N	0.230	0.750	0.018	0.009	0.220	0.050	0.080	0.200	0.080	0.080	0.080	0.080	0.080	0.080	78.30	55.82	35	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	0.070	0.070	0.070	0.070	0.070	79.02	55.10	37	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	0.050	0.050	0.050	0.050	0.050	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	0.030	0.030	0.030	0.030	0.030	0.030	79.02	55.10	37	54	170

FACIO-21 REV "3"

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: Sandra Ruiz

QUALITY ASSURANCE