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CERTIFICADO DE CALIDAD
INSPECTION CERTIFICATE
 (DIN EN 10204:2004E - ISO 10474: 2013 3.1.B)

Numero: 34949
 Pagina/Page: 1

Fecha/Date: 14 de mayo de 2022

Lista de Empaque: 19969
 Packing List:

Pedido del Cliente No: P032386 -
 Customers Order No:

Dimensiones y tolerancias / Dimension and tolerances

Factura/invoice: Bocas / Ends
 Biselado / Bevelled ends

ASME B 16.9 - 2018

Vendido a: ALLIED FITTINGS MISSOURI CITY
 Sold to:

Especificaciones y Grados / Standard or Specification and Steel Grade

Seamless Fittings according to ASTM A 234 WPB-19a
 Conform to ASME II Ed. 2021, ASME SA-234 Grade WPB

PRUEBAS MECANICAS / MECHANICAL TEST
PRUEBA DE IMPACTO 0°C / IMPACT TEST 0°C

ART. ITEM	COLADA HEAT CODE	CANTIDAD QUANTITY	DESCRIPCION / DESCRIPTION	ESF. CEDENCIA YIELD STRENGTH (Mpa)	ESF. RUPTURA TENSILE STRENGTH (Mpa)	ELONG. %2"	DUREZA HARDNESS HBW	DIMENSIONES SAMPLE DIM mm	1 Joules	2 Joules	3 Joules	PROMEDIO AVERAGE Joules
1	T43884	361	ELLS B X 90° L.R. SCH-XS F91X8	323	478	32	120	10.0	102	54	144	100
2	T43019	50	ELLS B X 90° L.R. SCH-XS F91X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCION DE MATERIAL / MATERIAL DESCRIPTION
ANALISIS QUIMICO / CHEMICAL ANALYSIS

PROCESO PROCESS	COLADA HEAT CODE	COLADA/HEAT M.P.MOTHER PIPE	%C	%C.E	%Mn	%P	%S	%SI	%CT	%Cu	%Mo	%Ni	%V	%Nb
HF	T43884	43864	0.290	0.160	0.680	0.010	0.003	0.270	0.040	0.030	0.010	0.020	0.002	0.004
HF	T43019	43019	0.290	0.160	0.670	0.012	0.001	0.260	0.040	0.050	0.010	0.030	0.001	0.002

Certificamos que los resultados de los Analisis Quimicos y Pruebas Mecanicas son verdaderos o una copia fiel de los certificados enviados por el fabricante y/o el proveedor de Materia Prima (Tuberia Sin Costura) conforme ASTM A106 Grado B con N°:
 We certify that result of chemical analysis and mechanical test are true and correct copy of the test certificate issued by the manufacturer and/or supplier Raw material (Seamless Pipe) certis conform to ASTM A106 Grade B N°:
 22024289 22003201.

El material cumple con lo especificado en la Orden y PED 9723/CE Annex I Par 7.5.
 The material of this certificate heat number mentioned above is in compliance with the requirements specified in the order and PED 9723/EC Annex I Par 7.5.

The Products described herein were produced in accordance with the above referenced specification and are identified with the "T" which is permanently marked on each fitting. The values of hardness for fittings NPS 2 1/2" and smaller ones obtain from the conversion of hardness Rockwell B to hardness Brinell HBW by means of table WILSON DESK CHART 60.
 Los valores de durza para conexiones de NPS de 2 1/2" y menores, se obtienen de la conversión de dureza Rockwell B a dureza Brinell HBW mediante la tabla WILSON DESK CHART 60.

Notes:
 Hot formed fittings in a range from 520°C to 580°C, cooled in still air.
 Cold formed normalized at 1940°C max. Origin raw material.
 Heat with T: Mexico
 Heat with S: Argentina
 Visual dimensional check: Satisfactory
 CF: FORMADO EN FRIJO/COLD FORMED

Quality Manager/Jefe de Calidad:
 ING. ANA GABRIELA VAZQUEZ MAYORAL

FOR03161