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1            Scope:

This specification establishes the requirements for packaging and preservation of laminations made from extra-low carbon steel for the LHC 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):

- |     |                   |                           |
|-----|-------------------|---------------------------|
| 2.1 | BNL Dwg. 14010057 | Lamination, LHC Yoke      |
| 2.2 | BNL Dwg. 14010071 | Lamination, LHC Yoke, End |

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.

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- 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 dessicant. 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:

LHC 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.