



Industrial de Válvulas, S.A. de C.V.

Industria Ite 16 S/N Fracc. Industrial el Trébol de
Tepoztlán, Estado de México, México C.P. 54610

CERTIFICATE OF MATERIALS & TEST REPORT (CMTR)
(CERTIFICADO DE CALIDAD DE MATERIALES Y REPORTE DE PRUEBAS CMTR)
ACCORDING TO EN 10204 TYPE 3.1

No. código interno (Product Code Nr.): **ER080ADE1MRN1B1Y**
 Fecha (Date): October 6, 2016
 Clientes (Customer): PLESA ANAHUAC Y CIAS, S.A DE C.V.
 Partida (Customer Item): 9 Pedido Interno No (Walworth Sales Nr.): D000060612

No. Serie (Serial Number): **16R2713**
 No. De Tag (Tag Number): _____
 No Pedido del Cliente (Customer PO Nr.): 24310
 Partida (Item): 19

Linea de producto (Product line):	Cast Iron	Extremos (Ends):	FF
Tipo de válvula (Type of valve):	Check Type Swing	Cuerpo (Shell):	GRAY IRON
Diámetro (Nominal diameter):	8	Interiores (Trim):	#E1 (BCE)
Presión clase (Pressure class):	125	Figura No (Figure Nr.):	FIG W928

COMPOSICION QUIMICA EN % (CHEMICAL COMPOSITION %)

Parte (Component)	Material (Material)	Colada (Heat)	% P	% S	%	%	%	%	%	%	%	%	%	%	%
CUERPO (BODY)	ASTM_A_125_GR_B	C66Y	0.088	0.052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
DISCO 1 (DISC 1)	ASTM_A_125_GR_B	C51P	0.027	0.074	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TAPA 1 (COVER 1)	ASTM_A_125_GR_B	C66Y	0.088	0.052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

PROPIEDADES MECANICAS (MECHANICAL TESTING)

Parte (Component)	Colada (Heat)	Condición de TT Normalizado & revenido Heat Treatment condition (Normalized & tempered)	Cedencia (Yield strength) (kpsi)	Tensión (Tensile strength) (kpsi)	Alar. En 2" (Elong. In 2") (% in. in. 2")	Reduccion de area (Reduction of area) (% min)	Dureza (Hardness) (Bhn)	Prueba Impacto (Impact Test) (Joules)		
					1st	2nd	1st	2nd	3rd	AVG
CUERPO (BODY)	C66Y	NO APLICA	0.0000	38.4100	0	0	0	0	0	0
DISCO 1 (DISC 1)	C51P	NO APLICA	0.0000	37.9900	0	0	0	0	0	0
TAPA 1 (COVER 1)	C66Y	NO APLICA	0.0000	38.4100	0	0	0	0	0	0

PRUEBAS DE PRESIÓN DE ACUERDO CON MSS SP 71 (PRESSURE TEST IN ACCORDANCE WITH MSS SP 71)

TIPO DE PRUEBA (Type of test)	PRESION (Pressure) (Psi)	TIEMPO (Duration) (min)	RESULTADO (Result)	TIPO DE PRUEBA (Type of test)	RESULTADO (Result)
HIESTRATICA DE CASCO (HYDROSTATIC SHELL)	350	0.5 min	ACEPTADO (ACCEPTED)		
PRUEBA HIESTRATICA SELLO 1 (HIGH PRESSURE CLOSURE SIDE 1)	200	0.5 min	ACEPTADO (ACCEPTED)		



Certificamos que este producto ha sido diseñado, fabricado y probado de acuerdo con nuestro sistema de administración de calidad y con los requisitos establecidos en una o más de las siguientes normas en su última edición. (We hereby certify this product has been designed, manufactured and tested according to our quality management system and requirements stated in one or more of the following standards on their latest edition).

- API 599 METAL PLUG VALVES - FLANGED, THREADED AND WELDING
- API 598 VALVE QUALIFICATION PROCEDURE
- API 597 VALVE QUALIFICATION PROCEDURE
- ANSI B16.1 TYPE TESTING OF RISING STEM VALVES EQUIPPED WITH GRAPHITE PACKING FOR FUGITIVE EMISSIONS
- ANSI B16.10 FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- ANSI B16.34 FLANGED BUTTWELDING ENDS, SPLICED BONNETS
- ANSI B16.42 VALVE END CONNECTIONS
- ANSI B16.43 VALVE END CONNECTIONS
- ANSI B16.44 VALVE END CONNECTIONS
- ANSI B16.45 VALVE END CONNECTIONS
- ANSI B16.46 VALVE END CONNECTIONS
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- ANSI B16.99 VALVE END CONNECTIONS
- ANSI B16.100 VALVE END CONNECTIONS

Quality Assurance Department
Yolanda Ponciano Montoya
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