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

(NUMERO) NUMBER: V04R1500
(FECHA) DATE: 24/06/2004

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 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

- API 6D - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
- API 600 - STEEL GATE VALVES - FLANGED AND BUT-WELDING ENDS
- API 598 - VALVE INSPECTION AND TESTING
- API 599 - METAL-PLUG VALVES - FLANGED AND WELDING-ENDS
- 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.: 000120
(CODIGO)

DESCRIPTION: 6" FIG. 5341 F UT WCB, API TRIM No.8
(DESCRIPCION) CAST STEEL SWING CHECK VALVE (VALVULA RETENCION TIPO COLUMPIO DE ACERO FUNDIDO)
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)	450	N A	N A	315
PNEUMATIC (PSI) (NEUMATICA)			N A	N A

ITEM (PARTE)	HEAT No. (COLADA)	CHEMICAL COMPOSITION (%) MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	MECHANICAL TESTS (PROP MECANICAS) TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG
BODY (CUERPO)	V3434	A 216 WCB	0.220	0.900	0.022	0.032	0.470	0.080	0.060	0.020	0.060	—		76.56	48.43	26.0	45.0	153
BONNET COVER (BONETE TAPA)	V3435	A 216 WCB	0.210	0.810	0.026	0.027	0.420	0.090	0.060	0.020	0.070	0.001		72.64	44.66	32.0	52.0	146
WEDGE DISK PLUG (DISCO)	C3597	217 CA15	0.110	0.850	0.021	0.018	0.950	0.470	13.650	0.260	0.000	0.000		105.13	75.98	25.0	36.0	269

CERTIFIED BY: QUALITY ASSURANCE
CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD