



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

MTM N/C: 19391

Page: 1  
Date: 03/10/06  
User ID: MCCORKLE

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**Customer: PRINCETON PLASMA PHYSICS LAB**

Contact: LARRY SUTTON  
E-Mail: S-04286-F

Telephone: 609-243-2441  
Fax: 609-243-2021

**Part: /**

Drawing ID: SE120-004

Revision: 2

Customer P.O.: S005243-F/Ln:1  
Serial No./Qty:

Reported By: DOUG MCCORKLE

E-Mail: dMcCorkle@MajorTool.com

Telephone: 317-636-6433

Fax: 317-634-9420

Problem: The .637 +/- .005 dimension varies around part over and undersized, .480-.9

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**Proposed Disposition:**

SUBMITTING TO PPPL.  
REFERENCE DRAWING SE121-013 ZONE G4.

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Number of additional pages: \_\_\_\_\_

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**Customer Disposition:**     Use As Is     Rework     Repair     Scrap     Replace

**Technical Contact Approval:** \_\_\_\_\_

**Title:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Buyer Approval:** \_\_\_\_\_

**Title:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Major Tool Implemented By:** \_\_\_\_\_

**Title:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Nonconformance Report: Major Tool NC19391**

This is for REFERENCE DRAWING SE121-013 ZONE G4.

**Problem:**

The .637 +/-0.005 dimension varies around part over and undersized, .480-.9

Doug McCorkle

**Project Disposition:**

Undersize condition rejected – Flange seal groove cannot be less than .62 -.005” per model. For the undersize condition, ID of seal must be ground back and seal groove filled or additional material added to flange ID to restore the .62” dimension. Oversize condition (0.9”) may be tolerated if acceptable corrective action allows seal to be welded to flange.” Please propose corrective actions for both conditions for approval.

**Approvals:**

**Mike Viola**  
Digitally signed by Mike Viola  
DN: cn=Mike Viola, c=US  
Reason: I am approving this document  
Date: 2006.04.05 14:38:57 -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: 2006.04.05 17:48:33 -04'00'

Responsible Line Manager:

**F. Malinowski**  
Digitally signed by F. Malinowski  
DN: CN = F. Malinowski, C = US, O  
= PPPL, OU = QA  
Reason: I have reviewed this document  
Date: 2006.04.05 22:13:29 -04'00'

Project Quality Assurance: