



# 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:

(FECHA) DATE:

V05R334  
25/02/2005

## 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 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.: **016155**  
(CODIGO)

DESCRIPTION: **2" FIG. 5341 F BT WCB, API TRON No.8**  
(DESCRIPCION) **CAST STEEL SWING CHECK VALVE (VALVULA RETENCION TIPO COLUPIO DE ACERO FUNDIDO)**  
**VALVE WITH LOW EMISSION CONTROL**

(VALVULA SIMETRIZADA CON CONTROL DE EMISIONES)  
(FUGITIVAS A 50 PPM'S MAX)

PRESSURE TESTS (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK SEAT	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	N/A	N/A	315
PNEUMATIC (PSI) (NEUMATICA)			N/A	N/A

### MECHANICAL TESTS (PROP. MECANICAS)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA)											MECHANICAL TESTS (PROP. MECANICAS)									
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS	YIELD	ELG	RED	BHN					
																	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG		
BODY (CUERPO)	J0290	A 216 WCB	0.190	0.000	0.014	0.027	0.410	0.120	0.130	0.040	0.040	0.001							72.96	44.37	33.0	54.0	145
BONNET COVER (BONETE TAPA)	J0255	A 216 WCB	0.220	0.930	0.016	0.014	0.300	0.070	0.070	0.010	0.030	0.001							77.43	47.85	26.0	46.0	154
WEDGE DISK PLUG (DISCO)	E0159	A 216 WCB	0.230	0.030	0.020	0.031	0.430	0.027	0.034	0.000	0.039	0.004							76.85	51.18	27.0	56.0	164

CERTIFIED BY:

QUALITY ASSURANCE  
ASEGURAMIENTO DE CALIDAD

CERTIFICADO POR: