

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: 5301

Date: 01/23/03

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	
RC02BN		24 STD LR 90 DEG EL A/SA 234 - 01 WPB	
		471D 9 A40029 AS FORMED	NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
RC02BN	M	.185	1.150	.007	.006	.190	.010	.080	.110	.030	.0230

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
RC02BN		.070	<.0005	<.0100	<.010	.003				.424

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
RC02BN	81.5	L		54.5	33.0	74.0	149

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
RC02BN						

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