

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

Order Number: 15523

(253522-005) INV #00109887 02/05/09 Date: 05/10/02

Sold to: FERRETERA ANAHUAC, S.A. DE C.V Ship to: FERRETERA ANAHUAC, S.A. DE0001
 VALLE DE LAS ALAMEDAS NO.66 B C/O SPECIALIST IN TRANSIT FWR
 SAN FRANCISCO CHILPAN 1801 MARKLEY MODERN IND. PARK
 TULTITLAN, EOO. DE MEXICO LAREDO TX 78041

Heat Code	Quantity	Description / Specifications
M2WH	10	4 X 2 XH ECC A/SA 234 - 00 WPB A106B 133/ 590UO (30) AS ROLLED NACE MR0175
EB02GZ	10	4 X 3 STD ECC A/SA 234 - 00 WPB A106-B 9/X24511 NORM. 1650 NACE MR0175
M2RY	10	4 X 2 1/2 STD ECC A/SA 234 - 00 WPB A106B 133/ 473UO (30) AS ROLLED NACE MR0175
EA02TD	10	8 XH CAP A/SA 234 - 00 WPB A516-70 106/B1W7099 NORM. 1650 NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
M2WH	M	.200	.620	.006	.007	.240	.140	.090	.100	.030	
EB02GZ	M	.160	1.060	.006	.006	.230	.010	.010	.050	.110	.0300
M2RY	M	.200	.620	.006	.007	.240	.140	.090	.100	.030	
EA02TD	M	.230	1.100	.009	.006	.200	.160	.060	.050	.010	.0260

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
M2WH		.001			.001					.344
EB02GZ		.028	.0005	.0100	.010	.003	.002	.001	.050	.375
M2RY		.001			.001					.344
EA02TD	.0080	.010	.0005	.0100	.010	.008	.002	.001	.050	.441

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
M2WH	73.5			48.1	34.0		197
EB02GZ	78.2	L		52.4	30.0	59.0	171
M2RY	73.2			50.5	37.0		197
EA02TD	81.5	T		56.0	36.0	67.0	159

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
M2WH						
EB02GZ						
M2RY						
EA02TD						

Test: M=Mill Product

Type: L=Longitudinal T=Transverse

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