



County of Stafford

Department of Public Works

Building Division

Tower Cranes

1. The following shall be submitted to the County prior to crane erection:

- A. A Commercial Change permit application including;
- B. A site plan indicating the tower crane(s) location on the construction site, the crane swing radius and jib elevation.
- C. Tower crane foundation design and details certified by a professional structural engineer registered in the state of VA. When the tower is within the building footprint, the crane foundation and the elevated slab(s) penetration design shall be reviewed and approved by the structural engineer of record (SER).
- D. Tower crane bracing generated forces and method of attachment to the structure, if required, shall be certified by a professional structural engineer registered in the state of VA. The bracing design and method of attachment to the structure shall be reviewed and approved by the structural engineer of record (SER).
- E. Copies of the tower crane, erection crane and dismantling crane operator's National Commission for the Certification of Crane Operators (NCCCO) certification or equal.
- F. **Completed Special Inspections form in its entirety.** The signatures to include the owners, SER, and General Contractor. A completed ***Special Inspections*** form must be submitted at time of application, a Tower Crane will not be issued without ***Special Inspections*** form.

2. The General Contractor and sub-Contractor agree to comply with the following requirements:

- A. Applicable VOSH/OSHA safety requirements.
- B. Crane manufacturer safety requirements.
- C. Perform third party inspections of the crane foundation including soil bearing capacity inspections and submit inspection reports to the County prior to crane erection.
- D. During erection, increase in height (jumping), or dismantling of a tower crane, the safety representative of the General Contractor, as well as representatives of the crane manufacturer, or crane owner/lessor shall be present for consultations during all such operations.
- E. The General Contractor agrees to submit a copy of the crane inspections certificate, issued by a manufacturer's representative or by a qualified third party crane inspector, to the Department of Public Works, following erection of the crane and prior to its use.

3. For the duration of the project, the crane shall be inspected as follows:

- A. Visually on a daily basis by the crane operator.
- B. Monthly by a crane owner/lessor technician.
- C. Every six months of operation by a third party inspector.
- D. Copies of the inspection reports of the monthly and six month inspections shall be kept at the site at all times.

Name, General Contractor (Print/Sign& Date)

VA Contractor License Number

Name, Sub-Contractor (Print/Sign & Date)

VA Contractor License Number