

**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: 11/05/08

Order Number: 5030

Sold to: PLESA ANAHUAC Y CIAS S. A. DE Ship to:  
VALLE DE LAS ALAMEDAS NO 66-0  
TULTITLAN MEX 54940

<u>Heat Code</u>	<u>Description / Specifications</u>	<u>A/SA 234 - 07 WPB (SMLS)</u>
G08KWS	12 X 8 STD ECC A106B 175 981240	STRESS RELIEVED NACE MR0175

Chemical Analysis											
Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Cr	Md	Al
G08KWS	M	.200	.490	.010	.005	.290	.070	.030	.030	.020	.0070

Chemical Analysis (cont.)										
Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
G08KWS		.010	.0005	.0100	.005					.300

Physical Properties							
Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
G08KWS	67.5	L		41.1	31.0	65.0	126

Charpy Results						
Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
G08KWS						

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 editions specified. We certify all materials provided comply with ISO 10204 paragraph. 3.1 which replaces type 3.1.B of the 1991 edition of EN 10204. Our ISO9001:2000 certificate number is CERT11763-2007-AQ-HOU-RVA/ANAB. We certify these fittings capable of passing 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.