

CERTIFIED MATERIAL TEST REPORT  
Hackney Ladish Inc.

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Order Number: 1699

Date: 08/17/06

Sold to: FERRETERA ANAHUAC, SA DE CV Ship to:  
VALLE DE LAS ALAMEDAS NO 66 B  
SAN FRANCISCO CHILPAN  
TULTITLAN EOO DE 54940

Heat Code	Quantity	Description / Specifications
C06KNS	4 X 3	STD RED TEE A/SA 234 - 05A WPB (SMLS) TM-60 55 42371 STRESS RELIEVED NACE MR0175
D06MT1	18 X 12	STD RED TEE A/SA 234 - 05A WPB (SMLS) TRI56 61 960131 HOT FORMED NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
C06KNS	M	.180	.720	.011	.001	.280	.035	.020	.030	.020	.0220
D06MT1	M	.170	1.180	.012	.001	.270	.110	.080	.080	.050	.0320

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
C06KNS	.0033	.001	.0001	.0020	.001	.003				.313
D06MT1	.0048	.050								.415

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
C06KNS	63.2	L		41.1	30.0	68.0	137
D06MT1	77.7	L		49.0	39.0		156

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
C06KNS						
D06MT1						

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.