WALWORTH®

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

(NUMERO) NUMBER: 2654/2003
(FECHA) DATE: 14/11/2003

QUALITY ASSURANCE (ASEGURAMIENTO DE CALIDAD)
CERTIFICATE OF COMPLIANCE (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 STANDARS:

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

- **ANSI B16.11** - FORGED FITTINGS, SOCKET - WELDING AND THREADED
- **API 602** - COMPACT STEEL GATE VALES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
- **API 598** - VALVE INSPECTION AND TESTING
- **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

PART. No.: (CODIGO) 68022

DESCRIPTION: (DESCRIPCION) 3/4" FIG. 950 S UT A105, API TRIM No.8
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)

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

INVOICE (FACTURA) 45200 ITEM (PARTIDA) 04 QTY (CANTIDAD) 170

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA) C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	N	MECHANICAL TESTS (PROP. MECANICAS) TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG
BODY (CUERPO)	H47	A 105N	0.200	0.750	0.029	0.030	0.280	0.200	0.210	0.050	0.200	0.030			99.32	78.44	41.0	40.0	165
BODY (CUERPO)	57598	A 105N	0.190	1.020	0.003	0.030	0.240	0.130	0.080	0.035	0.360	0.002			77.50	58.00	29.0	63.4	146
BODY (CUERPO)	57563	A105N	0.180	1.130	0.008	0.009	0.240	0.030	0.040	0.008	0.090	0.025			77.20	56.30	31.0	66.0	146
BODY (CUERPO)	57025	A105	0.190	1.020	0.003	0.030	0.240	0.130	0.080	0.035	0.360	0.002			73.80	48.60	33.5	66.1	174
BODY (CUERPO)	CB	A105	0.180	0.880	0.010	0.010	0.200	0.000	0.000	0.000	0.000	0.000			82.65	53.37	32.8	59.1	163
BODY (CUERPO)	57218	A105N	0.190	0.810	0.004	0.028	0.210	0.120	0.100	0.031	0.320	0.021			70.80	42.50	32.7	62.9	146
BODY (CUERPO)	57608	A105N	0.200	0.930	0.004	0.009	0.330	0.080	0.070	0.017	0.230	0.002			78.90	52.20	31.3	69.5	145
YOKE (YUGO)	H47	A 105N	0.200	0.750	0.029	0.030	0.280	0.200	0.210	0.050	0.200	0.030			99.32	78.44	41.0	40.0	165
YOKE (YUGO)	57240	A 105	0.160	1.140	0.013	0.012	0.220	0.030	0.030	0.012	0.130	0.030			91.70	55.10	25.3	51.5	146
YOKE (YUGO)	57206	A 105N	0.190	0.810	0.004	0.028	0.210	0.120	0.100	0.031	0.320	0.021			71.90	50.60	30.8	64.3	146
YOKE (YUGO)	57260	A105	0.190	0.810	0.004	0.028	0.210	0.120	0.100	0.031	0.320	0.021			71.90	50.60	30.8	64.3	146
YOKE (YUGO)	EE.	A 105N	0.190	0.890	0.013	0.014	0.228	0.115	0.061	0.028	0.242	0.005			72.36	47.71	31.4	57.1	150

CERTIFIED BY: CERTIFICADO POR:

QUALITY ASSURANCE
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