

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: 8205

(275611-015) DOC #00149673 04/04/09 Date: 04/10/04

Sold to: TUBOS CONEXIONES Y TANQUES
 VALLE DE LAS ALAMEDAS NO 66 B
 SAN FRANCISCO CHILPAN
 TULTITLAN EOO DE MEX 54940

Ship to: TUBOS CONEXIONES Y TANQUES 001
 C/O SPECIALIST IN TRANSIT FWR
 1801 MARKLEY - MODERN IND PARK
 LAREDO TX 78041

Heat Code	Quantity	Description / Specifications				
RA04JJ	2	24 STD LR 90 DEG EL	A/SA 234 - 02	WPB		
		A106B 9 A64239	AS ROLLED			NACE MR0175
RB04HK	2	24 STD LR 90 DEG EL	A/SA 234 - 02	WPB		
		US471D Y56 9 A64241	AS ROLLED			NACE MR0175
EF03EX	2	24 X 20 STD CON	A/SA 234 - 01	WPB		
		A106-B 9/B45772	NORM. 1650			NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
RA04JJ	M	.170	.700	.013	.007	.220	.020	.040	.080	.010	.0290
RB04HK	M	.170	1.160	.015	.008	.200	.030	.100	.090	.030	.0260
EF03EX	M	.200	1.050	.007	.010	.230	.020	.040	.090	.010	.0340

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
RA04JJ		.001			.001					.308
RB04HK	.0050	.068	.0001		.001					.409
EF03EX	<	.010	<.0005	<.0100	<.010	.003	<.002	.002	<.050	.401

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
RA04JJ	62.0			38.5	45.0		79
RB04HK	76.5			54.5	43.0		
EF03EX	84.5	L		48.5	34.0	72.0	134

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
RA04JJ						
RB04HK						
EF03EX						

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