

CERTIFIED MATERIAL TEST REPORT

Trinity Fitting Group Inc.

Hackney \* Ladish \* Flo-Bend

P.O. Box 568887 - 2525 Stemmons Freeway - Dallas, TX 75356 - 8887

Phone: (214) 589-8177 Fax: (214) 589-8892

BPCS

Order Number: 300000022 (284931-008) DOC #00170103 05/03/01 Date: 03/02/05

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	
ED04AOS	15	10 X 8 STD ECC A106-B 7/S10331	A/SA 234 - 01 WPB STRESS RELIEVED NACE MR0175
EE04DES	4	12 X 8 STD ECC A106-B 48/16685	A/SA 234 - 03 WPB STRESS RELIEVED NACE MR0175
EE04DES	4	12 X 10 STD ECC A106-B 48/16685	A/SA 234 - 03 WPB STRESS RELIEVED NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
ED04AOS	M	.130	.680	.014	.007	.200	.210	.090	.080	.020	.0240
EE04DES	M	.190	1.000	.017	.016	.260	.130	.090	.090	.040	.0110
EE04DES	M	.190	1.000	.017	.016	.260	.130	.090	.090	.040	.0110

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
ED04AOS	.0088	< .010	<.0005	.0300	<.010	.012	<.002	<.001	<.050	.285
EE04DES		< .010	<.0005	<.0100	<.010	.010	.002	<.001	<.050	.399
EE04DES		< .010	<.0005	<.0100	<.010	.010	.002	<.001	<.050	.399

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
ED04AOS	76.8	L		42.6	37.0	72.0	131
EE04DES	80.9	L		47.9	31.0	72.0	139
EE04DES	80.9	L		47.9	31.0	72.0	139

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
ED04AOS						
EE04DES						
EE04DES						

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

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BPCS

Order Number: 300000022 (284931-003) DOC #00170103 05/03/01 Date: 03/02/05

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
EE04VS	50	6 STD CAP A/SA 234 - 03 WPB A516-65 117/E4E028 NORM. 1650 NACE MR0175
EA04ORS	20	4 X 3 STD RED TEE A/SA 234 - 01 WPB A106-B 9/A63600 STRESS RELIEVED NACE MR0175
EE04BJS	30	2 X 1 XH RED TEE A/SA 234 - 03 WPB A106-B 9/A80861 STRESS RELIEVED NACE MR0175
EK04IGS	2	24 X 20 STD CON A/SA 234 - 03 WPB A106-B 09/A80043 STRESS RELIEVED NACE MR0175

**Chemical Analysis**

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
EE04VS	M	.160	.910	.015	.014	.190	.300	.120	.130	.030	.0120
EA04ORS	M	.180	.650	.010	.006	.220	.020	.030	.080	.020	.0340
EE04BJS	M	.170	.720	.012	.010	.210	.050	.050	.090	.020	.0160
EK04IGS	M	.210	1.060	.012	.008	.230	.020	.040	.070	.030	

**Chemical Analysis (cont.)**

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
EE04VS		< .010	<.0005	.0200	<.010	.011	.004	<.001	<.050	.373
EA04ORS	.0060	< .010	<.0005	<.0100	<.010	.001	.003	.001	<.050	.313
EE04BJS	.0040	< .010	<.0005	<.0100	<.010	.003	.003	.001	<.050	.320
EK04IGS		.001								.410

**Physical Properties**

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
EE04VS	75.8	T		52.8	27.0	65.0	135
EA04ORS	65.9	L		41.1	32.0	63.0	122
EE04BJS	71.5	L		48.5	26.0	58.0	128
EK04IGS	76.1	L		46.7	36.0	74.0	143

**Charpy Results**

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
EE04VS						
EA04ORS						
EE04BJS						
EK04IGS						

Test: M=Mill Product

Type: T=Transverse L=Longitudinal

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/s/ Glinda LaFleur

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BPCS

Order Number: 300000022 (284931-011) DOC #00171182 05/03/21 Date: 03/22/05

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	
EJ04GHS	200	3 STD TEE A106-B 9/A80861	A/SA 234 - 03 WPB STRESS RELIEVED NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
EJ04GHS	M	.176	.720	.010	.007	.220	.050	.060	.090	.020	.0160

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
EJ04GHS		< .010	<.0005	<.0100	<.010	.004	.003	.002	<.050	.327

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
EJ04GHS	66.4	L		40.4	32.0	63.0	121

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
EJ04GHS						

Test: M=Mill Product  
Type: L=Longitudinal

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/S/ Glinda LaFleur