

CERTIFIED MATERIAL TEST REPORT

Trinity Fitting Group Inc.

Hackney * Ladish * Flo-Bend

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BPCS

Order Number: 300000010 (281505-004) DOC #00163719 04/10/29 Date: 10/31/04

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
EB04PT	15	2 X 1 1/2 STD RED TEE A/SA 234 - 01 WPB A106-B 9/A63133 NORM. 1650 NACE MR0175
EG04EH	15	2 X 1 1/2 STD RED TEE A/SA 234 - 03 WPB A 106-B 9/A80723 NORM. 1650 NACE MR0175
EE04BKS	15	2 X 1 STD RED TEE A/SA 234 - 03 WPB A106-B 55/30198 STRESS RELIEVED NACE MR0175
EB03SO	7	6 X 2 STD RED TEE A/SA 234 - 01 WPB A106-B 48/98921 NORM. 1650 NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
EB04PT	M	.180	.660	.012	.006	.220	.040	.060	.090	.020	.0200
EG04EH	M	.201	.700	.011	.012	.240	.020	.020	.050	< .010	.0170
EE04BKS	M	.190	.720	.015	.012	.290	.030	.020	.030	.020	.0130
EB03SO	M	.180	.600	.011	.006	.260	.070	.040	.040	.030	.0190

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
EB04PT	.0050	< .010	<.0005	<.0100	<.010	.003	.002	<.001	<.050	.320
EG04EH		< .010	<.0005	<.0100	<.010	.002	<.002	<.001	<.050	.334
EE04BKS		< .010	<.0005	<.0100	<.010	.003	<.002	<.001	<.050	.325
EB03SO	.0078	< .010	<.0005	<.0100	<.010	.004	<.002	<.001	<.050	.303

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
EB04PT	70.8	L		46.7	27.0	60.0	132
EG04EH	62.4	L		40.5	27.0		126
EE04BKS	72.7	L		47.6	24.0	54.0	125
EB03SO	72.4	L		41.1	38.0	72.0	116

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
EB04PT						
EG04EH						
EE04BKS	.0					
EB03SO						

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