



Carondelet Division

8600 Commercial Blvd. - Pevely, MO 63070 USA
Phone: 636-479-4499 - Fax: 636-479-3399

Material Test Report

ENERGY INDUSTRIES OF OHIO

Purchase Order Number S005242-F CHG ORD 1

Cert Number S82720-7

Pattern Number SE141-141 SHORT

Pour Date 5/17/2006

CAF Metal Designation CF8MNMnMod

Number of Pieces 9

Material Spec CF8MNMN MOD

Element	Min	Actual	Max
C	0.040	0.040	0.070
CR	18.000	18.100	18.500
MN	2.300	2.570	2.800
MO	2.100	2.170	2.500
N	0.240	0.280	0.280
NI	13.000	13.380	13.500
P	0.000	0.020	0.035
S	0.000	0.010	0.025
SI	0.000	0.210	0.700

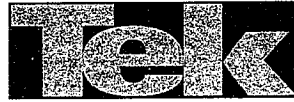
The certificate is produced with EDP and valid without signature.

A handwritten signature in black ink, appearing to read "CAR", is positioned above the printed name of the Quality Assurance Manager.

Respectfully Submitted,
Charles A. Ruud
Quality Assurance Manager

Superior Quality Engineered Metal Products

www.MetalTekInt.Com



Carondelet Division

8600 Commercial Blvd. - Pevely, MO 63070 USA
Phone: 636-479-4499 - Fax: 636-479-3399

Certificate of Conformance

ENERGY INDUSTRIES OF OHIO

Order Number S005242-F CHG ORD 1

Pattern SE141-141 SHORT

ASTM Metal CF8MNMN MOD

Date 6/1/2006

Cert Number

S82720-7

A handwritten signature in black ink, appearing to read "CAR", likely representing Charles A. Ruud.

We certify that we have complied in accordance with the drawings(s) and specifications(s) listed on the above purchase order. The articles furnished were made and/or processed from parts and/or materials in accordance with all applicable drawings(s) and specifications(s) pursuant to the afore mention purchase order.

Respectfully Submitted,
Charles A. Ruud
Quality Assurance Manager

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Final Inspection Report

Customer Name: ENERGY
INDUSTRIES OF
OHIO

Pattern: SE141-141 SHORT

Order Number: S005242-F CHG ORD 1

ASTM Metal CF8MNMN MOD

Date 6/1/2006

Type Description	Cert Number	Procedure	Acceptance Criteria	Actual
Liquid Penetrant	S82720-7	CQP - 300	ASTM A903 Level II	Acceptable
Mag Perm	S82720-7	SOP Mag Perm 100 Rev 1	<1.02	Acceptable
Visual	S82720-7	CQP - 500	ASTM 802 Level 2	Acceptable

A handwritten signature in black ink, appearing to read "CAR", is positioned above the printed name and title.

Respectfully Submitted,
Charles A. Ruud
Quality Assurance Manager

Superior Quality Engineered Metal Products

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Material Test Report

ENERGY INDUSTRIES OF OHIO

Purchase Order Number 5005242-FCGORD-1

Cert Number S82720-8

Pattern Number SE141-141 SHORT

Pour Date 5/22/2006

CAF Metal Designation CF8MNMnMod

Number of Pieces 9

Material Spec CF8MNMN MOD

Element	Min	Actual	Max
C	0.040	0.050	0.070
CR	18.000	18.100	18.500
MN	2.300	2.510	2.800
MO	2.100	2.240	2.500
N	0.240	0.260	0.280
NI	13.000	13.390	13.500
P	0.000	0.020	0.035
S	0.000	0.010	0.025
SI	0.000	0.190	0.700

The certificate is produced with EDP and valid without signature.

A handwritten signature in black ink, appearing to read "CAR", is positioned above the printed name of the Quality Assurance Manager.

Respectfully Submitted,
Charles A. Ruud
Quality Assurance Manager

Superior Quality Engineered Metal Products

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Certificate of Conformance

ENERGY INDUSTRIES OF OHIO

Order Number 5005242-FCGORD-1

Pattern SE141-141 SHORT

ASTM Metal CF8MNMN MOD

Date 6/1/2006

Cert Number

S82720-8

A handwritten signature in black ink, appearing to read "C. Ruud".

We certify that we have complied in accordance with the drawings(s) and specifications(s) listed on the above purchase order. The articles furnished were made and/or processed from parts and/or materials in accordance with all applicable drawings(s) and specifications(s) pursuant to the afore mention purchase order.

Respectfully Submitted,
Charles A. Ruud
Quality Assurance Manager

Superior Quality Engineered Metal Products

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Phone: 636-479-4499 - Fax: 636-479-3399

Final Inspection Report

Customer Name: ENERGY
INDUSTRIES OF
OHIO

Pattern: SE141-141 SHORT

Order Number: 5005242-FCGORD-1

ASTM Metal CF8MNMN MOD

Date 6/1/2006

Type Description	Cert Number	Procedure	Acceptance Criteria	Actual
Liquid Penetrant	S82720-8	CQP - 300	ASTM A903 Level II	Acceptable
Mag Perm	S82720-8	SOP Mag Perm 100 Rev 1	<1.02	Acceptable
Visual	S82720-8	CQP - 500	ASTM 802 Level 2	Acceptable

A handwritten signature in black ink, appearing to read "C. Ruud", is positioned above the printed name of the Quality Assurance Manager.

Respectfully Submitted,
Charles A. Ruud
Quality Assurance Manager

Superior Quality Engineered Metal Products

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MetalTek International – Carondelet Division
SE 141-141 SHORT INSPECTION REPORT
Revision: Org Dated Issued: 3-25-06 PAGE 2 of 2

Cert #	RT #/Y	Visual Ins.	LP Ins	Mag Perm	Comments
582720-7	125	KA			
-8	128	KA	RSL	RSL	
-8	122	KA	RSL	RSL	
-8	115	KA	RSL	RSL	
-8	131	KA	RSL	RSL	
-8	121	KA	RSL	RSL	
-8	129	KA	RSL	RSL	
-8	114	KA	RSL	RSL	
-8	123	KA	RSL	RSL	
-8	127	KA	RSL	RSL	
-7	124	KA	RSL	RSL	
-7	119	RSL	RSL	RSL	
-7	130	RSL	RSL	RSL	
-7	120	RSL	RSL	RSL	
-7	126	RSL	RSL	RSL	
-7	132	RSL	RSL	RSL	
-7	118	RSL	RSL	RSL	
-7	125	RSL	RSL	RSL	

Layout First Article Report approved: CA Date: 6/2/06
Sample layout for balance of parts approved: RSL Date: 5/31/06

Inspection procedure

Acceptance criteria

FINAL VISUAL INSPECTION CQP-500 REV 4 MUST BE PERFORMED BY A VT - LEVEL II	VISUALLY INSPECT 100% of COMPONENT ACCORDING TO ASTM A802 LEVEL 2 ALL CONDITIONS.
FINAL L.P. CQP 0300 REV 10 MUST BE PERFORMED BY A LP - LEVEL II	100% OF COMPONENT. ACCEPTANCE PER ASTM A903. ACCEPTANCE CRITERIA-LEVEL 2 ALL AREAS. STAMP PART WITH A "P" TO INDICATE ACCEPTANCE OF VISUAL AND LP INSPECTION.
FINAL MAG PERM INSPECTION SOP MAG PERM 100, REV 1	PERFORM MAG PERM TESTING WITH SEVRIN GAUGE. ACCEPTANCE 1.02. CHECK THE ENTIRE SURFACE ON A 6"BY6" GRID. STAMP PART WITH A "G" TO INDICATE ACCEPTANCE OF MAG PERM INSPECTION.

MetalTek

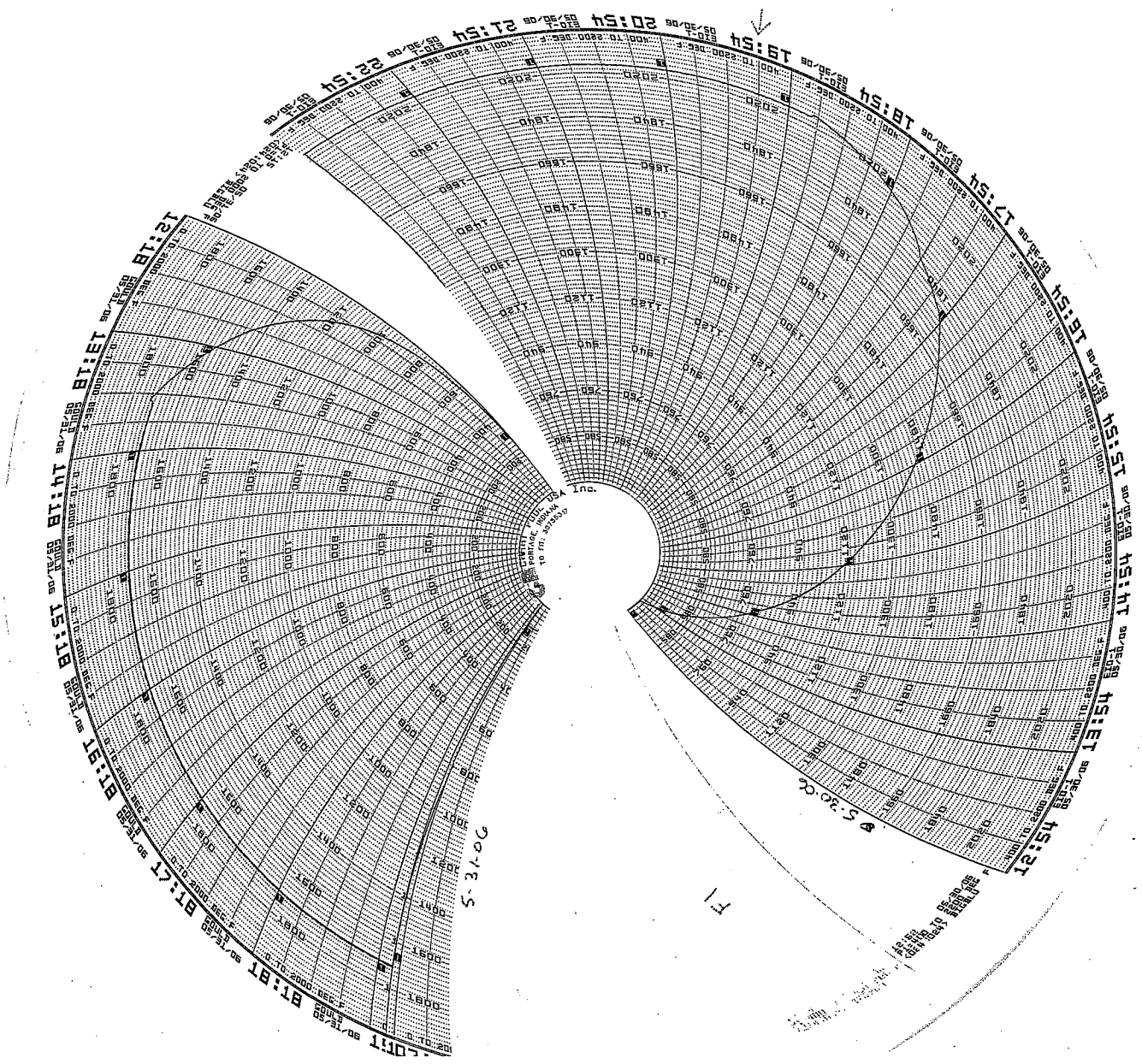
INTERNATIONAL

RADIOGRAPHIC INTERPRETATION REPORT

CUSTOMER EIO		PURCHASE ORDER NUMBER 5005242-F CHG-ORD 1				DATE 5-31-06		CONTROL NO. 43465		PAGE 1 of 2		
PART NO. SE-141-141 Short		SPECIFICATION E446		CLASS See spec		TOTAL PIECES 22		PIECES ACCEPTED 22				
RADIOGRAPHED BY: Midgett				INTERPRETED BY: Midgett				ASNT LEVEL II				
FILM TYPE 80		MATERIAL CF8MMN Mon		ISOTOPE IRIDIUM 192 COBALT 60 ✓				CODE ASTM E94 ✓ ASME MIL-STD-453				
		V I E W	P E N E	A C C E P T	R E J E C T	S H R I N K	I N C L U S I O N	P O R O S I T Y	L I N E A R	S U R F A C E	L O F / L O P	COMMENTS
MS82720												
RT-113		A	25	/						/		
114				/								
115				/								
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130				/								
131				/								
132		✓	✓	/						✓		

RADIOGRAPHIC INTERPRETATION REPORT

FORM CC034



E10 5-30-06
SE 141-141 SHORT
S82720-7 980,
S82720-8 980,
SE 141-142-LOUG
S82730-7 480.
S82730-8 480