

Oct. 4. 2006 6:44AM

No. 5209 P. 3/6

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

Date: 10/03/06

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
EE05OLS		5 X 3 STD TEE A/SA 234 - 03 WPB (SMLS) H60-NDE 7/580340 STRESS RELIEVED NACE MR0175

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al
EE05OLS	M	.160	.680	.006	.005	.220	.110	.050	.070	.000	

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
EE05OLS		.001			.001					.298

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
EE05OLS	63.3	L		46.1	32.0	66.0	133

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
EE05OLS						

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