

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: 8278

(278268-003) DOC #00157625 04/08/04 Date: 08/05/04

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
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Heat Code	Quantity	Description / Specifications
F04DR	50	3 X 2 STD RED TEE A/SA 234 - 03 WPB 106-B 55/59134 NORM. 1650 NACE MR0175
C04SZ	1	20 X 14 STD RED TEE A/SA 234 - 01 WPB A106-B 9/B85539 NORM. 1650 NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
F04DR	M	.200	.700	.013	.010	.300	.060	.040	.040	.010	.0130
C04SZ	M	.180	1.180	.017	.017	.200	.020	.100	.060	.050	.0230

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
F04DR	.0032	< .010	<.0005	<.0100	<.010	.005	.002	<.001	<.130	.335
C04SZ	.0050	.074	<.0005	<.0100	<.010	.002	<.002	<.001	<.050	.421

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
F04DR	76.9	L		49.7	27.0	65.0	136
C04SZ	79.5	L		53.7	33.0	69.0	156

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
F04DR						
C04SZ						

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