

LIFT PROCEDURE

Procedure Number: D-L-NCSX-996 Rev. 0

TITLE: Finished Modular Coil Winding Form Lift Procedure

Note: LIFT DATA SHEETS NEEDED TO PERFORM THIS LIFT

PREPARED BY: James H. Chrzanowski DATE: 3/30/06
James H. Chrzanowski-Mod Coil ATI

BRANCH/DIVISION HEAD: Larry Dudek DATE: 3/30/06
Larry Dudek- Modular Coil RLM

PIC: James H. Chrzanowski DATE: 3/30/06
James H. Chrzanowski- Modular Coil ATI

LIFT MANAGER: Larry Dudek for M. Viola DATE: 3/30/06

PROCEDURE INCLUDES ALL ATTACHMENTS

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1.0 INTRODUCTION:

- 1.1 This procedure describes the necessary equipment and methods to follow in transporting a Winding Form or completed Modular Coil in the horizontal position.
- 1.2 This lift has been classified as a Critical lift because of the cost and impact to the NCSX schedule if damaged.

2.0 PREREQUISITES:

- 2.1 PIC will attest on the Lift Data Sheet that any installation, disassembly, or removal procedures required to allow the equipment to be moved have been completed.
- 2.2 PPPL Lift Manager and QC shall be notified in advance of a critical lift.
- 2.3 No Critical Lift may be commenced without the presence of a PPPL Lift Manager or his designee unless designated as a repetitive lift by the Lift Engineer.
- 2.4 The lift must be made in accordance with ENG-021 Hoisting and Rigging Program.

3.0 PRECAUTIONS:

- 3.1 The area where lift is being made shall be properly secured so that personnel other than the lift team are allowed access.
- 3.2 All personnel involved in this procedure shall wear hard hats.
- 3.3 All rigging shall be inspected by a qualified rigging specialist (QRS).
- 3.4 The crane operator shall be Critical Lift certified.
- 3.5 Protection for the slings and equipment from sharp edges will be provided.

4.0 PROCEDURE FIELD CHANGES

Procedure field change can be made on site if approved by the PPPL Lift Engineer by working up or using a new Lift Data Sheet.

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5.0 LIFT DATA SHEET INSTRUCTIONS

The attached Lift data sheet provides the specification for the hoisting and rigging aspects of the lift.

6.0 PROCEDURE:

6.1 Horizontal Transport:

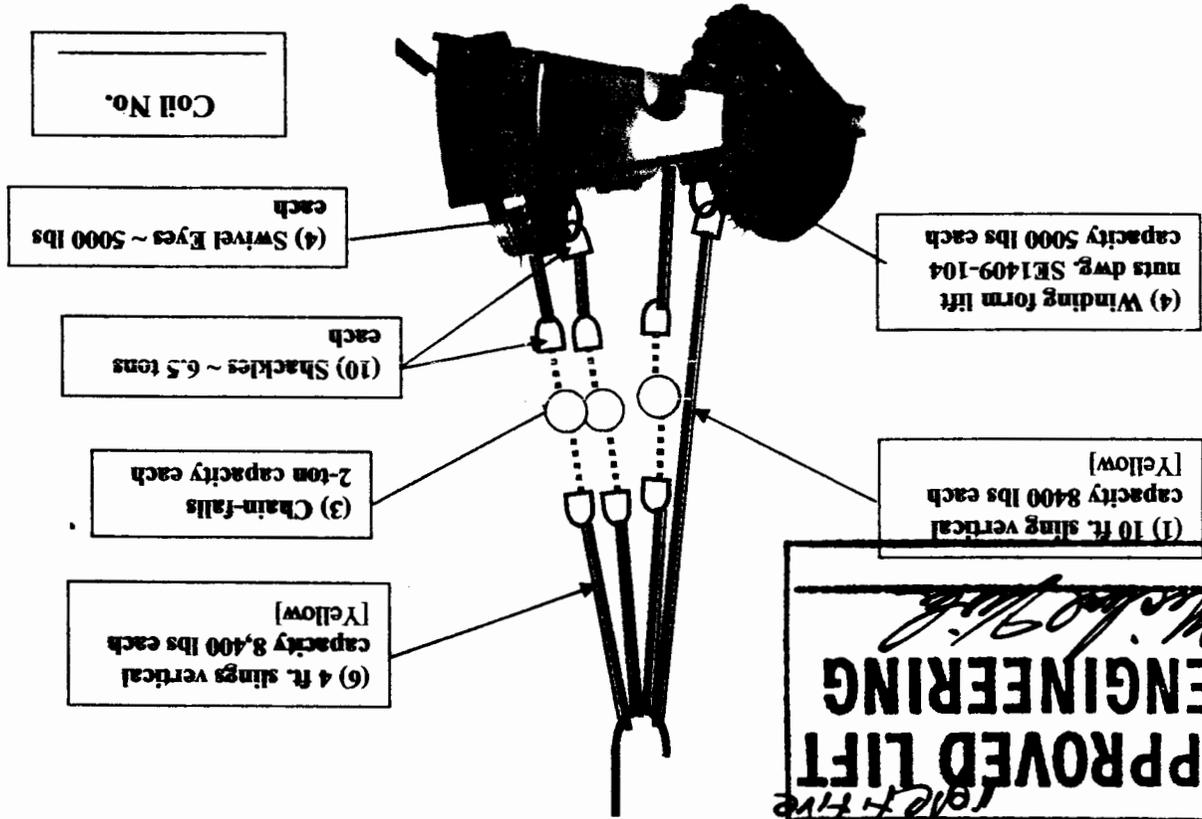
- 6.1.1 Use the lifting arrangement identified on the attached Lift Data Sheet; connect the modular coil winding form or completed coil to the overhead crane.
- 6.1.2 The PIC shall identify the coil being transferred and flight path information on Lift Data sheet.
- 6.1.3 Slowly lift the modular coil winding form and transport to the desired location.
- 6.1.4 Lower the modular coil into its final position and remove all lift slings, shackles and chain falls.
- 6.1.5 The modular coil lift and transfer is complete. Attached a copy of completed/signed Lift Data Sheet to back of procedure.

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LIFT TITLE: Lifting a Finished Modular Coil	LIFT PROCEDURE NO. D-L-NCSX-996	AREA: NCSX Coil Manufacturing Facility
Effective Date: 3/31/06	Expiration Date: 3/31/08	Prepared by: ORS
Initiated:	COG. ENG. / PHYS.	LIFT MANAGER

DISASSEMBLY PROCESS COMPLETED **QC:** _____
PROCEDURE PREREQUISITES COMPLETED **PIC:** _____

APPROVED LIFT ENGINEERING
1012-5-11-06
Mr. [Signature]



DESCRIPTION: WEIGHT: 7000 Lbs. (max.) **DETERMINED BY: Calculations**
 Sketch of rigging shall include: Crane Capacity, Hook Load, All Rigging, Lift Height, Flight Plan
 Sketch of equipment shall include: Dimensions, Bolts Removed, Allowable Tilt

CRANE OPERATOR: *H. Fernandez* **RIGGING TEAM (print):** *E. Kearns & Tucker*
APPROVED: (print) *F. Simmonds* **PIC:** _____
either/or *ORS* *Delay*
 (Rigged per sketch) (Equipment ready to lift) (Qualification/inspection complete)
... PERFORM LIFT... PERFORM LIFT... PERFORM LIFT...

Equipment is secure and rigging may be removed. **PIC:** _____
Date Performed: _____

LIFT DATA SHEET AND ALL DATA TO BE RETURNED TO PPL OPERATIONS CENTER