

CERTIFIED MATERIAL TEST REPORT

Trinity Fitting Group Inc.

Hackney * Ladish * Flo-Bend

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

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BPCS

Order Number: 8205

(275611-010) 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
EA03XL	3	20 XH CAP A/SA 234 - 01 WPB A516-70 154/2103015 NORM. 1650 NACE MR0175
RK03BF	4	20 STD LR 45 DEG EL A/SA 234 - 02 WPB GRB 48 12683 AS ROLLED NACE MR0175
RC03DH	4	20 STD LR 45 DEG EL A/SA 234 - 01 WPB A106B 48 99429 AS ROLLED NACE MR0175
RA04JF1	4	18 STD LR 90 DEG EL A/SA 234 - 02 WPB A106B 48 14609 AS ROLLED NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
EA03XL	M	.180	1.020	.017	.008	.160	.200	.100	.160	.020	.0290
RK03BF	M	.180	1.040	.014	.001	.240	.138	.070	.100	.035	.0180
RC03DH	M	.160	.660	.012	.001	.290	.078	.050	.070	.044	.0180
RA04JF1	M	.170	1.040	.014	.004	.240	.110	.070	.090	.040	.0190

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
EA03XL		< .010	<.0005	<.0100	<.010	.010	.002	.002	<.050	.408
RK03BF	.0060	.000	.0000	.0000	.000	.009				.394
RC03DH		.000	.0000	.0000	.000	.004				.301
RA04JF1		.000	.0000	.0000	.000	.009				.381

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
EA03XL	81.2	T		48.5	32.0	65.0	152
RK03BF	77.1	L		53.1	44.0		197
RC03DH	70.4			46.8	44.0		197
RA04JF1	76.9			52.4	42.0		197

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
EA03XL						
RK03BF						
RC03DH						
RA04JF1						

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