

The only official copy of this file is the one on-line on the Superconducting Magnet Division website. Before using a printed copy, verify that it is the most current version by checking the document issue date on the website.

Magnet Division Procedure

Procedure: SMD-CC-2001

Revision: A



Requirements for Packaging and Preservation of Common Coil Yoke Laminations

- Prepared by: Signature on File
- Cognizant Engineer: Signature on File
- Production Section Head: Signature on File
- Q. A. Approval: Signature on File
- ES&H Review: Signature on File

Revision History

Rev. A Initial Release 10/4/02

1 Scope

This specification establishes the requirements for packaging and preservation of laminations made from extra-low carbon steel for the SMD magnets.

2 Applicable Documents

The following documents, of the issue in effect on the date of invitation to quote, form a part of this specification to the extent specified herein (titles are condensed).

BNL Dwg. RD18010019 Lamination, Yoke

3 Requirements

3.1 Cleaning

3.1.1 The laminations shall be free of chips, dust, solid foreign matter, oil, grease and all other surface contamination prior to packaging.

3.1.2 The laminations shall be cleaned by a process which does not damage the protective chemical coating on the steel.

3.2 Packaging

3.2.1 After all cleaning operations, the laminations shall be packaged in protective wrapping material designed to prevent corrosion.

3.2.2 The packaged laminations shall be packed in such a way as to provide protection from mechanical damage and exposure to environmental conditions which would be conducive to corrosion or other surface degradation.

3.2.3 The laminations shall be packaged such that each package contains 50 identical laminations. The package shall be wrapped in a sealed air tight bag with desiccant. The package of laminations shall be placed in a corrugated shipping container or approved equivalent. The container shall be clearly marked with the information listed below.

The only official copy of this file is the one on-line on the Superconducting Magnet Division website. Before using a printed copy, verify that it is the most current version by checking the document issue date on the website.

SMD-CC-2001A

Page 2 of 2

SMD Yoke Laminations	
BNL Part No.	_____
Dash No.	_____
Revision Level	_____
Date of Manufacture	_____
Quantity:	50 pieces
Gross Weight	_____ Lbs.
Steel Heat No.	_____

4 Quality Assurance Provisions

N/A

5 Preparation for Delivery

The corrugated shipping container shall be closed with a fiber reinforced packing tape or approved equivalent. Each container shall be marked with the part number and quantity. Parts in a container shall all be of the same part number, heat number, lot number and revision level.