WALWORTH® Since 1842
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(Numero) Number V13LR1004
(Fecha) Date 04/11/2014

# QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)

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 LAST EDITION:

(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 ULTIMA EDICIÓN.)

API 598 - VALVE INSPECTION AND TESTING
API 599 - METAL PLUG VALVES - FLANGED, THREADED AND WELDING
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
API 594 - CHECK VALVES FLANGED, LUG, WAFER AND BUTT WELDING
API 6D - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
API 600 - STEEL GATE VALVES, FLANGED AND WELDING ENDS
ANSI B16-11 - FORGED FITTINGS, SOCKET - WELDING AND THREADED
API 602 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. (Código) AR011A08MAB830000H

Description 2" Fig. 5341 F UT WCB, API TRIM No.8 830000

Descripción CAST STEEL SWING CHECK VALVE 150 CLASS
(VALVULA RETENCIÓN TIPO COLUMPIO DE ACERO FUNDIDO CLASE 150)

VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (50 PPM'S MAX.) )

| PRESSURE TEST (PRUEBAS DE PRESION) | SHELL (CASCO) | BACK (SEAT) | SIDE (LADO) 1 | SIDE (LADO) 2 |
|---|---|---|---|---|
| HYDROSTATIC (PSI) (HIDROSTATICA) | 450 | NA | 315 | NA |
| PNEUMATIC (PSI) (NEUMATICA) | | | NA | NA |

MECHANICAL TEST (PROP. MECANICAS)

| ITEM (PARTE) | HEAT No. (COLADA) | MATERIAL (ASTM) | C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | Cb | TENS KPSI CVN@ | YIELD KPSI 1ST | ELG % 2ND | RED % 3RD | BHN AVG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | CHEMICAL COMPOSITION (%) / COMPOSICIÓN QUIMICA (%) | | | | | | | | | | | | | | | |
| BODY CUERPO | 6536 | ASTM A-216 GR WCB | 0.200 | 0.610 | 0.026 | 0.025 | 0.500 | 0.064 | 0.089 | 0.006 | 0.037 | 0.003 | | 76.71 | 44.52 | 31 | 46 | 152 |
| | | Normalized (Normalizado a) 930 °C | | | | Temper to (Temple a) 650 °C | | | | Air Cooled. (Enfriado en aire.) | | | | | | | | |
| COVER TAPA | 6539 | ASTM A-216 GR WCB | 0.240 | 0.750 | 0.026 | 0.025 | 0.500 | 0.064 | 0.091 | 0.006 | 0.037 | 0.003 | | 77.14 | 43.79 | 32 | 39 | 157 |
| | | Normalized (Normalizado a) 930 °C | | | | Temper to (Temple a) 650 °C | | | | Air Cooled. (Enfriado en aire.) | | | | | | | | |
| WEDGE DISCO | 1632 | ASTM A-105N | 0.220 | 0.870 | 0.019 | 0.017 | 0.230 | 0.044 | 0.047 | 0.003 | 0.024 | 0.002 | | 77.87 | 49.01 | 32 | 42 | 165 |
| | | Normalized (Normalizado a) 920 °C | | | | 650 °C | | | | Air Cooled (Enfriado en aire) | | | | | | | | |

FAC10-21 REV "3"

CERTIFICADO POR: ASEGURAMIENTO DE

CERTIFIED BY : QUALITY ASSURANCE

Yolanda Ponciano