

Princeton University

Plasma Physics Laboratory

James Forrestal Campus

P.O. Box CN17

Princeton, N.J. 08543

20 December 2005

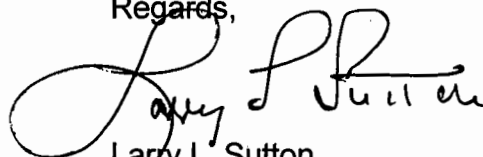
Ms. Nancy Horton
Energy Industries of Ohio
6100 Oak Tree Boulevard, Suite 200
Independence, Ohio 44131

SUBJECT: Subcontract S005242-F
Dispositioned PPPL Major Tool & Machine Non-Conformance
Reports (NCR) 18830 and 18889

Dear Ms. Horton:

Attached are NCSX dispositioned Major Tool & Machine Non-Conformance Reports 18830 (Use as is) and 18889 (Repair). The dispositions were assigned by the Princeton Technical Representative Phil Heitzenroeder and approved by the Responsible Line Manager Brad Nelson.

Regards,

A handwritten signature in black ink, appearing to read "Larry L. Sutton". The signature is fluid and cursive, with the first name "Larry" being the most prominent.

Larry L. Sutton

Senior Subcontract Administrator

Attachments

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: ER316MNNF_093_GTAW / WELD WIRE,GTAW .093 DI

Drawing ID:

Revision:

Customer P.O.: S005242-F/Ln:1
Serial No./Qty: C1

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

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

Problem: NCSX-CSPEC-141-03-10 section 3.1.1.2 table 3-4 requires Elongation percentage to be a minimum of 32% at 77K.
Actual test results for elongation are 27%.

Proposed Disposition:

Major Tool proposes that the elongation percentage be accepted as is and the specification be revised to include this elongation percentage.

Number of additional pages: _____

Customer Disposition: Use As Is Rework Repair Scrap Replace

NCSX-CSPEC-141-03-10, Sect. 3.1.1.2, Table 3-4 was revised; the min. elongation at 77 K is now specified to be 25%. This is still adequate ductility.

Tech. Rep. Approval

Phil
Heitzenroeder

Digitally signed by Phil Heitzenroeder
DN: CN = Phil Heitzenroeder, C = US,
O = PPPL, OU = Mech. Eng. Division
Reason: I agree to 'specified' portions
of this document
Date: 2005.12.15 13:00:26 -05'00'

RLM Approval:

Brad
Nelson

Digitally signed by Brad Nelson
DN: cn=Brad Nelson, c=US,
o=ORNL, ou=FED,
email=nelsonbe@ornl.gov
Date: 2005.12.15 17:01:45
-05'00'

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

Customer: ENERGY INDUSTRIES OF OHIO

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

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

Part: /
Drawing ID: SE141-116

Revision: 7

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

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

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

Problem: Reference sheet 6, section P-P. There is a tooling gouge on the top of the T approximately 10" in length. The gouge tapers from in tolerance to a depth of approximately .400" over the 10" span. See attached pictures for location.

Proposed Disposition:

RECOMMEND TO WELD REPAIR DAMAGED AREA AND REMACHINE.

Number of additional pages: 3

Customer Disposition: Use As Is Rework Repair Scrap Replace

This refers to C3. We agree with the recommended disposition to weld repair and re-machine the gouged area.

Phil
Heitzenroeder

Tech. Rep. Approval:

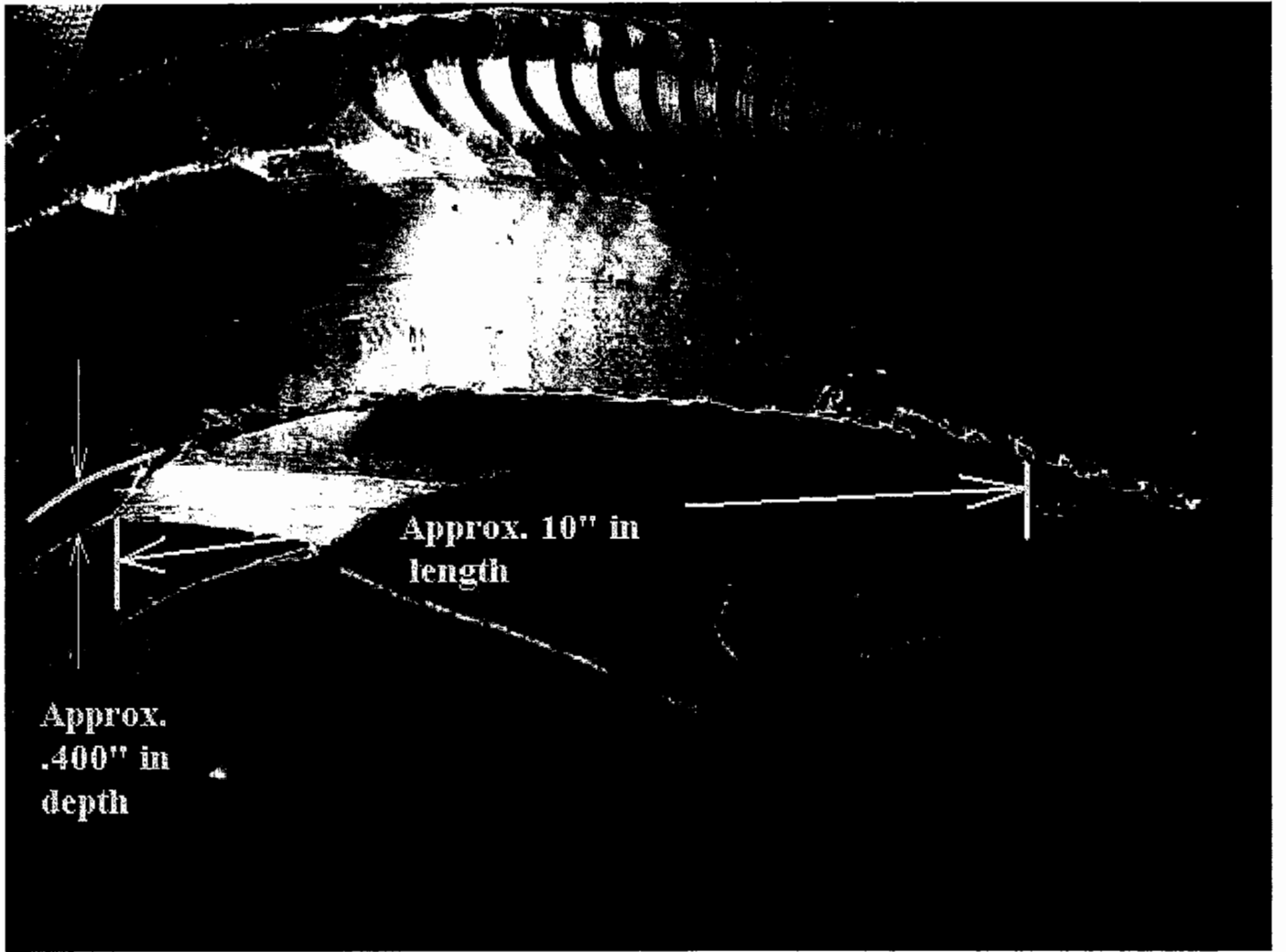
Digitally signed by Phil
Heitzenroeder
DN: CN = Phil Heitzenroeder, C =
US, O = PPPL, OU = Mech. Eng.
Division
Reason: I agree to 'specified'
portions of this document
Date: 2005.12.19 15:53:01 -05'00'

Brad
Nelson

RLM Approval:

Digitally signed by Brad Nelson
DN: cn=Brad Nelson, c=US,
o=ORNL, ou=FED,
email=nelsonbe@ornl.gov
Date: 2005.12.19 16:06:47
-05'00'

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



Approx. 10" in
length

Approx.
.400" in
depth



