

End Station B Crane Daily Inspection Checklist and Log

1. Introduction

The End Station B Crane #018 Inspection Checklist describes special notes and required inspections for the 15 / 50 ton overhead bridge crane. This inspection checklist must be followed by all operators of the crane every shift.

2. Document Information

This document is owned and authorized by the PPA/ARD/Test Facilities Department.

Document source is located at:

X:\nlcta\Operations-Documents\Source\02-03 Safety\02-03-15-004 End Station B Crane Inspection Checklist and Log.doc

Document has been reviewed and approved by:

<i>Name</i>	<i>Signature</i>	<i>Date</i>	<i>Review Type</i>
_____	_____	_____	<input type="checkbox"/> Administrative <input type="checkbox"/> Technical
PPA/ARD/TF Department Head			
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NLCTA Operations Manager			
_____	_____	_____	<input type="checkbox"/> Administrative <input type="checkbox"/> Technical
PPA/ARD Safety Officer			

Pre-work inspections – Power off:

- Check the Inspection Test Sticker (on the side of the crane controller).
- Locate the crane power circuit breaker shut-off.
- Verify that the controller paddles move freely and return to the center location automatically.
- All rigging hardware must be inspected prior to use.
- All lifting devices or fixtures (except eyebolts, shackles, fiber slings, and turnbuckles) must have a valid (dated) inspection sticker.

Pre-work inspections – Power on:

- Check the upper limit switch of the hook you are using. Watch the hook as you raise it to verify that the limit works.
- Move crane N, S, E, and W – verify that the controls and brakes work.

Hard Hats:

- Hard hats are always required for the operator, assistant, and all persons under the trolley and in the load area. The operator may additionally require hard hats to be worn by anyone in the End Station.
- It is the crane operator's responsibility to inform others of this Hard Hat Rule.
- The crane operator's must cease operation if personnel are not properly protected.
- Hardhats are available in the end station.

Working:

- Raise load a minimum distance.
- Stop lift – verify brake does not slip.
- Check rigging.

Post-Work:

- Park crane toward West end of building with hook near south wall.
- Plug remote control into charger.
- Return key to the EOIC. Inform the operator or any problems.
- If the operator is not available, leave the crane hook on the top of the keysafe.

Problems:

- Apply an "OUT OF SERVICE" tag to the crane with your name, and the time and date.
- Note any problems in the Crane Logbook.
- Inform the EOIC.

Date: _____ Circle Day: M T W TH F Department: _____

Operator Name: _____ Signature: _____

- Previous log entry indicates that crane is still in service
- All straps, slings, shackles, rigging and lifting fixtures have been inspected.
- Enter the descriptions and expire dates for any fixtures:

- Describe crane use. Include details such as LN Dewar to roof, Install klystron in 8pack, or move shielding blocks. If crane is being maintained, note nature of maintenance and items adjusted below.

- Identify the approved Lifting procedure used for this (these) lift(s).
 - Attach procedure or list name and date: _____
 - Approval date WITHIN THE LAST 12 MONTHS: _____
- Procedure must be in the Crane Log binder. New procedures may be on this page, attached, or filed in the section at the end of the binder.

Comments and notes. List any identified deficiencies.