

CERTIFIED MATERIAL TEST REPORT  
Hackney Ladish Inc.

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BPCS

Order Number: 1405 - 4 (298892-004) DOC #00201665 06/07/27 Date: 07/28/06

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

Heat Code	Quantity	Description / Specifications
F06YJS	2	18 X 12 STD CON A/SA 234 - 06 WPB (SMLS) A106B 9 A20642 STRESS RELIEVED NACE MR0175
SD06WC	5	1 X 1/2 XH RED TEE A/SA 234 - 06 WPB (SMLS) A105 132/1 IXC NORMALIZED NACE MR0175

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
SD06WC	M	.190	.960	.006	.009	.260	.250	.070	.040	.015	

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
F06YJS		.003	.0001	.0020	.001					.407
SD06WC		.004			.000					.383

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
SD06WC	71.5			50.4	33.4	60.4	152

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
F06YJS						
SD06WC						

Test: M=Mill Product  
Type: L=Longitudinal

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