

ARGONNE NATIONAL LABORATORY

ACCEPTANCE CRITERIA LISTING

1. DISTRIBUTION:

INSPECTION REQUIRED:

4. ORIGINATOR'S NAME & DIVISION: Glen Lawrence/XFD 5. PHONE: 2-9298 6. DATE: 01/25/2005

9. FOR INSPECTION, DELIVER TO BLDG. NO.: N/A DIVISION: ATTN.:

10. AFTER INSPECTION, DELIVER TO BLDG. NO.: NA DIVISION: ATTN.:

11. REFERENCES AND/OR REMARKS:

The Magnet Poles are to be delivered to the Undulator Assembly Contractors by the Machining Contractor. Undulator Assembly Contractor shall inspect the Magnet Poles prior to acceptance. ANL shall review all Certifications and Machining Contractor's reported measurements & optionally perform on-site inspections.

15. ORIGINATOR OF PLAN: Glen Lawrence DATE: 01/27/2005

16. PLAN REVIEWED/APPROVED BY: DATE: 00/00/0000

17. QAR CONCURRENCE WITH PLAN: DATE: 00/00/0000

ACL NO.: E5-026046 LINE NBR: 1

7. PART NO. & NAME: L143-110105 Upper Magnet Structure Pole 8. QUANTITY: 192

12. STEP NO.	13. INSPECTION/TEST REQUIREMENT	14. INSPECTION TEST LOCATION	18. ACCEPTED BY OR NONCONFORMANCE REPORT NO.	19. DATE
1	Visual inspection of parts for shipping damage	ulator Ass'y Contra	<i>see Metalox QA package</i>	<i>3/25/05</i>
2	Check that parts were "bagged and Tagged" with serial no's and part no.'s (ANL & SLAC) per SOW L143-00031, Section 4.1.3	ulator Ass'y Contra	<i>TRM</i>	<i>10/18/05</i>
3	Check that parts were marked with serial numbers per SOW Section 4.1.3.	ulator Ass'y Contra	<i>see metalox KSSY QA package</i>	<i>3/25/05</i>
4	Check that accompanying Certifications have correct part serial numbers	ulator Ass'y Contra	↓	↓
5	Check the material certification for compliance with ASTM A801, Type 1	ulator Ass'y Contra	↓	↓

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12. STEP NO.	13. INSPECTION/TEST REQUIREMENT	14. INSPECTION TEST LOCATION	18. ACCEPTED BY OR NONCONFORMANCE REPORT NO.	19. DATE
6	Check the anneal certification for compliance with AMS-A801, or a specified material supplier's annealing schedule	ulator Ass'y Contra	<i>see Metalex QA package</i>	<i>7/25/06</i>
7	Check that the machining Contractor's certified dimensional measurements are in compliance with the drawing	ANL	<i>IMZ</i>	<i>6/14/06</i>
8	Verify the critical dimensions as listed in the SOW, Section 4.5.2 are in compliance with the drawing	ulator Ass'y Contra	<i>see Metalex QA package</i>	<i>7/25/06</i>

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11. REFERENCES AND/OR REMARKS:

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15. ORIGINATOR OF PLAN: Glen Lawrence DATE: 01/27/2005

16. PLAN REVIEWED/APPROVED BY: DATE: 00/00/0000

17. QAR CONCURRENCE WITH PLAN: DATE: 00/00/0000

. ACL NO.: E5-026046 LINE NBR: 2

7. PART NO. & NAME: L143-110107 Last Poles 8. QUANTITY:

12. STEP NO.	13. INSPECTION/TEST REQUIREMENT	14. INSPECTION TEST LOCATION	18. ACCEPTED BY OR NONCONFORMANCE REPORT NO.	19. DATE
1	Visual inspection of parts for shipping damage	ulator Ass'y Contra	<i>See Metalox Assy QA package</i> 	<i>3/25/09</i>
2	Check that parts were "bagged and Tagged" with serial no's and part no.'s (ANL & SLAC) per SOW L143-00031, Section 4.1.3	ulator Ass'y Contra		
3	Check that parts were marked with serial numbers per SOW Section 4.1.3.	ulator Ass'y Contra		
4	Check that accompanying Certifications have correct part serial numbers	ulator Ass'y Contra		
5	Check the material certification for compliance with ASTM A801, Type 1	ulator Ass'y Contra		

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12. STEP NO.	13. INSPECTION/TEST REQUIREMENT	14. INSPECTION TEST LOCATION	18. ACCEPTED BY OR NONCONFORMANCE REPORT NO.	19. DATE
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6	Check the anneal certification for compliance with AMS-A801, or a specified material supplier's annealing schedule	ulator Ass'y Contra	Metalox	3/25/04
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7	Check that the machining Contractor's certified dimensional measurements are in compliance with the drawing	ANL	<i>With poles Ting</i>	6/14/06
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8	Verify the critical dimensions as listed in the SOW, Section 4.5.2 are in compliance with the drawing	ulator Ass'y Contra	Metalox	3/25/04
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