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CERTIFIED MATERIAL TEST REPORT
Hackney Ladles Inc.

No 3464 P. 4

P.O. Box 803466 - 5495 Beltline Rd. #290 - Dallas, TX 75254
Order Number: 4727 Phone: (972) 577-4500 Fax: (972) 269-5600 Date: 07/10/08

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

Heat Code	Description / Specifications	Forming	Product
C08AJ	12 XH CAPS	HOT FORMED	A/SA 234 - 07 WPB (SMUS)
K07MK	12 XH CAPS	HOT FORMED	A/SA 234 - 07 WPB (SMUS)
E06WX2	14 STD CAPS	HOT FORMED	A/SA 234 - 06 WPB (SMUS)
	AS16-70 173 161P32920	HOT FORMED	NACE MR0175

Heat Code	Test	Chemical Analysis										
		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al	
C08AJ	M	.190	1.090	.011	.005	.220	.250	.080	.090	.030	.0310	
K07MK	M	.190	1.040	.013	.002	.240	.220	.050	.100	.000	.0270	
E06WX2	M	.170	1.080	.008	.007	.358	.255	.190	.020	.003	.0410	

Heat Code	N	V	Chemical Analysis (cont.)										
			B	Ti	Co	Sn	W	Pb	Co	CE			
C08AJ	.0085	.001	.0001	.0010	.001	.010					.417		
K07MK	.002	.0001	.0020	.001	.006						.401		
E06WX2	.001		.0030	.001							.384		

Heat Code	Tensile KSI	Type	Physical Properties			
			Thickness	Yield	KSI	Rlong. (4D) & RA
C08AJ	75.6	T	47.4	25.7	156	
K07MK	80.6	T	54.5	23.1	163	
E06WX2	73.7	T	48.0	41.0	149	

Heat Code	Size x 10mm	Type	Charpy Results	
			Foot Pounds	Inlet. Expansion & Shear
C08AJ				
K07MK				
E06WX2				

Test: M-Mill Product
Type: T-Transverse

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-HOT-RVA/ANB. 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.