

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

MTM N/C: 19392

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

---

**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 .469 +/- .005 dimension varies around part over and undersized, .240-.432

---

**Proposed Disposition:**

SUBMITTING TO PPPL.  
REFERENCE DRAWING SE121-013, ZONE B5

---

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

---

**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 NC19392

This is for REFERENCE DRAWING SE121-013, ZONE B5

### Problem:

The .469 +/- .005 dimension varies around part over and undersized, .240-.432

Doug McCorkle

### Project Disposition:

It appears from these dimensions that the tapped holes would break through the seal groove. Fill all holes to provide a minimum 1/8" cap weld and grind flush for all flanges. Advise PPPL method of filling holes for approval prior to work. Solution must avoid virtual leaks. Inspect with 8x magnification to verify complete seal.

### Approvals:

---

Procurement Technical Representative

---

Responsible Line Manager:

---

Project Quality Assurance: