

Major Tool & Machine, Inc.
1458 East 19th Street
Indianapolis, IN 46218-4289

MTM N/C: 20124
Rev. 1

Page: 1
Date: 07/26/06
User ID: GRIFFITH

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 2.0515" (.1635" over the high limit of tolerance).

Rev. 1 - 2.057" changed to 2.0515 due to measurement error.

Proposed Disposition:

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

Recommended bushing size to be 2.0495" +.000/-.002"

Number of additional pages: None

Customer Disposition: ☐ Use As Is ☒ Rework ☐ Repair ☐ Scrap ☐ Replace

Rework the bushing to 2.0495" +.000/-.002"

Approvals:

Larry Dudek

Digitally signed by Larry Dudek
DN: cn=Larry Dudek, c=US
Date: 2006.07.26 10:30:08
-04'00'

Procurement Technical Representative

Brad Nelson

Digitally signed by Brad Nelson
DN: cn=Brad Nelson, c=US, o=ORNL,
ou=FED, email=nelsonbe@ornl.gov
Date: 2006.07.26 14:08:18 -04'00'

Responsible Line Manager:

**Mike
Griffith**

Digitally signed by Mike Griffith
DN: cn=Mike Griffith, c=US, o=Major
Tool and Machine, ou=CFT - White,
email=mgriffith@majortool.com
Reason: I agree to the terms defined by
the placement of my signature on this
document
Date: 2006.08.18 15:14:52 -04'00'

Major Tool Implemented By:

Title:

Date:

n:\mtmapps\Mtnonc14.qrp

Major Tool and Machine, Inc. 1458 East 19th Street, Indianapolis, IN 46218-4289 Tel: 317-636-6433 Fax: 317-634-9420

Frank A. Malinowski

From: James H. Chrzanowski
Sent: Thursday, August 31, 2006 3:46 PM
To: Frank A. Malinowski
Subject: RE: Open NCRs - Items received from MTM

Frank

I went out and checked the remaining items on your list. The G-11 bushing for A3 was attached to the casting and I presently have it in hand. As far as the poloidal break plates and hardware, there were sufficient plates for (2) coils [C4 and C5] and enough replacement studs and nuts for coils C1 thru C5. I believe that the Type A coils have been delivered with the correct hardware and plates.

Jim

-----Original Message-----

From: Frank A. Malinowski
Sent: Wednesday, August 30, 2006 4:56 PM
To: James H. Chrzanowski
Subject: RE: Open NCRs - Items received from MTM

Well then I should thank you and hope that your average gets even better tomorrow.

Frank

--

Frank Malinowski - MS01
The DOE Princeton Plasma Physics Lab
PO Box 451
Princeton, NJ 08543-0451

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PH (609) 243-2203 FAX (609) 243-3366 <http://www.pppl.gov/>

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-----Original Message-----

From: James H. Chrzanowski
Sent: Wednesday, August 30, 2006 4:54 PM
To: Frank A. Malinowski
Subject: RE: Open NCRs - Items received from MTM

Frank

We performed a fitup check of the A1 tee bushings provided by Major Tool. They checked out fine. I haven't got to the remaining items but I'll try tomorrow. One out of three isn't too bad. In baseball that's a terrific average.

Jim

-----Original Message-----

From: Frank A. Malinowski
Sent: Monday, August 21, 2006 10:56 AM
To: James H. Chrzanowski
Subject: Open NCRs - Items received from MTM

Jim,

Just in case you didn't notice it buried in my response to Colin, I have 3 MTM NCR's being held open awaiting our acceptance of delivered parts. Those parts are: G-11 bushing for

A-3, SS Tee bushings for A-1 (Colin said Mag perm is OK), and Stellanloy bearing Plates & A286 fasteners for poloidal breaks.

I'd like to close these old NCR's if possible.

Thanks,

Frank

--

Frank Malinowski - MS01

The DOE Princeton Plasma Physics Lab

PO Box 451

Princeton, NJ 08543-0451

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-----Original Message-----

From: Frank A. Malinowski

Sent: Thursday, August 17, 2006 11:16 AM

To: Colin F. Phelps

Cc: James H. Chrzanowski; Phil Heitzenroeder

Subject: RE: A-3 Tee Hole Bushings

Thanks, Colin. I was only looking to you for the permeability. I'm waiting for Jim to let me know if the items are otherwise (dimensionally comes to mind) acceptable.

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Frank Malinowski - MS01

The DOE Princeton Plasma Physics Lab

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Princeton, NJ 08543-0451

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-----Original Message-----

From: Colin F. Phelps
Sent: Thursday, August 17, 2006 11:08 AM
To: Frank A. Malinowski
Cc: James H. Chrzanowski; Phil Heitzenroeder
Subject: RE: A-3 Tee Hole Bushings

Frank,

I checked out the silver plated stainless bushings from MTM for the A1 casting and found the permeability to be less than 1.02 Mu. I marked the outside of the Ziploc bag with the results of the permeability and gave them to Buddy to store in the test cell. I haven't done anything with the studs or bearing plates, not sure what really needs to be done to them.

Colin

-----Original Message-----

From: Frank A. Malinowski
Sent: Thursday, August 17, 2006 10:03 AM
To: Colin F. Phelps
Subject: A-3 Tee Hole Bushings

Colin,

Did you get a chance to check these and did they fail permeability as expected? They are an open item for an MTM NC and so I'm looking for Jim's acceptance (or rejection) of them.

Thanks,

Frank

--

Frank Malinowski - MS01

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