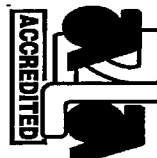


Westmoreland Mechanical Testing & Research, Inc.

P.O. Box 388
Westmoreland Drive
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.



May 8, 2006

CERTIFICATION

MetallTek International
The Carondelet Division
8600 Commercial Blvd.
L-55 Industrial Park
Pevely, 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 E21-05

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./in./in.

MATERIAL: Metalek CF8MMNM MOD

Coil No.	Specimen	Testlog 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
B3	Z1 (R1)	D48509	-320	178.5	108.6	49	39	29.1	17160	10440	0.3499	0.2734	1.40	2.09	0.09615630	M9	A
B3	Z2 (R1)	D48510	-320	188.8	115.0	50	34	31.4	18230	11100	0.3506	0.2858	1.40	2.10	0.09654142	M9	A
B3	Z3 (R1)	D48511	-320	181.9	112.8	45	42	31.7	17530	10870	0.3503	0.2865	1.40	2.03	0.09637628	M9	A

DISPOSITION: Acceptable

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

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./in./in.

MATERIAL: Metalek CF8MMNM MOD

Coil No.	Specimen	Testlog 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
B3	Z1	D43548	-320	154.2	108.1	20	30	31.5	15440	10820	0.3570	0.2991	1.40	1.68	0.10009821	M9	U
B3	Z2	D43549	-320	167.0	110.8	21	25	30.7	16700	11080	0.3568	0.3090	1.40	1.70	0.09998609	M9	U

DISPOSITION: Unacceptable

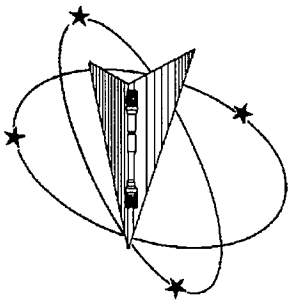
AIUR: A=ACCEPTABLE, U=UNACCEPTABLE, R=REPORT

Technical Services Manager

May 8, 2006

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



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Website: www.wmtr.com
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May 8, 2006

MetalTek International

CERTIFICATION

Section 2 of 2
WMT&R Report No. 6-27398
P.O. No. 19386

DISPOSITION: Unacceptable

Coil No.	Specimen	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
B3	Z3	D43550	-320	169.1	112.2	24	26	32.0	16910	11220	0.3568	0.3067	1.40	1.73	0.09998609	M9	U

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

Requirements provided by MetalTek International

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Banbury U.K. ~ Tel. +44 (0) 1295 261211

Matt Wojcik
Roy E. Starratt Wojcik
Technical Services Manager / Tensile Supervisor

May 8, 2006

5-8-06

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 Chemical, Metallurgical, Mechanical, Nondestructive, Environmental Testing, Analyses and Field Service.

METALTEK INTERNATIONAL
 8600 Commercial Blvd.
 Pevely, MO 63070

April 3, 2006
 Lab No. 06P-1080
 P.O. No. 21324
 Page 1 of 3

Attention: CHUCK RUUD

REPORT OF MECHANICAL TESTS

SAMPLE ID: SAMPLES FROM B3 COIL- Z1, Z2, Z3

Sample ID	Original Area Sq. Inches	Reduced Area Sq. Inches	Reduction in Area %	Modulus of Elasticity	Yield Strength PSI	Tensile Strength PSI	Elongation (2.0" Gage Length)	
							in.	%
Z1	0.1924	0.1269	34.0	23.5	43300	86000	0.84	42.0
Z2	0.1924	0.1195	37.9	22.2	41800	85200	0.83	41.5
Z3	0.1964	0.1244	36.6	23.1	42100	85600	0.84	42.0

Round, reduced section tensiles

Yield taken at .2% offset

Room Temperature Char

Tested in accordance with ASTM A 370-03a

Identification of tested specimens provided by the client.

KS/tlv


 Karl Schmitz, Director
 Materials Testing



Certificate No. 0397-01
 Certificate No. 0397-02

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 8600 Commercial Blvd.
 Pevely, MO 63070

April 3, 2006
 Lab No. 06P-1080
 P.O. No. 21324
 Page 2 of 3

Attention: CHUCK RUUD

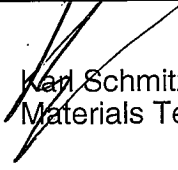
REPORT OF CHARPY IMPACT TEST

MATERIAL (SAMPLE ID): B3 COIL- Z1, Z2, Z3
SPECIFICATION: ASTM A 370-03a
SPECIMEN TYPE: "A" Vee Notch
SPECIMEN SIZE: 10 mm x 10 mm
TEMPERATURE OF TEST: 77°K
REQUIREMENTS: 35 ft / lbs

RESULTS:

SAMPLE ID	FOOT LBS.	LATERAL EXPANSION	% SHEAR
Z1-4	73	0.038	20
Z1-5	74	0.038	20
Z1-6	70	0.040	20
Average	72	0.039	20
SAMPLE ID	FOOT LBS.	LATERAL EXPANSION	% SHEAR
Z2-4	60	0.035	20
Z2-5	65	0.045	20
Z2-6	64	0.037	20
Average	63	0.039	20
SAMPLE ID	FOOT LBS.	LATERAL EXPANSION	% SHEAR
Z3-4	51	0.030	10
Z3-5	56	0.037	10
Z3-6	55	0.035	20
Average	54	0.034	13

Identification of tested specimens provided by client.


 Karl Schmitz, Director
 Materials Testing



Certificate No. 0397-01
 Certificate No. 0397-02

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Chemical, Metallurgical, Mechanical, Nondestructive, Environmental Testing, Analyses and Field Service.

METALTEK INTERNATIONAL
 8600 Commercial Blvd.
 Pevely, MO 63070

April 3, 2006
 Lab No. 06P-1080
 P.O. No. 21324
 Page 3 of 3

Attention: CHUCK RUUD

REPORT OF CHARPY IMPACT TEST

MATERIAL (SAMPLE ID): B3 COIL- Z1, Z2, Z3

SPECIFICATION: ASTM A 370-03a

SPECIMEN TYPE: "A" Vee Notch

SPECIMEN SIZE: 10 mm x 10 mm

TEMPERATURE OF TEST: 293°K

REQUIREMENTS: 50 ft / lbs

RESULTS:

SAMPLE ID	FOOT LBS.	LATERAL EXPANSION	% SHEAR
Z1-7	114	0.069	30
Z1-8	106	0.053	20
Z1-9	118	0.075	30
Average	113	0.066	27
SAMPLE ID	FOOT LBS.	LATERAL EXPANSION	% SHEAR
Z2-7	115	0.087	20
Z2-8	105	0.067	20
Z2-9	110	0.096	30
Average	110	0.083	23
SAMPLE ID	FOOT LBS.	LATERAL EXPANSION	% SHEAR
Z3-7	108	0.082	30
Z3-8	115	0.094	30
Z3-9	102	0.079	20
Average	108	0.085	27

Identification of tested specimens provided by client.

*Karl Schmitz, Director
 Materials Testing*



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 Certificate No. 0397-02

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PRODUCT CONFORMANCE REPORT



Product
Class.

LNM 4455
EN 12072-99 G 20 16 3 Mn L

Size(s) mm
Lot/Batch
Item No.

1,2
3018513/78303
692129

Customer

EUROWELD
MOORESVILLE N.C. 28117
UNITED STATES

Quantity
Customer ref.
LSW Order No.

105,0 KG
P.O. 05-46
SD427896

Chemical analysis (%)

EN10204 2.2

C	Si	Mn	P	S	Cr	Ni	Mo	Cu	N
0,01	0,5	7,3	0,015	0,001	20,3	15,4	2,9	0,1	0,19

Mechanical tests, all weld metal Tensile testing

EN10204 2.2

Impact testing

Cond.	Temp. °C	Rp0.2 N/mm2	Rm N/mm2	A5 %	Cond.	Temp.1 °C	Av1 J
AW	RT	407	623	41	AW	-196	67

Additional information Other tests

EN10204 2.2

Remarks

Impact testing (individual values): 70J - 65J - 67J.

The product identified above has been manufactured, tested and supplied in compliance with a Quality Assurance Programme that fulfils the requirements of EN 29000/ISO 9000/BS 5750 or similar standard.

We herewith certify that the product complies with the above-mentioned standards.
Certified ISO 9001:2000.

Company

Lincoln Smitweld B.V.

Registered Office

Nieuwe Dukenburgseweg 20
6534 AD NIJMEGEN

Post address

P.O. Box 253
6500 AG Nijmegen

Issued by

P. Nagels

Telephone

31 24 352291

Function

QA Administrator 22/03/2005

Fax:

31 24 3522200

Date

Cert.No.

3018513/7830

2810 Clark Avenue • St. Louis, MO 63103-2574 • (314) 531-8080 • FAX (314) 531-8085
Chemical, Metallurgical, Mechanical, Nondestructive, Environmental Testing, Analyses and Field Service.

METALTEK INTERNATIONAL
8600 Commercial Blvd.
Pevely, MO 63070

August 16, 2005
Lab No. 05P-2532
P.O. No. 21324
Page 1 of 2

Attention: Chuck Ruud

REPORT OF CHARPY IMPACT TEST

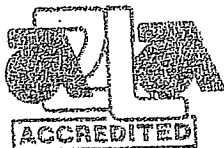
MATERIAL (SAMPLE ID): LNM 4455, LINCOLN LOT 3018513/78308
SPECIFICATION: ASTM A 370-03a
SPECIMEN TYPE: "A" Vee Notch
SPECIMEN SIZE: 10 mm x 10 mm
TEMPERATURE OF TEST: 293°K

BASE METAL	FOOT LBS.	LATERAL EXPANSION	% SHEAR
LNM4455-7	104	0.085	100
LNM4455-8	106	0.093	100
LNM4455-9	99	0.084	100
Average	103	0.087	100

Identification of tested specimen provided by client.

Karl Schmitz
Karl Schmitz, Director
Materials Testing

KS/tlv



Certificate No. 0397-01
Certificate No. 0397-02

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METALTEK INTERNATIONAL
8600 Commercial Blvd.
Pevely, MO 63070

August 16, 2005
Lab No. 05P-2532
P.O. No. 21324
Page 2 of 2

Attention: **CHUCK RUUD**

REPORT OF MECHANICAL TESTS

SAMPLE ID: LNM 4455, LINCOLN LOT 3018513/78308

Sample ID	Original Area	Reduced Area	Reduction in Area %	Yield Strength PSI	Tensile Strength PSI	Elongation (2.0" Gage Length)		Modules of Elasticity
	Sq. Inches	Sq. Inches				in.	%	
LNM4455	0.1932	0.0866	55.2	65200	95200	0.76	38.0	23.4

Round, reduced section tensiles

Yield taken at .2% offset

Tested in accordance with ASTM A 370-03a

Identification of tested specimens provided by the client.

KS/tlv

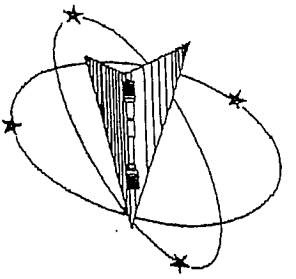

Karl Schmitz, Director
Materials Testing



Certificate No. 0397-01
Certificate No. 0397-02

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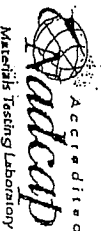
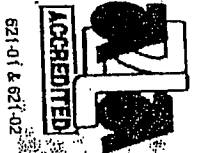




October 18, 2005

Westmoreland Mechanical Testing & Research, Inc.
P.O. Box 388
Westmoreland Drive
Youngstown, Pa. 15696-0388 U.S.A.
Telephone: 724-537-3131 Fax: 724-537-3151
Website: www.wmtar.com
WMT&R is a technical leader in the material testing industry.

Section 1 of 1
WMT&R Report No. 5-35979
Requisition No. 4972



MetalTek International
The Camdelt Division
8600 Commercial Blvd.
1-55 Industrial Park
Pewee, 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 E21-03a

SOAK TIME: 5 Minutes

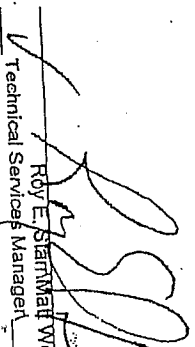
SPEED OF TESTING: 0.0030 in./in./min., 0.0500 in./in./min.

MATERIAL: METALTEK CF8MNMNM

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	Machine R
3018513/78308	CS4936	-320	184.9	128.7	33	33	32.8	18470	12350	0.3566	0.2926	1.40	1.86	0.09987403	M9	R

DISPOSITION: Report
A=ACCEPTABLE, U=UNACCEPTABLE, R=REPORT

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Roy E. Stamm
Technical Services Manager
Tensile Supervisor

October 18, 2005

10-18-05

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METALTEK INTERNATIONAL
8600 Commercial Blvd.
Pevely, MO 63070

October 5, 2005
Lab No. 05P-3096
P.O. No. 21324
Page 1 of 1

Attention: Chuck Ruud

REPORT OF CHARPY IMPACT TEST

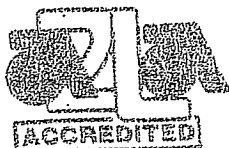
MATERIAL (SAMPLE ID): WELD PLATE- 3018513 / 78308
SPECIFICATION: ASTM A 370-03a
SPECIMEN TYPE: "A" Vee Notch
SPECIMEN SIZE: 10 mm x 10 mm
TEMPERATURE OF TEST: -320°F
REQUIREMENTS: minimum 35 ft / lbs.

BASE METAL	FOOT LBS.	LATERAL EXPANSION	% SHEAR
3018513/78308-1	48	0.033	50
3018513/78308-2	65	0.045	50
3018513/78308-3	48	0.033	50
Average	54	0.037	50

Identification of tested specimen provided by client.

KS/tlv


Karl Schmitz, Director
Materials Testing



Certificate No. 0397-01
Certificate No. 0397-02

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