

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:

Date: 07/08/03

Sold to: FERRETERA ANAHUAC, SA DE CV Ship to:

VALLE DE LAS ALAMEDAS NO 66 B

SAN FRANCISCO CHILPAN

TULTITLAN EOO DE 54940

Heat Code	Quantity	Description / Specifications	
EC03XY		10" CAP XS A/SA 234 - 01 WPB	
		A516-70 154/3100523 NORM. 1650	NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
EC03XY	M	.190	1.020	.018	.006	.180	.260	.080	.110	.010	.0330

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
EC03XY		< .010	<.0005	<.0100	<.010	.010	<.002	<.001	<.050	.408

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
EC03XY	81.9	T		53.3	32.0	64.0	149

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
EC03XY						

Test: M=Mill Product

Type: 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