

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: 7541

Date: 02/16/04

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		
EH03HV		8X6 STD ECC RED	A/SA 234 - 01	WPB
		A106-B 66/92673K	NORM. 1650	NACE MR0175
EM03MV		14X12 STD RED TEE	A/SA 234 - 01	WPB
		A106-B 9/A63061	NORM. 1650	NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
EH03HV	M	.180	.520	.015	.011	.210	.050	.030	.030	< .010	.0130
EM03MV	M	.170	.660	.005	.001	.230	.020	.100	.110	.050	.0290

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
EH03HV		< .010	<.0005	<.0100	<.010	.006	<.002	.002	.050	.281
EM03MV	.0060	< .010	<.0005	<.0100	<.010	.002	.002	.002	<.050	.322

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
EH03HV	75.4	L		44.9	36.0	69.0	116
EM03MV	75.1	L		44.4	36.0	69.0	132

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
EH03HV						
EM03MV						

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