

# 1 RCNY §6-01

## CHAPTER 6 CRANES

### §6-01 Erection and Dismantling of Climber/Tower Cranes.

An Erection and Dismantling Plan and Procedure for Climber/Tower Cranes, other than truck and crawler mounted tower cranes; shall be submitted to the Crane and Derrick Division of the Department of Buildings by a Licensed Professional Engineer or Registered Architect for the erection of any such Climber/Tower Cranes.

The procedure and plan submitted shall include the following:

- (a) Identification of the equipment used; including all machines used in the erection or dismantling.
- (b) A detailed identification of the assemblies and sub-assemblies for the erection and dismantling of the equipment.
- (c) Location of the equipment, sidewalk sheds (or Department of Transportation street closing permits, if applicable), surrounding buildings, protection for their roofs and the pick-up points and loads and radius of swing of all loads. In addition, the safe load from the approved load radius chart shall be submitted for lift radius.
- (d) A weight list of all assemblies and sub-assemblies that are to be lifted. Components are to be clearly marked with their weight painted on the assembly or stamped on metal tags attached to the assembly.
- (e) The center of gravity of all unsymmetrical components shall be located and shown.
- (f) The manufacturer of the Climber/Tower Crane shall certify as to the weight of assemblies and sub-assemblies. Alternately the Professional Engineer or Registered Architect applicant shall certify an erection or dismantling weight list with indication how such weights were determined.
- (g) The approved Erection and Dismantling procedure and sequence with weights of assemblies and sub-assemblies, shall be given to the operator of the crane or derrick and to the rigger prior to commencement of the work.
- (h) All accepted or approved installed safety devices on a crane involved in the erection or dismantling procedure shall be calibrated within the preceding three months. The certification of the calibration shall be submitted to the Crane and Derricks Division. The safety device  
.s of the Climber/Tower Crane shall be checked as a part of the inspection procedure.
- (i) A time schedule including date and time of day that the erection or dismantling is to take place. Erection or dismantling shall not be conducted prior to sunrise, or subsequent to sunset, and shall be limited by §24-224, of the Administrative (Air Pollution) Code.
- (j) No Climber/Tower Crane shall be erected, operated, or disassembled in any roadway, sidewalk, or street unless a permit is first obtained from the Bureau of Highways of the NYCDOT.
- (k) The Licensed Master Rigger or [*sic*] Licensed Climber/Tower Rigger, and the Site Safety Coordinators shall be present at the job site during erection and dismantling. Their names as well as the company performing the work, shall be included in the data submitted.
- (l) Cranes used to erect or dismantle Climber/Tower Cranes or Derricks located either within the lot line or on the street shall be indicated; and continue to be subject to the on-site inspection permit Buildings Notice procedures but such application shall be submitted to the Cranes and Derricks Division.
- (m) A load radius chart approved by the Cranes and [*sic*] Derricks Division of the Buildings Department shall be posted in the cabin of crane.