



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 PPPL-FP-LTS-2

Heat Number 31455

Pour Date 11/2/2005

Pattern Number SE-141-058 COIL B SHIM Cert Number 177360-1

CAF Metal Designation CF8MNMnMod S/N 4

Material Spec CF8MNMN MOD

Element	Min	Actual	Max
C	0.04	0.04	0.07
MN	2.3	2.8	2.8
SI	0.0	0.3	0.7
CR	18.0	18.3	18.5
NI	13.0	13.4	13.5
MO	2.1	2.2	2.5
P	0.0	0.030	0.035
S	0.0	0.010	0.025
N	0.24	0.24	0.28

The certificate is produced with EDP and valid without signature.

CAH REC
Respectfully Submitted,
Charles A. Ruud
Quality Assurance Manager

Superior Quality Engineered Metal Products

www.MetalTekInt.Com



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Final Inspection Report

Customer ENERGY INDUSTRIES OF OHIO
Pattern: SE-141-058 COIL B SHIM
S/N 4

Order PPPL-FP-LTS-2

ASTM Metal CF8MNMN MOD

Date 5/25/2006

Type Description	Cert Number	Procedure	Acceptance Criteria	Actual
Liquid Penetrant	177360-1	CQP - 300 Rev 9	ASTM A903 Level II	Acceptable
Mag Perm	177360-1	SOP Mag Perm 100 Rev 1	<1.02	Acceptable
Radiographic	177360-1	Technique # 12726	MSS SP 54	Acceptable
Visual	177360-1	CQP - 500 REV 4	ASTM A802 LEVEL 2	Acceptable

Liquid Penetrant

Technician: Jim Shanahan
ASNT Level II

Visual

Technician: Kevin Anderson
ASNT Level II

CAR REC

Respectfully Submitted,
Charles A. Ruud
Quality Assurance Manager

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Certificate of Conformance

ENERGY INDUSTRIES OF OHIO

Order Number PPPL-FP-LTS-2

Pattern SE-141-058 COIL B SHIM S/N 4

ASTM CF8MNMN MOD

Date 5/25/2006

Cert Number

177360-1

A shim for B-4 coil was poured from heat number 31455. No weld repairs were necessary.

CAR REC

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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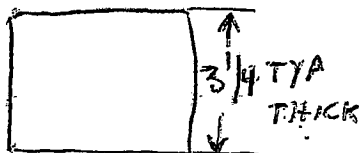
INTERNATIONAL

RADIOGRAPHIC INTERPRETATION REPORT

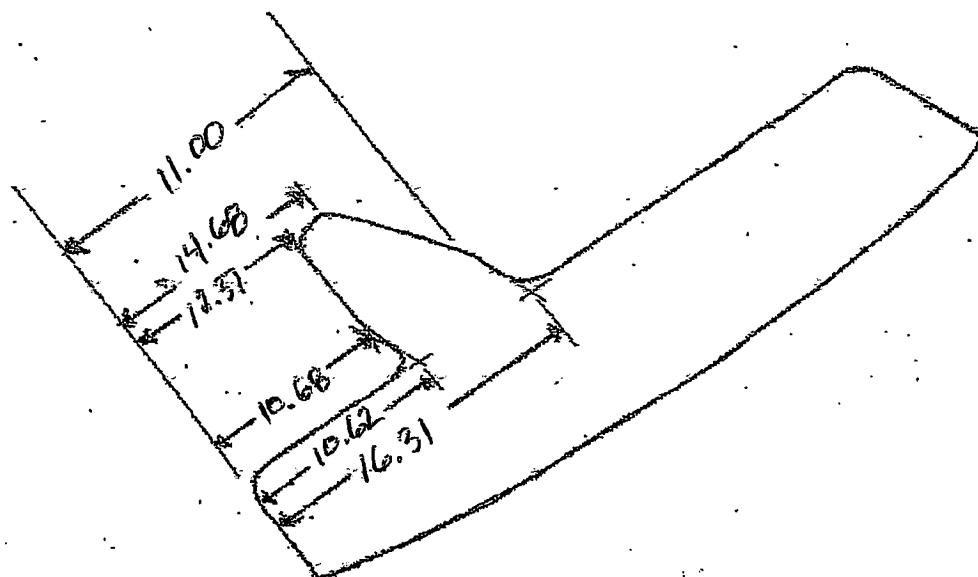
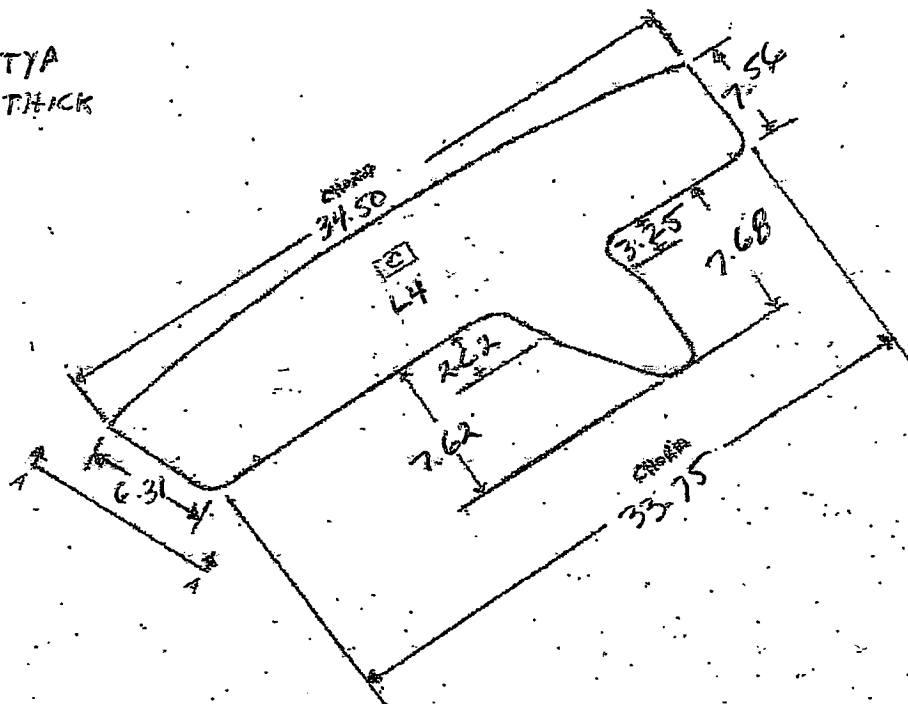
CUSTOMER E.I.D		PURCHASE ORDER NUMBER PPPL-FP-LTS-2				DATE 5-23-06		CONTROL NO. 40851		PAGE 1 of 1	
PART NO. SE-141-058 B Shim		SPECIFICATION E186		CLASS See Spec		TOTAL PIECES 1		PIECES ACCEPTED 1			
RADIOGRAPHED BY: Kelley				INTERPRETED BY: Kelley				ASNT LEVEL #			
FILM TYPE 80		MATERIAL CF8M N/A		ISOTOPE IRIDIUM 192 COBALT 60				CODE ASTM E94 ASME MIL-STD-453			
		VIEW		PENE		ACCEPT		REJECT		SHRINK	
		INCLUSION		POROSITY		LINEAR		SURFACE		LOF / LOP	
SN-4											
M177360-1											
RT.4		A		50		/		/			
		B		/		/		/			
		C		/		2		1			
		D		/						Processor Marks	

Metaltek

INTERNATIONAL

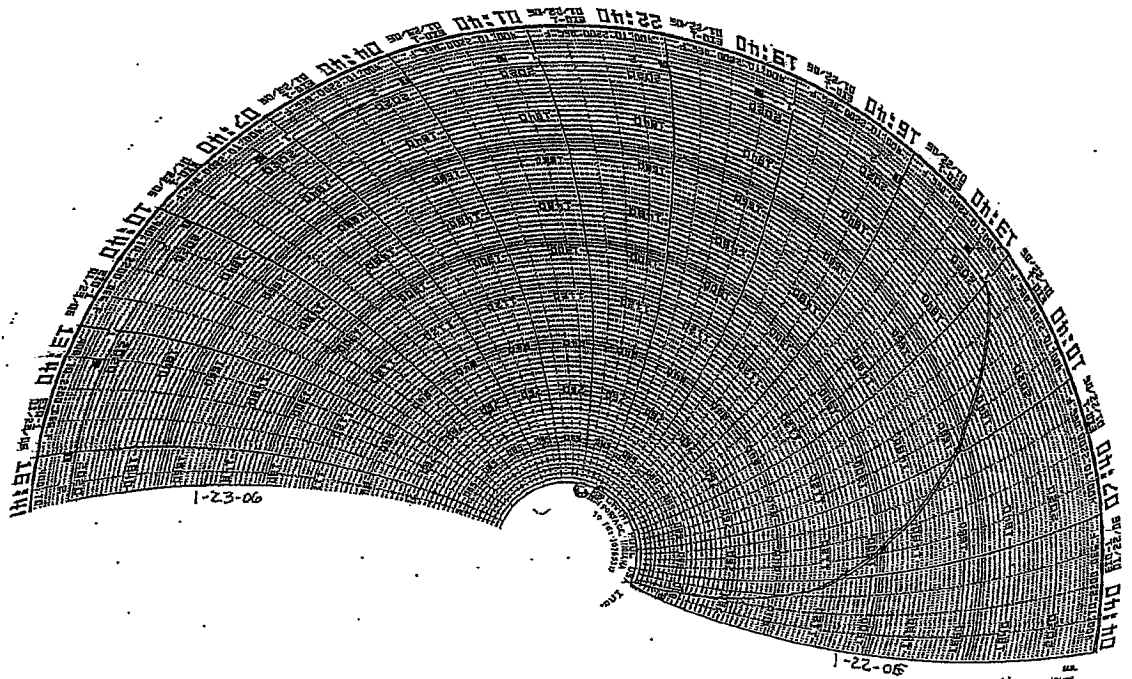


SECT A-A



SE-141- 058	CF8MNMN	B COIL SHIM	S/N-177360-1
INSPECTED BY:	[Signature]		DATE: 5-23-06

#4



95

90-22-1

E10 1-22-06

B SHIMS
147360-1 6Pb.
SERIAL #1 THRU 6