

CERTIFIED MATERIAL TEST REPORT

Trinity Fitting Group Inc.

Hackney * Ladish * Flo-Bend

P.O. Box 568887 - 2525 Stemmons Freeway - Dallas, TX 75356 - 8887

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BPCS

Order Number: 453-3

(292078-001) DOC #00183797 05/10/21 Date: 10/23/05

Sold to: PLESA ANAHUAC Y CIAS S. A. DE VALLE DE LAS ALAMEDAS NO 66-0
 SAN FRANCISCO CHILPAN TULTITLAN EOO DE MEX 54940
 Ship to: PLESA ANAHUAC Y CIAS 001
 C/O SPECIALIST IN TRANSIT FWR
 1801 MARKLEY - MODERN IND PARK
 LAREDO TX 78041

Heat Code	Quantity	Description / Specifications
EB05LMS	20	10 X 6 STD ECC A/SA 234 - 03 WPB H60 07/SY489 STRESS RELIEVED NACE MR0175
EF05PSS	2	14 X 10 STD ECC A/SA 234 - 05A WPB A106-B 168/244113 STRESS RELIEVED NACE MR0175
EJ04WTS	50	8 STD CAP A/SA 234 - 03 WPB A516-70 154/A4U2045 STRESS RELIEVED NACE MR0175
EF05YGS	50	10 STD CAP A/SA 234 - 03 WPB A516-70 154/B5R6304 STRESS RELIEVED NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
EB05LMS	M	.180	.670	.005	.006	.230	.170	.080	.060	.010	
EF05PSS	M	.120	.860	.008	.002	.210	.180	.130	.080	.020	
EJ04WTS	M	.202	1.140	.013	.012	.190	.220	.080	.060	.010	.0130
EF05YGS	M	.230	1.080	.011	.006	.210	.250	.080	.030	.018	

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
EB05LMS		.001			.001					.322
EF05PSS		.000			.000					.303
EJ04WTS	<	.010	<.0005	<.0100	<.010	.009	<.002	.002	<.050	.428
EF05YGS		.003			.000					.442

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
EB05LMS	71.3	L		41.2	37.0	70.0	133
EF05PSS	89.5	L		66.6	31.0	81.0	168
EJ04WTS	80.1	T	.299	50.3	29.0	54.0	146
EF05YGS	84.9	T		51.0	32.0	59.0	149

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
EB05LMS						
EF05PSS						
EJ04WTS						
EF05YGS						

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. 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