



READY REFERENCE CHECKLIST OVERHEAD CRANE

YOU WILL NEED A TOWER CRANE IN ONE OF THE FOLLOWING TYPES:

- Overhead Crane (Powered Functions for Hoist, Bridge and Trolley)

YOU WILL NEED THE FOLLOWING FOR EACH CRANE TO BE TESTED ON:

- A cylindrical Test Weight, diameter 3 foot (113 inch in circumference), weight (including rigging) to be within the range of 1,500 to 2,000 lbs.
- One length of $\frac{3}{8}$ inch chain, painted fluorescent orange or red, that measure 3 feet long when attached to the bottom center of the Test Weight.
- Rigging slings to attach the Test Weight to the hook, no more than 3 feet long.
- PVC pipe, white, 1 $\frac{1}{2}$ inch, SHD. 40, sufficient to make fifty-four (54), 36 inch long poles.
- $\frac{3}{4}$ inch CDX grade (or better) plywood or high density polyethylene, sufficient to create fifty-four (54) pole bases, 1 $\frac{1}{2}$ " ($\pm \frac{1}{2}$ ") x 12" x 12".
- Fifty-four (54) tennis balls.
- Fifty-four feet of #18 nylon string, to attach tennis balls to poles (optional).
- One hundred eight (108) 1 $\frac{1}{4}$ inch zinc plated (galvanized) screws, or equivalent, to secure nylon string to tennis balls and poles (optional).
- Two horizontal poles painted red or orange 12 inch on ends and 12 inch in the middle.
- Two horizontal poles painted red or orange 12 inch on ends and 12 inch in the middle.
- 500 feet brightly colored, string line (for Right Angle Corridor and CAD layout use).
- Paint (fluorescent orange or red) for painting the tops of the poles and chain **NOTE: Red electrical tape may be used for the poles.**
- Paint (white) for marking circles.
- Hand-held wind speed indicator (anemometer) for outside testing only.
- One (1) 100 foot tape measure and one 30 foot steel tape (carpenters).
- Stop watches and clipboards for Examiner(s) and Proctor(s).

EQUIPMENT SOURCES.

Anemometers: West Marine, PO Box 50070, Watsonville, CA 95077. 1-800-262-8464. www.westmarine.com.

HDPE bases: House of Plastics, 2580 S. Orange Blossom Trail, Orlando, FL 32805. 1-888-707-5278. plastics@hopu.com.

NCCCO does not endorse or recommend particular vendors of any equipment.