



APPLIED TECHNICAL SERVICES, INCORPORATED

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CHEMICAL TEST REPORT

Ref. C143738

Date September 9, 2009

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Customer: Test Engineering, Inc., 12718 Cimarron Path, San Antonio, TX 78249-3423

Attention: Zack Bishop

Purchase Order #: 14095

Part #/Name: Liners (See Below)

Material Designation: Gray Cast Iron

Special Requirement: N/A

Lab Comment: Analyzed by combustion and optical emission techniques.

Test Results

Composition: Weight %

Identification	C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Ti
Alloy or Spec. Req. ⁽¹⁾	—	—	—	—	—	—	—	—	—	—
Sample A	3.27	0.73	0.030	0.058	2.04	0.42	0.07	0.005	0.66	0.01
Sample B	3.32	0.68	0.14	0.053	2.24	0.31	0.04	0.01	0.34	0.05

(1) None supplied



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Supervisor

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