

AUG. 1. 2006 9:47AM

TRINITY FITTING GRP.
CERTIFIED MATERIAL TEST REPORT
 Hackney Ladish Inc.

NO. 413 P. 3

P.O. Box 568887 - 2525 Stemmons Freeway - Dallas, TX 75356 - 8887
 Phone: (214) 589-8177 Fax: (214) 589-8892

Date: 08/01/06

Order Number: 1699

Sold to: PLESA ANAHUAC Y CIAS S. A. DE Ship to:
 VALLE DE LAS ALAMEDAS NO 66-0
 TULTITLAN MX 54940

Heat Code	Quantity	Description / Specifications
F06YJS		18 X 12 STD CONC A/SA 234 - 06 WPB (SMLS) NACE MR0175 A106B 9 A20642 STRESS RELIEVED
F06YKS		18 X 14 STD CONC A/SA 234 - 06 WPB (SMLS) NACE MR0175 A106B 9 B26215 STRESS RELIEVED
A06CRS		18 X 14 STD CONC A/SA 234 - 05A WPB (SMLS) NACE MR0175 A106B 9 A02900 STRESS RELIEVED
D06NWS		10 STD CAP A/SA 234 - 05A WPB (SMLS) NACE MR0175 A516-70 164 162P44710 STRESS RELIEVED

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
F06YJS	M	.200	1.060	.008	.005	.180	.030	.060	.080	.040	.0270
F06YKS	M	.200	1.030	.007	.006	.180	.050	.040	.100	.030	.0340
A06CRS	M	.200	1.080	.012	.002	.190	.060	.040	.090	.010	.0380
D06NWS	M	.180	1.060	.008	.003	.364	.239	.180	.020	.003	.0320

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
F06YJS		.003	.0001	.0020	.001					.407
F06YKS		.003	.0001	.0020	.001					.404
A06CRS		.002	.0003	.0020	.002					.407
D06NWS		.002		.0010	.001					.389

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
F06YJS	70.7	L		44.4	38.0	75.0	149
F06YKS	65.6	L		41.8	36.0	74.0	143
A06CRS	71.4	L		43.0	37.0	74.0	129
D06NWS	73.0	T		48.1	38.0	73.0	143

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
F06YJS						
F06YKS						
A06CRS						
D06NWS						

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