

Oct. 4. 2006 6:43AM

No. 5208 P. 3/3

CERTIFIED MATERIAL TEST REPORT
Hackney Ladish Inc.

P.O. Box 803466 - 5495 Beltline Rd. #290 - Dallas, TX 75254
Phone: (800) 527-4500 Fax: (214) 269-5601

Order Number: 1884

Date: 10/03/06

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
M05YYS		10 X 8 STD ECC A/SA 234 - 05A WPB (SMLS) A106B 7 TW0104 STRESS RELIEVED NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
M05YYS	M	.150	.650	.007	.002	.210	.150	.060	.090	.010	.0340

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
M05YYS	.0073	.002	.0001	.0220	.001	.012				.292

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
M05YYS	65.8	L		43.1	40.0	72.0	131

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
M05YYS						

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