



WALWORTH®

Industria de Válvulas, S.A. de C.V.
 Av. de la Industria Lote 11 Fracc. Industrial el Trébol
 Tepic, Jalisco, Estado de México C.P. 54600

(NUMERO) NUMBER:

V04R(450)
31/05/2004

(FECHA) DATE:

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 STANDARDS:

CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PRUBADO
 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: 1" FN, 5341 F. UT WCB, API TRIM 30.3
 (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	2	1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	N.A.	N.A.	N.A.	315
PNEUMATIC (PSI) (PNEUMATICA)		N.A.	N.A.	N.A.	N.A.

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)							(COMPOSICION QUIMICA)				MECHANICAL TESTS (PROB MECANICAS)				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	N	TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG
BODY (CUERPO)	V0532	A 216 WCB	0.230	0.980	0.020	0.035	0.500	0.120	0.030	0.010	0.020	0.001	78.18	46.44	24.0	44.0	157	
BURNET COVER (BORNETE TAPA)	V0870	A 216 WCB	0.190	0.950	0.026	0.035	0.470	0.060	0.050	0.010	0.050	0.001	77.45	46.70	24.5	45.0	154	
WEDGE DISK PLUG (DISCO)	C2676	A 216 WCB	0.220	0.830	0.018	0.020	0.450	0.020	0.130	0.002	0.030	0.002	76.58	47.14	27.0	43.0	143	

CERTIFIED BY:

QUALITY ASSURANCE

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD