

CERTIFIED MATERIAL TEST REPORT

Trinity Fitting Group Inc.

Hackney * Ladish * Flo-Bend

P.O. Box 568887 - 2525 Stemmons Freeway - Dallas, TX 75356 - 8887

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BPCS

Order Number: 300000026-2 (287385-003) DOC #00174429 05/05/19 Date: 05/20/05

Sold to: PLESA ANAHUAC Y CIAS S. A. DE VALLE DE LAS ALAMEDAS NO 66-0
SAN FRANCISCO CHILPAN TULTITLAN EOO DE MEX 54940

Ship to: PLESA ANAHUAC Y CIAS 001
C/O SPECIALIST IN TRANSIT FWR
1801 MARKLEY - MODERN IND PARK
LAREDO TX 78041

Heat Code	Quantity	Description / Specifications	
EL04IXS	15	8 X 6 STD ECC A106-B 7/S80087	A/SA 234 - 03 WPB STRESS RELIEVED NACE MR0175
EK04HSS	10	4 X 3 STD ECC A106-B 84/24891	A/SA 234 - 03 WPB STRESS RELIEVED NACE MR0175
EJ04GHS	30	3 X 2 STD RED TEE A106-B 9/A80861	A/SA 234 - 03 WPB STRESS RELIEVED NACE MR0175
EF04DXS	20	4 X 2 STD RED TEE A 106-B 55/31374	A/SA 234 - 03 WPB STRESS RELIEVED NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
EL04IXS	M	.150	.700	.006	.003	.210	.190	.070	.060	.010	
EK04HSS	M	.180	.576	.008	.004	.279	.048	.027	.052	.008	
EJ04GHS	M	.176	.720	.010	.007	.220	.050	.060	.090	.020	.0160
EF04DXS	M	.210	.780	.013	.011	.310	.020	.020	.030	< .010	.0120

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
EL04IXS		.001								.298
EK04HSS		.002								.293
EJ04GHS		< .010	<.0005	<.0100	<.010	.004	.003	.002	<.050	.327
EF04DXS		< .010	<.0005	<.0100	<.050	.003	<.002	<.001	<.050	.352

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
EL04IXS	75.5	L		39.1	38.0	71.0	125
EK04HSS	69.5	L		45.9	31.0	58.0	128
EJ04GHS	66.4	L		40.4	32.0	63.0	121
EF04DXS	70.5	L		45.0	27.0	59.0	131

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
EL04IXS						
EK04HSS						
EJ04GHS						
EF04DXS						

Test: M=Mill Product
Type: L=Longitudinal

We certify that the material herein described has been manufactured, heat treated, sampled, tested, and inspected in accordance with the above standards and specifications and satisfies those requirements. We certify these flanges and fittings capable of passing a hydrostatic test compatible with their rating. The above figures are correct as contained in the records of the Company. This information has been electronically transmitted to our customer.
/S/ Glinda LaFleur