



# SITE REPORT

## PRACTICAL EXAMINATION - TOWER CRANE

NCCCO has established specific conditions and guidelines that each Practical Examination Test Site must adhere to. This Site Report is designed to ensure these conditions are met. The Examiner is required to perform a site inspection prior to the start of the first examination and complete the Site Report form. The Examiner must arrive at the test site in sufficient time to verify, by measuring with a tape, the accuracy of the course layout with respect to the NCCCO Test Site Plan. The Examiner must also conduct a visual inspection of the crane for proper set-up prior to testing any applicant. This site report must be presented on demand to any Practical Test Auditor.

**Please type or print neatly.**

TEST SITE	DATE
NAME OF TEST SITE COORDINATOR	

**Check the following items for compliance.**

### PRE-TEST CANDIDATE BRIEFING AREA

**An indoor facility suitable for the Pre-Test Briefing of exam candidates, to include:**

- Sufficient tables and chairs to seat candidates for the Pre-Test Briefing.
- Equipped with a VCR or DVD and television or computer for candidates to watch the NCCCO Practical Exam video.
- Located so that waiting candidates are unable to observe other candidates being tested.

### Candidate Materials Available:

- A written description of the examination (Candidate Handbook).
- A plan view of the Test Site Layout.
- Operators Manuals and Load Charts for all cranes to be tested on, at least one extra copy of those pages of the Operator's Manual dealing with operating instructions.
- One (1) copy of the complete Operator's Manual.
- Instructions for the LMI system, if the crane is so equipped.

**This section is to be completed for each crane used during the testing session.**

Make / Model of Crane:	Serial Number of Crane:
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### TEST SITE SET-UP

- Entire course is level within 5% of true level.
- Zigzag Corridor has no more than a six (6) inches maximum change in elevation.
- Free of debris, stored materials, surface irregularities, or hazards such as overhead power lines, which could interfere with test maneuvers.

**Using the Test Site Plan, verify the following measurements:**

- Distance from the center of rotation of the crane to the center of the Stop Circle.
- Distance from the center of rotation of the crane to the center of the Test Weight Circle.
- Distance from the center of rotation of the crane to the center of the Start Circle.
- Distance from the center of rotation of the crane to the center of the Load Circle.
- Distance from the centerline of the crane to the second leg of the Zigzag Corridor.
- Distance from the centerline of the crane to the first leg of the Zigzag Corridor.
- Length of the two long sides of the Zigzag corridor.
- Length of the four short sides of the Zigzag corridor (10 ft.).
- Width of the Zigzag corridor.
- Poles placed at two (2) feet centers.

# SITE REPORT (CONT'D)

Test Site #: \_\_\_\_\_

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### Poles

- Made of 1½ inches, white PVC pipe, SHD. 40, 36 inches long.
- Top 12 inches, painted or taped fluorescent orange or red.
- Mounted to a platform made of two layers of ¾ inch, CDX grade (or better) plywood, or high density Polyethylene (HDPE), cut 12 inches square.
- A taut, longitudinal string line placed on the ground through the centerline of each pole base.
- Spare poles and bases available.

### Circles

- Start Circle is seven (7) feet inside diameter ( $\pm 1/2$  inch), painted two (2) inches wide and located per the Test Site Plan.
- Start Circle is in line with the centerline of the crane and due left of the Test Weight Circle.
- Stop Circle is seven (7) feet inside diameter ( $\pm 1/2$  inch), painted two (2) inches wide and located per the Test Site Plan.
- Test Weight Circle is seven (7) feet inside diameter ( $\pm 1/2$  inch), painted two (2) inches wide and located per the Test Site Plan.
- Load Circle is seven (7) feet inside diameter ( $\pm 1/2$  inch), painted two (2) inches wide and located per the Test Site Plan.

### CRANE SELECTION AND SET-UP

- Crane as identified in the Test Site Plan.

### Test Crane

- Set up and leveled, in the location specified, ready for operation, with engine running, in accordance with the manufacturer's recommendations.
- Jib length is as stated on Test Site Plan.

### Load Hook

- Minimum height as indicated on Test Site Plan
- A length of ¾ inch chain that can be quickly and easily attached and detached from hook:
  - Chain is painted fluorescent orange or red.
  - Chain is attached to bottom center of load hook.
  - Chain measures 36 inches from bottom of hook.

### Test Weight

- Weight as indicated in Test Site Plan.
- Verified by a weight ticket or other type of certification documenting the actual load weight available to the Examiner.
- Cylindrical in shape.
- The diameter of the Test Weight is three (3) feet (114 inches circumference).
- Height is no more than 1-1/2 times its diameter and in any case does not exceed five (5) feet in height.
- Method of attachment is by a sling not exceeding 4 foot in length.
- Four (4) 36 inch lengths of ¾ inch chain, removable and attached on the inside bottom rim at 0, 90, 180 and 270 degrees.  
*NOTE: In order to measure the chain length, attach the Test Weight to the crane hook. Raise the Test Weight until the chain barely touches the ground and measure from the lowest edge of Test Weight to ground.*
- Chain is painted fluorescent orange or red.



