



Westmoreland Mechanical Testing & Research, Inc.

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WMTR is a technical leader in the material testing industry.

October 18, 2005

CERTIFICATION

Section 1 of 1
WMTR Report No. 5-35979
Requisition No. 4972

Metaltek International
The Carondelet Division
8600 Commercial Blvd.
L-55 Industrial Park
Pewee, MO 63070-1528

Attention: Jim Galaske

Subject: All processes, performed upon the material as received, were conducted at WMTR, Inc. in accordance with the WMTR Quality Assurance Manual, Rev. 9, dated 4/1/2000.

The following tests were performed on this order: TENSILE

TENSILE RESULTS: ASTM E21-03a

SOAK TIME: 5 Minutes

SPEED OF TESTING: 0.0030 in./in./min., 0.0500 in./in./in.

MATERIAL: METALTEK CF8MMNMOD

DISPOSITION: Report

Specimen ID	Test Log Number	Temp. °F	UTS ksi	0.2% YS ksi	Elong %	RA %	Modulus Msi	Ult. Load lbf	0.2% YLD. lbf	Orig. Dia. (in.)	Final Dia. (in.)	4D Orig GL (in.)	4D Final GL (in.)	Orig. Area (sq. in.)	Machine Number	AIUR
3018513/78308	CS4936	-320	184.9	123.7	33	33	32.8	18470	12350	0.3566	0.2926	1.40	1.86	0.09987403	M9	R

AIUR: A=ACCEPTABLE, U=UNACCEPTABLE, R=REPORT

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Testing Specialists for Aerospace, Automotive, and Material Testing Fields

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[Signature]
Roy E. Starnatt Wojton
Technical Services Manager Tensile Supervisor

October 18, 2005

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