

CERTIFIED MATERIAL TEST REPORT

Trinity Fitting Group Inc.

Hackney * Ladish * Flo-Bend

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BPCS

Order Number: 300000010 (281505-016) DOC #00164109 04/11/04 Date: 11/05/04

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

Heat Code	Quantity	Description / Specifications
506WO	8	2 X 1 XH ECC A/SA 234 - 01 WPB A106B MIW/30 448481 HOT FORMED NACE MR0175
EE04BJS	20	2 X 1 XH RED TEE A/SA 234 - 03 WPB A106-B 9/A80861 STRESS RELIEVED NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
506WO	M	.200	.670	.007	.005	.250	.250	.110	.110	.040	
EE04BJS	M	.170	.720	.012	.010	.210	.050	.050	.090	.020	.0160

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
506WO		.002			.002					.366
EE04BJS	.0040	< .010	<.0005	<.0100	<.010	.003	.003	.001	<.050	.320

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
506WO	75.8	L		55.2	37.0		197
EE04BJS	71.5	L		48.5	26.0	58.0	128

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
506WO						
EE04BJS						

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