

## **REQUIREMENT: *NEW* Assembly/Disassembly Requirements for Mobile Cranes and Derricks**

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**Recent amendments made to 1 RCNY 3319-01 establish new Assembly/Disassembly requirements for mobile cranes and derricks.**

Assembly/Disassembly (A/D) is defined as the installation or removal of structural components or attachments to a crane or derrick, or the installation or removal of elements that connect or attach a crane or derrick to a building or structure. The term Assembly/Disassembly does not include operations exclusive to the installation or removal counterweights, or to the unfolding and pinning of a boom or swing-away jib.

- **Assembly/Disassembly Plan**

- A Professional Engineer (P.E.) **must** file the A/D plan with the CD4 application.

- **Assembly/Disassembly Director**

The A/D operation **must** be overseen by an A/D Director. The A/D Director **must** provide continuous, onsite supervision of the A/D operation, and ensure compliance with the approved A/D plan and relevant rigging plans. It is the responsibility of the A/D Director to ensure all members of the A/D crew, including signalpersons, understand their tasks as well as hazards associated with their tasks.

- The A/D Director **must** be designated by the equipment user.
- The A/D Director **must** meet the Building Code criteria for both a competent person and a qualified person, or must be a competent person who is assisted by one or more qualified persons.
- Designation of the A/D Director **must** be recorded in the crane or derrick log that is maintained at the jobsite. The log entry must include the name and contact information for the A/D Director and **must** be signed and dated by the A/D Director prior to the start of the A/D operation.

- **Review of Assembly/Disassembly Plan**

The A/D Director **must** review the approved A/D plan and relevant rigging plans immediately prior to the start of the A/D operation. It is the responsibility of the equipment user to verify this review has occurred.

- **Training of Assembly/Disassembly Director**

Except where the individual is licensed Master or Tower Crane Rigger, or is a designated Master Rigging Foreman, the A/D Director **must** be trained or certified in accordance with Section 3316.9.2 of the New York City Building Code as a rigging supervisor if articles are to be hoisted or lowered during the A/D operation.

- **Training of Assembly/Disassembly Crew**

Except where the A/D crew works under the direct and continuing supervision of a licensed Master or Tower Crane Rigger, all members of the A/D crew, including signalpersons, **must** be trained or certified in accordance with Section 3316.9.2 of the New York City Building Code if articles are to be hoisted or lowered during the A/D operation.

*NOTE: These requirements will take effect for mobile cranes and derricks whose application for a certificate of on-site inspection (CN) is filed on or after May 24, 2017*