

**Nonconformance Reports:**

**Major Tool NCs:**

**17157, 17288, 17287, 17286, 17240, 17237, 17233, 17167, 17314, 17342**

**Project Disposition:**

**Substitute Trinos flanges per Contract change order #1 S5243 c-o 1 dated 6/22/2005.**

**Approvals:**

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Procurement Technical Representative

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Responsible Line Manager:

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**Customer: PRINCETON PLASMA PHYSICS LAB**

Contact: Mike Viola

E-Mail: [mviola@pppl.gov](mailto:mviola@pppl.gov)

Telephone: 609-243-3655

Fax: 609-243-3248

**Part: 401021 SPECIAL / DEL-SEAL CF HALF NIPPLE (SPECI**

Drawing ID:

Revision:

Customer P.O.: S005243-F

Serial No./Qty: 30 Pieces

Reported By: DOUG MCCORKLE

E-Mail: [dMcCorkle@MajorTool.com](mailto:dMcCorkle@MajorTool.com)

Telephone: 317-636-6433

Fax: 317-634-9420

Problem: MAGNETIC PERMEABILITY TO BE 1.02 MAX  
PARTS CHECK GREATER THAN 1.02  
PARTS CHECK UP TO 1.05

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**Proposed Disposition:**

CUSTOMER DISPOSITION REQUIRED. Propose – use as is.

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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:** \_\_\_\_\_

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**Customer: PRINCETON PLASMA PHYSICS LAB**

Contact: Mike Viola  
E-Mail: mviola@pppl.gov

Telephone: 609-243-3655  
Fax: 609-243-3248

**Part: 130022 / CONFLAT FLANGE, 4.63 OD TAPPED**

Drawing ID: SE120-004                      Revision: 1

Customer P.O.: S005243-F  
Serial No./Qty: 6 Pieces

Reported By: DOUG MCCORKLE  
E-Mail: dMcCorkle@MajorTool.com

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

Problem: 1.02 MAX MAGNETIC PERMEABILITY. PARTS CHECK GREATER THAN 1.05 ALL AROUND AND UP TO 1.4 ON THE I.D.

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**Proposed Disposition:**

CUSTOMER DISPOSITION REQUIRED. Propose – use as is.

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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:** \_\_\_\_\_

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**Customer: PRINCETON PLASMA PHYSICS LAB**

Contact: Mike Viola

E-Mail: [mviola@pppl.gov](mailto:mviola@pppl.gov)

Telephone: 609-243-3655

Fax: 609-243-3248

**Part: 130093 / CONFLAT FLANGE, 12.0 OD TAPPED**

Drawing ID: SE120-004

Revision: 1

Customer P.O.: S005243-F

Serial No./Qty: 14 Pieces.

Reported By: DOUG MCCORKLE

E-Mail: [dMcCorkle@MajorTool.com](mailto:dMcCorkle@MajorTool.com)

Telephone: 317-636-6433

Fax: 317-634-9420

Problem: 1.02 max on magnetic permeability part checks greater than 1.02  
The i.d. checks greater than 1.04. and less than 1.1.

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**Proposed Disposition:**

CUSTOMER DISPOSITION REQUIRED. Propose – use as is.

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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:** \_\_\_\_\_

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**Customer: PRINCETON PLASMA PHYSICS LAB**

Contact: Mike Viola  
E-Mail: mviola@pppl.gov

Telephone: 609-243-3655  
Fax: 609-243-3248

**Part: 110030 / CONFLAT BLANK FLANGE, 8.0 DIA.**

Drawing ID: SE120-004

Revision: 1

Customer P.O.: S005243-F  
Serial No./Qty: 12 Pieces

Reported By: DOUG MCCORKLE

E-Mail: dMcCorkle@MajorTool.com

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

Problem: 1.02 MAX ON MAGNETIC PERMEABILITY CHECKS GREATER THAN 1.2 AND LESS THAN 1.4.

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**Proposed Disposition:**

CUSTOMER DISPOSITION REQUIRED. Propose – Use as is.

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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:** \_\_\_\_\_

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**Customer: PRINCETON PLASMA PHYSICS LAB**

Contact: Mike Viola  
E-Mail: [mviola@pppl.gov](mailto:mviola@pppl.gov)

Telephone: 609-243-3655  
Fax: 609-243-3248

**Part: 130031 / CONFLAT FLANGE, 8.0 OD TAPPED**

Drawing ID: \_\_\_\_\_ Revision: \_\_\_\_\_

Customer P.O.: S005243-F  
Serial No./Qty: 12 Pieces

Reported By: DOUG MCCORKLE  
E-Mail: [dMcCorkle@MajorTool.com](mailto:dMcCorkle@MajorTool.com)

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

Problem: 1.02 MAX MAGNETIC PERMEABILITY  
PARTS CHECK GREATER THAN 1.05 ON TOP OF FLANGE. PARTS CHECK 1.2 AND ON THE I.D.  
BOTTOM OF THE FLANGE PART CHECKS 1.1 PARTS ARE UNDER 1.4

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**Proposed Disposition:**

CUSTOMER DISPOSITION REQUIRED

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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:** \_\_\_\_\_

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**Customer: PRINCETON PLASMA PHYSICS LAB**

Contact: Mike Viola  
E-Mail: [mviola@pppl.gov](mailto:mviola@pppl.gov)

Telephone: 609-243-3655  
Fax: 609-243-3248

**Part: 110058 / CONFLAT BLANK FLANGE, 12.0 DIA**

Drawing ID: SE120-004                      Revision: 1

Customer P.O.: S005243-F  
Serial No./Qty: 9 Pieces

Reported By: DOUG MCCORKLE  
E-Mail: [dMcCorkle@MajorTool.com](mailto:dMcCorkle@MajorTool.com)

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

Problem: 1.02 MAX MAGNETIC PERMEABILITY  
PARTS CHECK GREATER THAN 1.05 AND LESS THAN 1.1

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**Proposed Disposition:**

CUSTOMER DISPOSITION REQUIRED

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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:** \_\_\_\_\_

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**Customer: PRINCETON PLASMA PHYSICS LAB**

Contact: Mike Viola  
E-Mail: S-04286-F

Telephone: 609-243-3655  
Fax: 609-243-3248

**Part: 130033 / CONFLAT FLANGE, 10.0 OD TAPPED**

Drawing ID: SE120-004

Revision: 1

Customer P.O.: S005243-F  
Serial No./Qty: 6 Pieces

Reported By: DOUG MCCORKLE

E-Mail: dMcCorkle@MajorTool.com

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

Problem: 1.02 MAX MAGNETIC PERMEABILITY

PARTS CHECK GREATER THAN 1.05. ON TOP FACE AT THE SEAL GROOVE PARTS CHECK 1.2 ALSO  
AT BOTTOM BY TAPPED HOLES AND THE INSIDE DIA.PARTS ARE LESS THAN 1.4

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**Proposed Disposition:**

CUSTOMER DISPOSITION REQUIRED

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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:** \_\_\_\_\_



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**Customer: PRINCETON PLASMA PHYSICS LAB**

Contact: Mike Viola

E-Mail: [mviola@pppl.gov](mailto:mviola@pppl.gov)

Telephone: 609-243-3655

Fax: 609-243-3248

**Part: 130026 / CONFLAT FLANGE, 6.0 OD TAPPED**

Drawing ID: SE120-004

Revision: 1

Customer P.O.: S005243-F

Serial No./Qty: 33 Pieces

Reported By: DOUG MCCORKLE

E-Mail: [dMcCorkle@MajorTool.com](mailto:dMcCorkle@MajorTool.com)

Telephone: 317-636-6433

Fax: 317-634-9420

Problem: 1.02 MAX MAGNETIC PERMEABILITY

PARTS CHECK GREATER THAN 1.05 AND LESS THAN 1.4.

I.D. OF PARTS IN AREAS CHECK 1.2

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**Proposed Disposition:**

CUSTOMER DISPOSITION REQUIRED. Propose – Use as is.

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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:** \_\_\_\_\_

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**Customer: PRINCETON PLASMA PHYSICS LAB**

Contact: Mike Viola  
E-Mail: mviola@pppl.gov

Telephone: 609-243-3655  
Fax: 609-243-3248

**Part: FA06000133 / CF REDUCING NIPPLE, 6.00 TO 1.**

Drawing ID: SE120-004                      Revision: 1

Customer P.O.: S005243-F  
Serial No./Qty: 33 Pieces

Reported By: DOUG MCCORKLE  
E-Mail: dMcCorkle@MajorTool.com

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

Problem: IDC REQUIRES A MAX OF 1.02 PERMEABILITY.  
THE PART WAS MEASURING OVER 1.2, BUT LESS THAN 1.4  
THE BOTTOM OF THE FLANGE CHECKS 1.2  
THE TOP OF THE REDUCING NIPPLE PART CHECKS 1.05  
THE TOP OF FLANGE AND SIDES PART CHECKS UP TO 1.1

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**Proposed Disposition:**

CUSTOMER DISPOSITION REQUIRED

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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:** \_\_\_\_\_

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**Customer: PRINCETON PLASMA PHYSICS LAB**

Contact: Mike Viola  
E-Mail: mviola@pppl.gov

Telephone: 609-243-3655  
Fax: 609-243-3248

**Part: 130093 / CONFLAT FLANGE, 12.0 OD TAPPED**

Drawing ID: SE120-004                      Revision: 1

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

Reported By: DOUG MCCORKLE  
E-Mail: dMcCorkle@MajorTool.com

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

Problem: 1.02 MAX MAGNETIC PERMEABILITY: PART CHECKS 1.02 ON THE O.D.  
PART CHECKS GREATER THAN 1.4, BUT LESS THAN 1.6 ON THE I.D.

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**Proposed Disposition:**

CUSTOMER DISPOSITION REQUIRED

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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:** \_\_\_\_\_