

## 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

Date: 05/24/02

Sold to: FERRETERA ANAHUAC, S.A. DE C.V Ship to:

VALLE DE LAS ALAMEDAS NO.66 B

SAN FRANCISCO CHILPAN

TULTITLAN, EOO. DE MEXICO

Heat Code	Quantity	Description / Specifications
ED01WS		18 XH CAP A/SA 234 - 00 WPB A516-70 117/A1D063 NORM. 1650 NACE MR0175

## Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
ED01WS	M	.190	.970	.007	.001	.260	.270	.130	.150	.040	.0270

## Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
ED01WS		.010	.0005	.0300	.010	.014	.007	.003	.050	.418

## Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
ED01WS	79.5	T		44.6	33.0	66.0	147

## Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
ED01WS						

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