

ATTACHMENT B  
P&P C-41A  
SAFETY PERMIT CONFERENCE CHECKLIST

The tower crane Applicant shall provide to the Division a written plan covering operation, erection, climbing and dismantling of the tower crane. The written plan shall address the requirements of the manufacturer's manual tailored to the site conditions where the tower crane will be installed, including the following as appropriate for either erection or operation.

Ground storage space for each component, including truck positioning and off-loading activities as well as pre-assembly work.

Identification of each lift with respect to weight, the necessary mobile crane reach and rigging accessories required.

Counter-weight specifications if they are prepared on site.

The manufacturer's erection sequence for counter-jib, jib, counter-weight machine deck, tower spire and a climbing schedule.

The procedures for installation of jib and counter-jib support pendants.

The type and calibration of torque wrenches and/or belt stretchers and the procedure to be used for all tower sections and slew-ring bolts, including retorquing after final assembly. A procedure for written verification of all slew-ring and tower section bolt torques to be maintained at the worksite or on the crane.

A description of the relationship of the crane to the building under construction, including minimum clearances between the tower, counter-weights, jibs, and any other relevant moving parts of the crane to parts of the building, including thrust-outs, cornices, window bays, and any other fixed points.

A description of the maximum permissible radius and load ratings for the configuration and the site location of the tower crane, and the building component weights to be lifted.

A description of the tower crane support, such as foundation, railway, floor support and tie-in collars, showing soil stability and bearing capacity, reinforced steel design, foundation tower anchor placement and concrete specifications.

Verification by the crane employer that during the time

periods of erection, climbing and dismantling of the tower crane, a representative of the certified agent shall be present on site.

Verification that no employees, other than those engaged in the erection, climbing or dismantling of the crane, are to be permitted in the area below the crane during erection, climbing and dismantling work. The clear area below the crane shall be that open area below the current activity where employees are exposed to potential hazards within the maximum radius of the crane measured from its base. Further, only those workers actually engaged in erection, climbing or dismantling of the crane shall be allowed on the crane during the erection, climbing or dismantling processes. No other work shall be performed on the crane while these processes are taking place.

Inspection responsibilities of supervisors, inspection intervals and what is to be inspected, i.e., a written crane inspection program.

A written crane maintenance and preventive maintenance program.

Safety meeting intervals, who will conduct meetings and what general and specific topics will be discussed.

A procedure for eliminating hazards, including operation/erection difficulties once they are encountered.

Description of the proximity of high voltage overhead powerlines to the operating radius of the tower crane.

**Documentation of operator's experience and qualifications on the type of tower crane being utilized.**

**C-41A, Attachment B (12/3/01)**