

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: 1365

Date: 05/18/06

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
ED05NWS	2	1.15 XH RED TEE A/SA 234 - 05A WPB (SMLS) TM60 55/34882 STRESS RELIEVED NACE MR0175
EF05YHS	12	S/20 CAP A/SA 234 - 05A WPB (SMLS) A516-70 164/813L73800 HOT FORMED NACE MR0175
A06BY	14	STD CAP A/SA 234 - 05A WPB (SMLS) A516-70 164 716P58270 HOT FORMED NACE MR0175
A06CG	14	STD CAP A/SA 234 - 05A WPB (SMLS) A516-70 164 152P30670 HOT FORMED NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
ED05NWS	M	.180	.730	.010	.002	.300	.037	.017	.030	.020	
EF05YHS	M	.160	1.090	.013	.004	.367	.242	.160	.040	.008	
A06BY	M	.170	1.070	.020	.004	.320	.240	.200	.030	.010	.0370
A06CG	M	.160	1.090	.010	.003	.350	.240	.180	.030	.002	.0410

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
ED05NWS		.001			.001					.315
EF05YHS		.004			.002					.378
A06BY	.0050	.002	.0001	.0040	.001	.003				.386
A06CG	.0040	.001	.0001	.0040	.001	.010				.376

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
ED05NWS	69.0	L		43.5	29.0	60.0	136
EF05YHS	79.8	T		54.6	30.0	70.0	147
A06BY	77.1			53.4	43.0		197
A06CG	76.4			53.3	48.0		197

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
ED05NWS						
EF05YHS						
A06BY						
A06CG						

Test: M=Mill Product

Type: L=Longitudinal T=Transverse

We certify that the material herein described has been manufactured in accordance with the above standards and specifications and satisfies all the requirements of the latest editions unless otherwise noted. We certify these fittings capable of passing a hydrostatic test compatible with their rating.