



## 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

Pattern Number SE 141-142 LONG

CAF Metal Designation CF8MNMnMod

Material Spec CF8MNMN MOD

Cert Number S82730-3

Pour Date 4/5/2006

Number of Pieces 2

Element	Min	Actual	Max
C	0.040	0.040	0.070
CR	18.000	18.180	18.500
MN	2.300	2.370	2.800
MO	2.100	2.210	2.500
N	0.240	0.250	0.280
NI	13.000	13.080	13.500
P	0.000	0.010	0.035
S	0.000	0.010	0.025
SI	0.000	0.160	0.700

The certificate is produced with EDP and valid without signature.

Respectfully Submitted,  
Charles A. Ruud  
Quality Assurance Manager

Superior Quality Engineered Metal Products

[www.MetalTekInt.Com](http://www.MetalTekInt.Com)



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### Certificate of Conformance

ENERGY INDUSTRIES OF OHIO

Order Number S005242-F CHG ORD 1

Pattern SE 141-142 LONG

ASTM Metal CF8MNMN MOD

Date 4/13/2006

Cert Number

S82730-3

A handwritten signature in black ink, appearing to be "CAR" or similar, located in the lower right quadrant of the page.

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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## Final Inspection Report

Customer Name: ENERGY  
INDUSTRIES OF  
OHIO

Pattern: SE 141-142 LONG

Order Number: S005242-F CHG ORD 1

ASTM Metal CF8MNMN MOD

Date 4/13/2006

Type Description	Cert Number	Procedure	Acceptance Criteria	Actual
Visual	S82730-3	CQP - 500	ASTM 802 Level 2	Acceptable
Liquid Penetrant	S82730-3	CQP - 300	ASTM A903 Level II	Acceptable
Mag Perm	S82730-3	SOP Mag Perm 100 Rev 1	<1.02	Acceptable

A handwritten signature in black ink, appearing to read "CAR" followed by a stylized flourish.

Respectfully Submitted,  
Charles A. Ruud  
Quality Assurance Manager

**Superior Quality Engineered Metal Products**

www.MetalTekInt.Com

## MetalTek International – Carondelet Division

# SE 141-142 LONG INSPECTION REPORT

**Revision: Org      Dated Issued:3-25-06**

[illegible]

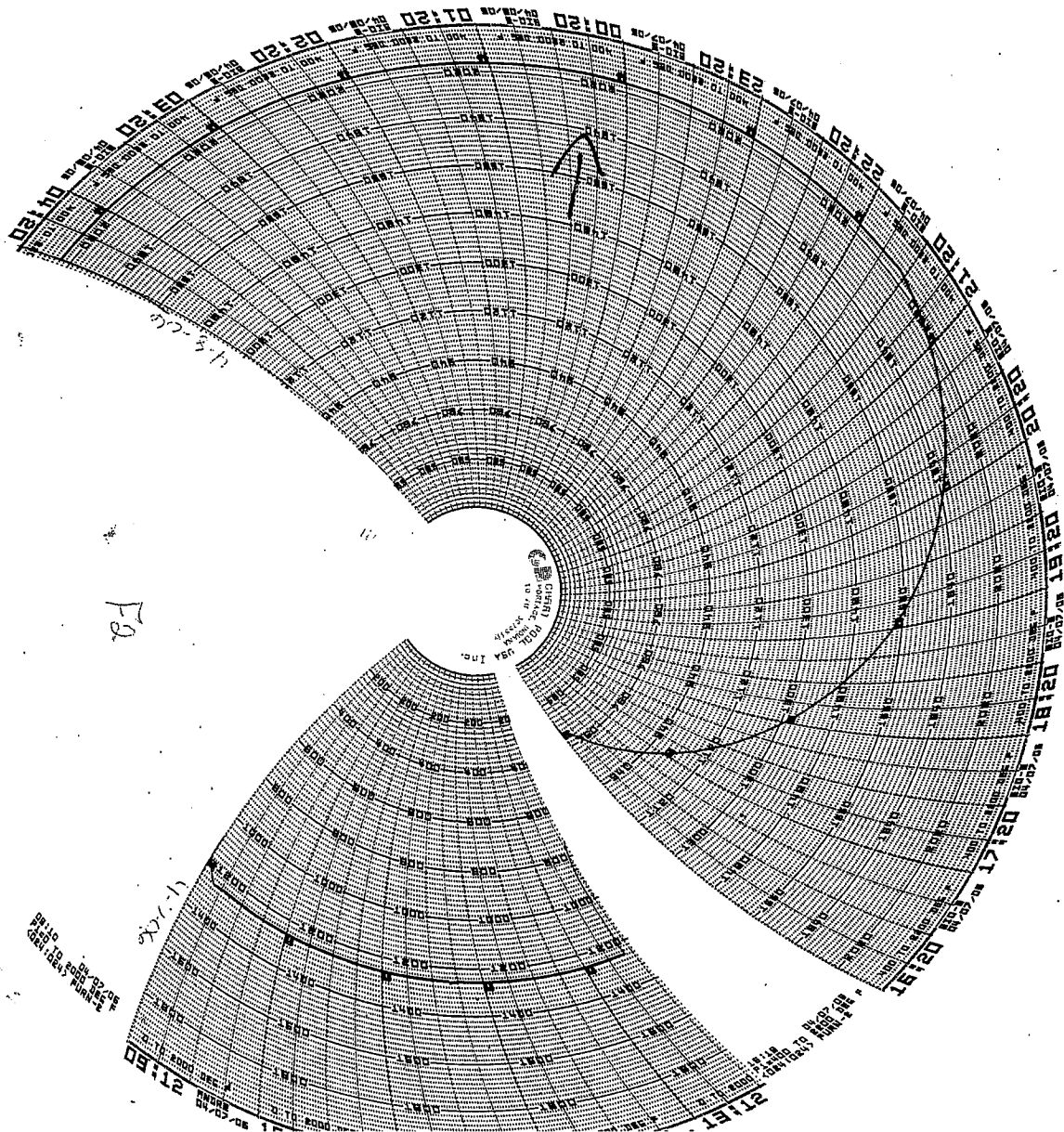
Layout First Article Report approved: July 2 Date: 4/11/06

Sample layout for balance of parts approved: 204 2 Date: 4-11-06

## 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.



E10 4.4-06  
 SE 141-142 LONG  
 S82730-3 2RD.  
 SE 141-141 SHORT  
 S82720-3 4RD.

## RADIOGRAPHIC INTERPRETATION REPORT

FORM CC034