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: V04R2205
(FECHA) DATE: 20/08/2004

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.: 757190
(CODIGO)

DESCRIPTION: 4" 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)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG
BODY (CUERPO)	WH4871	A 216 WCB	0.220	0.992	0.024	0.019	0.534	0.080	0.080	0.010	0.050	0.001		75.11	46.54	26.0	48.0	170
BONNET COVER (BONETE TAPA)	3065A202	216 WCB	0.220	0.790	0.014	0.013	0.430	0.170	0.140	0.060	0.069	0.003		78.61	48.29	28.0	54.0	156
WEDGE DISK PLUG (DISCO)	414-04	A 276 410	0.150	0.510	0.021	0.018	0.370	0.240	11.540	0.000	0.000	0.000		85.00	75.00	35.0	50.0	179

CERTIFIED BY: QUALITY ASSURANCE
CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

FAC10-21 REV "1"