

**CERTIFIED MATERIAL TEST REPORT**

Trinity Fitting Group Inc.

Hackney \* Ladish \* Flo-Bend

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BPCS

Order Number: 100000403 (278917-002) DOC #00157629 04/08/04 Date: 08/05/04

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

Heat Code	Quantity	Description / Specifications
EE04DC	50	3 STD TEE A/SA 234 - 03 WPB A106-B 9/A80369 NORM. 1650 NACE MR0175
RG04AY	2	24 STD LR 90 DEG EL A/SA 234 - 03 WPB US47DH 9 A63058 AS ROLLED NACE MR0175
EF04DR	50	3 X 2 STD RED TEE A/SA 234 - 03 WPB 106-B 55/59134 NORM. 1650 NACE MR0175
EC04AL1	20	4 X 3 STD RED TEE A/SA 234 - 03 WPB A106-B 55/30013 NORM. 1650 NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
EE04DC	M	.180	.690	.010	.016	.230	.040	.030	.060	.020	.0170
RG04AY	M	.190	1.060	.010	.004	.240	.020	.040	.060	.020	.0340
EF04DR	M	.200	.700	.013	.010	.300	.060	.040	.040	.010	.0130
EC04AL1	M	.170	.750	.015	.004	.290	.040	.030	.030	<.010	.0170

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
EE04DC	.0050	<.010	<.0005	<.0100	<.010	.002	.002	<.001	<.050	.317
RG04AY		.001	.0001		.001					.386
EF04DR	.0032	<.010	<.0005	<.0100	<.010	.005	.002	<.001	<.130	.335
EC04AL1		<.010	<.0005	<.0100	<.010	.004	<.002	<.001	<.050	.309

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
EE04DC	70.6	L		44.9	35.0	65.0	126
RG04AY	71.0	L		47.6	43.0		155
EF04DR	76.9	L		49.7	27.0	65.0	136
EC04AL1	78.9	L		54.5	28.0	64.0	140

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds Later.	Expansion	% Shear
EE04DC						
RG04AY						
EF04DR						
EC04AL1						

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