

CERTIFIED MATERIAL TEST REPORT

Trinity Fitting Group Inc.

Hackney \* Ladish Ha Flo-Benda

Countyn@Fitt  
Flo-Bendad

2525 Stemmons Freeway Ste Dallas, TX 75356 - 8887  
Phone: (214) 589-8892 Fax: (214) 589-8892

BPCS

Order Number: 30000002 (283403-008) DOC #00167610 05/01/12 Date: 01/12/05

Sold to: PLESA ANAHUAC Y CIAS S. A. DE Ship to: PLESA ANAHUAC Y CIAS 001  
VALLE DE LAS ALAMEDAS NO 66-00 C/O SPECIALIST IN TRANSIT FWR  
SAN FRANCISCO CHILPAN 1801 MARKLEY - MODERN IND PARK  
TULTITLAN LEOO DE MEX 54940 LAREDO TX 78041 TULTITLAN

Heat Code	Quantity	Description / Specifications	Heat Code	Quantity
EC04VF	3	WPB 10.00416 STD CAP A/SA 234 - 01 WPB	WPB 10.00416	3
		A516-75MR17/B4C006 NORM. 1650	NACE MR0175	
EG04EJS	50	2 XH TEE A/SA 234 - 03 WPB		
		A 106-B 9/A80369 STRESS RELIEVED	NACE MR0175	
EH03GT	200	2 1/2 STD TEE A/SA 234 - 01 WPB		
		A106-B 9/A62280 NORM. 1650	NACE MR0175	
EE04CJS	250	3 STD TEE A/SA 234 - 03 WPB		
		A106-B 55/30593 STRESS RELIEVED	NACE MR0175	

Chemical Analysis

Heat Code	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	CE
EC04VF	.160	.010	.018	.017	.180	.270	.110	.100	.020	.0210
EG04EJS	.201	.670	.010	.015	.230	.040	.030	.060	.020	.0170
EH03GT	.210	.690	.015	.012	.230	.020	.030	.050	.020	.0280
EE04CJS	.170	.730	.014	.012	.300	.030	.020	.040	.030	.0130

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
EC04VF		< .010	<.0005	.0200	<.010	.010	.004	<.001	<.050	.379
EG04EJS		< .010	<.0005	<.0100	<.010	.002	<.002	<.001	<.050	.335
EH03GT	.0060	< .010	<.0005	<.0100	<.010	.003	<.002	.005	<.050	.344
EE04CJS	.0030	< .010	<.0005	<.0100	<.010	.003	<.002	<.001	<.050	.310

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
EC04VF	75.2	T		49.9	30.0	66.0	143
EG04EJS	68.6	L		47.4	28.0	61.0	121
EH03GT	69.1	L		43.8	25.0	63.0	141
EE04CJS	68.5	L		42.0	29.0	61.0	124

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
EC04VF						
EG04EJS						
EH03GT						
EE04CJS						

Test: M=Mill Product

Type: T=Transverse 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