

CERTIFIED MATERIAL TEST REPORT

Trinity Fitting Group Inc.

Hackney * Ladish * ELO-Bend

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BPCS

Order Number: 30000002 (283403-001) DOC #00167610 05/01/12 Date: 01/12/05

Sold to: PLESA ANAHUAC Y CIAS S. A. DE Ship to: PLESA ANAHUAC Y CIAS 001
 CALLE DE LAS ALAMEDAS NO 66-0 C/O SPECIALIST IN TRANSIT FWR
 SAN FRANCISCO CHILPAN 1801 MARKLEY - MODERND IND PARK
 TULTITLAN EOO DE MEX 54940 LAREDO TX 78041

Heat Code	Quantity	Description / Specifications	Material
SA 556WN	2	14 X 8 STD ECC	A/SA 234 - 03 WPB
EL04JNS	5	20 X 14 STD CON 9/J43383	A/SA 234 - 03 WPB STRESS RELIEVED
EL04IWS	5	20 X 16 STD CON A106-B 9/J43388	A/SA 234 - 03 WPB STRESS RELIEVED
EE04CZS	3	24 X 16 STD CON A106-B 9/A80041	A/SA 234 - 03 WPB STRESS RELIEVED

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
556WN	M	.130	1.230	.007	.002	.300	.040	.060	.070	.070	
EL04JNS	M	.210	1.110	.013	.007	.280	.220	.080	.060	.020	
EL04IWS	M	.190	1.030	.010	.007	.260	.230	.070	.080	.020	
EE04CZS	M	.200	1.080	.013	.017	.220	.020	.040	.070	<.010	.0170

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
556WN		.060			.028					.381
EL04JNS		.007								.432
EL04IWS		.001								.401
EE04CZS	<.010	<.0005	<.0100	<.010	.002	<.002	.001	<.050		.402

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
556WN	76.0	L		55.5	35.0	76.0	197
EL04JNS	83.1	L		47.0	35.0	73.0	143
EL04IWS	80.3	L		50.1	35.0	76.0	144
EE04CZS	78.8	L		45.5	38.0	78.0	140

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
556WN						
EL04JNS						
EL04IWS						
EE04CZS						

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