

CERTIFIED MATERIAL TEST REPORT
Hackney Ladish Inc.

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Phone: (800) 527-4500 Fax: (214) 269-5601

Order Number: 2165

Date: 12/14/06

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

<u>Heat Code</u>	<u>Quantity</u>	<u>Description / Specifications</u>	
F06YYS		20 X 16 STD CONC RED	A/SA 234 - 06 WPB (SMLS)
		A106B 9 A20662	STRESS RELIEVED NACE MR0175

Chemical Analysis

<u>Heat Code</u>	<u>Test</u>	<u>C</u>	<u>Mn</u>	<u>P</u>	<u>S</u>	<u>Si</u>	<u>Cu</u>	<u>Ni</u>	<u>Cr</u>	<u>Mo</u>	<u>Al</u>
F06YYS	M	.190	1.040	.007	.003	.200	.020	.020	.050	.020	.0360

Chemical Analysis (cont.)

<u>Heat Code</u>	<u>N</u>	<u>V</u>	<u>B</u>	<u>Ti</u>	<u>Cb</u>	<u>Sn</u>	<u>W</u>	<u>Pb</u>	<u>Co</u>	<u>CE</u>
F06YYS		.003	.0001	.0020	.001					.380

Physical Properties

<u>Heat Code</u>	<u>Tensile KSI</u>	<u>Type</u>	<u>Thickness</u>	<u>Yield KSI</u>	<u>% Elong. (4D)</u>	<u>% RA</u>	<u>Hardness HB</u>
F06YYS	67.6	L		42.1	40.0	76.0	134

Charpy Results

<u>Heat Code</u>	<u>Size x 10mm</u>	<u>Type</u>	<u>Temp. (F)</u>	<u>Foot Pounds</u>	<u>Later. Expansion</u>	<u>% Shear</u>
F06YYS						

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