

Westmoreland Mechanical Testing & Research, Inc.
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Youngstown, Pa. 15696-0388 U.S.A.
Telephone: 724-537-3131 Fax: 724-537-3151
Website: www.wmtr.com
WMTR is a technical leader in the material testing industry.

October 18, 2005

MetalTek International
The Carondelet Division
8600 Commercial Blvd.
I-55 Industrial Park
Pevely, MO 63070-1528

Attention: Jim Galaske

Subject:

All processes, performed upon the material as received, were conducted at WMT&R, Inc. in accordance with the WMT&R Quality Assurance Manual, Rev. 9, dated 4/1/2000.
The following tests were performed on this order: TENSILE

TENSILE RESULTS: ASTM E21-05

SOAK TIME: 5 Minutes

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

MATERIAL: METALTEK CF8MNNMOD

| 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 |
|-------------|-----------------|----------|---------|-------------|---------|------|-------------|---------------|---------------|------------------|------------------|------------------|-------------------|----------------------|----------------|------|
| C5-Z1 | C54933 | -320 | 182.5 | 112.6 | 31 | 28 | 33.0 | 18350 | 11320 | 0.3578 | 0.3039 | 1.40 | 1.83 | 0.10054733 | M9 | R |
| C5-Z2 | C54934 | -320 | 166.1 | 98.3 | 52 | 52 | 31.8 | 16740 | 9903 | 0.3582 | 0.2471 | 1.40 | 2.13 | 0.10077227 | M9 | R |
| C5-Z3 | C54935 | -320 | 163.7 | 95.5 | 59 | 58 | 28.0 | 16490 | 9622 | 0.3581 | 0.2316 | 1.40 | 2.23 | 0.10071601 | M9 | R |

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

DISPOSITION: Report

KNOWINGLY OR WILLFULLY FALSIFYING OR CONCEALING A MATERIAL FACT ON THIS FORM OR MAKING FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR REPRESENTATIONS HEREIN COULD CONSTITUTE A FELONY PUNISHABLE UNDER FEDERAL STATUTES. THIS CERTIFICATE OR REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF WMTR, INC.

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Locations in Youngstown, PA U.S.A. ~ Tel. (724) 537-3131 and
Banbury U.K. ~ Tel. +44 (0) 1295 261211

Matthew J. Wooten
Roy E. Starr Wooten
Technical Services Manager
November 18, 2005

7A



Accredited
Nadcap
Materials Testing Laboratory

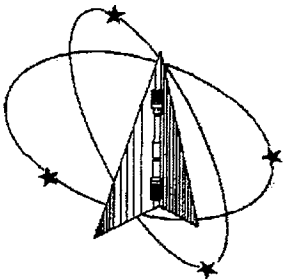
621-01 & 621-02

Section 1 of 1

WMT&R Report No. 5-35978
Requisition No. 4972

Corrected Date
November 18, 2005

Test 1



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Pevely, MO 63070-1528

CERTIFICATION

Attention: Jim Galaske

Subject:

All processes, performed upon the material as received, were conducted at WMT&R, Inc. in accordance with the WMT&R Quality Assurance Manual; Rev. 9, dated 4/1/2000.
The following tests were performed on this order: TENSILE

TENSILE RESULTS: ASTM E21-05

Requirements: UTS Ksi (Min 95Max ---) 0.2% YS Ksi (Min 72Max ---) 4D Elong. % (Min 32Max ---) Modulus Msi (Min 21Max ---)
SOAK TIME: 5 Minutes

SPEED OF TESTING: 0.003 in./in./min., 0.05 in./min./in.

MATERIAL: Metaltek CF8MNMnMOD

| 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 | AUUR |
|-------------|-----------------|----------|---------|-------------|---------|------|-------------|---------------|---------------|------------------|------------------|------------------|-------------------|----------------------|----------------|------|
| C5-Z2 | C67051 | -320 | 172.3 | 102.5 | 41 | 32 | 28.2 | 16630 | 9893 | 0.3506 | 0.2885 | 1.40 | 1.98 | 0.09654142 | M9 | A |
| C5-Z3 | C67052 | -320 | 163.5 | 95.0 | 64 | 67 | 25.9 | 15830 | 9200 | 0.3511 | 0.2006 | 1.40 | 2.30 | 0.09681698 | M9 | A |

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

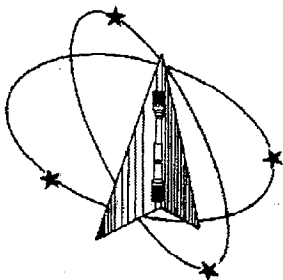
DISPOSITION: Acceptable

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Roy E. SlattMatt Wojton
Technical Services Manager Tensile Supervisor

November 21, 2005

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 Materials Testing Laboratory

621-01 & 621-02

November 21, 2005

CERTIFICATION

Section 2 of 2

MetalTek International

WMT&R Report No. 5-39106
 P.O. No. 19386

TENSILE RESULTS: ASTM E21-05

Requirements: UTS ksi (Min 95Max ---) 0.2% YS ksi (Min 72Max ---) 4D Elong. % (Min 32Max ---) Modulus Msi (Min 21Max ---)

SOAK TIME: 5 Minutes

SPEED OF TESTING: 0.003 in./in./min., 0.05 in./min./in.

MATERIAL: Metaltek CF8MNMnMOD

| Specimen ID | Temp. °F | UTS ksi | 0.2% YS ksi | Elong % | FRA % | Modulus Msi | Codes | Fult. 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 | DISPOSITION |
|-------------|----------|---------|-------------|---------|-------|-------------|-------|-----------------|---------------|------------------|------------------|-------------------|-------------------|----------------------|----------------|--------------|
| G5-Z1 | -320 | 177.4 | 111.2 | 29 | 28 | 34.5 | D | 17120 | 10730 | 0.3505 | 0.2892 | 1.40 | 1.81 | 0.08648636 | M9 | Unacceptable |

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Requirements provided by MetalTek International

Reference: Tensile Results Reported on WMT&R Report 5-37644 and Hardness, Microstructure Results on WMT&R Report 5-39107

D - Failed outside middle half of gage length.

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[Signature]
 Roy E. Starnaitz
 Technical Services Manager / Tensile Supervisor

November 21, 2005

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