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A Subsidiary of THE MMR GROUP, INC.

**Massachusetts Materials Research, Inc.**

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DATE: October 17, 2002

P.O. NO.: 139562877-00

MMR NO.: 0291-27

MMR ID#: 3

PAGE #: 1 of 1

ATTENTION: Daniel Flanagan

SAMPLE IDENTIFICATION: Sample 3, ITT, Large Dia.CHEMISTRY

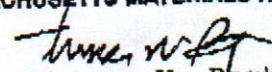
Element	Composition (%)
Carbon	.29
Manganese	1.19
Phosphorus	.032
Sulfur	.013
Chromium	.01
Nickel	.03
Copper	<.01
Silicon	.25
Molybdenum	<.01
Vanadium	.06
Niobium	<.01

TENSILE PROPERTIES

Ultimate Strength (psi)	101,000
Point Yield Strength (psi)	76,000
% Elongation in 8"	17

According to the above test results, this sample conforms to the chemical and tensile requirements of ASTM A615-01a, Grade 60, Bar Designation No. 6.

MASSACHUSETTS MATERIALS RESEARCH, INC.

  
 Thomas W. Baxter  
 Manager of Testing Services

Chemical analysis performed by Inductively Coupled Plasma/Optical Emission Spectrometer. Carbon, sulfur, nitrogen, hydrogen and oxygen performed by Leco Combustion. Mechanical and metallurgical testing performed per MMR Procedures.

The results reported above apply only to the test sample(s) provided.  
 We believe the above test to be reliable and correct. Inaccuracies or errors, if they occur, will be corrected free of charge.  
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