

Princeton University

Plasma Physics Laboratory
James Forrestal Campus
P.O. Box CN17
Princeton, N.J. 08543

17 July 2006


Ms. Nancy Horton
Energy Industries of Ohio
6100 Oak Tree Boulevard, Suite 200
Independence, Ohio 44131

SUBJECT: Subcontract S005242-F
Major Tool & Machine Non-Conformance Report (NCR) 20124

Dear Ms. Horton:

Attached for appropriate action is Major Tool & Machine NCR 20124 that has been dispositioned by the NCSX Project Responsible Line Manager, Brad Nelson. Corrective action by Major Tool & Machine is required before the NCR may be closed.

Regards,



Larry L. Sutton
Senior Subcontract Administrator

Attachment: MTM NC 20124

cc: M. Tyrrell
F. Malinowski
P. Heitzenroeder

Customer: ENERGY INDUSTRIES OF OHIO

Contact: NANCY HORTON
E-Mail: NKHFlowen@aol.com

Telephone: 216-496-2314
Fax: 216-328-2001

Part: SE141-114 / MODULAR COIL WINDING FORM TYPE
Drawing ID: SE141-114 Revision: 7

Customer P.O.: S005242-F/Ln:3
Serial No./Qty: A3

Reported By: MIKE GRIFFITH
E-Mail: mGriffith@MajorTool.com

Telephone: 317-636-6433
Fax: 317-634-9420

Problem: Sheet 5, Zone C7; 1.885 +/- .003" (hole 17).
Hole diameter measures 2.057" (.169" over the high limit of tolerance).

Proposed Disposition:

MTM proposes to accept the hole as is and increase the OD of the insulating bushing to compensate for the oversize condition.

Number of additional pages: None

Customer Disposition: Use As Is Rework Repair Scrap Replace

MTM is to supply a G-11 insulating bushing with an OD of 2.055 +.000 / -.002". PPPL will drill the center hole during assembly. This bushing is to be provided within 30 days of delivery of the winding form.

Accepted by:

**Phil
Heitzenroeder**

Digitally signed by Phil
Heitzenroeder
DN: cn=Phil Heitzenroeder, c=US,
o=PPPL, ou=Mech. Eng. Division
Date: 2006.07.14 14:57:10 -04'00'

**Brad
Nelson**

Digitally signed by Brad Nelson
DN: cn=Brad Nelson, c=US,
o=ORNL, ou=FED,
email=nelsonbe@ornl.gov
Date: 2006.07.17 08:17:50
-04'00'

Tech. rep.

RLM

Major Tool Implemented By: _____ **Title:** _____ **Date:** _____