



Site Report

PRACTICAL EXAMINATION—ARTICULATING BOOM 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 Layout (CAD). The Examiner must also conduct a visual inspection of the crane for proper setup prior to testing any applicant. This Site Report must be presented on demand to any Practical Test Auditor.

If using more than one course at this test site, please fill out a Site Report for each course.

Please type or print neatly.

TEST SITE	DATE
NAME OF TEST SITE COORDINATOR	
CAD LAYOUT USED: <input type="checkbox"/> ABC #1 <input type="checkbox"/> ABC #2 <input type="checkbox"/> ABC #3	
<i>(Please check only one)</i>	

Check the following items for compliance.

PRE-TEST CANDIDATE BRIEFING AREA

An indoor facility suitable for the Pre-Test Briefing of exam candidates, including:

- Sufficient tables and chairs to seat all candidates for the Pre-Test Briefing
- A DVD player and television or computer for candidates to watch the NCCCO Practical Exam presentation
- A location 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 (CAD)
- Operator's manual and load chart(s) for all cranes that will be used for testing

TEST SITE SETUP

- Entire course is level within five percent of true level
- Zigzag Corridor has no more than a 6 in. maximum change in elevation
- Test Site is free of debris, stored materials, surface irregularities, or hazards such as overhead power lines that could interfere with test maneuvers
- Zigzag Corridor set up on asphalt, concrete surface, or firm and compacted sand, dirt, or gravel, free of vegetation, with a sufficiently uniform surface to permit the poles to stand vertical and slide freely; grass surfaces are **not** acceptable
- No obstructions are within 5 ft. of the Test Site in any direction

Using the Test Site Layout (CAD), verify the following measurements:

- Distance from the center of rotation of the crane to the center of Designated Area 1 (± 1 in.)
- Distance from the center of rotation of the crane to the center of Designated Area 2 (± 1 in.)
- Distance from the center of rotation of the crane to the center of Designated Area 3 (± 1 in.)
- Distance from the longitudinal centerline to the near leg of the Zigzag Corridor (± 1 in.)
- Width of Zigzag Corridor is 5 ft. ($\pm \frac{1}{2}$ in.)
- Length of all six sides of the Zigzag Corridor ($\pm \frac{1}{2}$ in.)
- Distance between consecutive poles (2 ft. $\pm \frac{1}{2}$ in.)
- Clearly marked denotation line located correctly, as per Test Site Layout (CAD) ($\pm \frac{1}{2}$ in.)

SITE REPORT (CONT'D)

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POLES

- 40 poles (33 for ABC #1 course) made of 1½-inch, white PVC pipe (SCH 40), each 3 ft. long; ball on each pole (one inside splice per 3 ft. pole permitted; outside splices of PVC pipes NOT permitted; see Articulating Crane Test Site Coordinator Handbook for illustration)
- Top 12 in. painted or taped orange or red
- Mounted to a platform made of two layers of ¾-inch, CDX-grade (or better) plywood or one layer of 1-inch high density polyethylene (HDPE), cut 12 in. square; must weigh 5 lb. ± 10%
- Two poles notched for hurdle; notch not to exceed 1 in. wide and ½ in. deep
- 6 ft. long (± 1 in.) hurdle made of 1-inch inner diameter PVC pipe (SCH 40)
- A taut, longitudinal string line placed on the ground under the centerline of each pole base, per CAD. A cut concrete line may be used in lieu of a string line; no other materials are acceptable.
- 40 tennis balls (33 for ABC #1 course)
- Spare poles, bases, and tennis balls available

DESIGNATED AREAS

- Designated Areas 1, 2, and 3 have outside diameter of 4 ft.
- Clearly visible perimeter line (2 in. minimum width), marked inside all Designated Areas.
- If marking circles, designated areas, or other parts of a course on plywood or mats, the borders must be marked with materials with a flat, uniform surface and a lip variance not to exceed ¾ in. Any materials used may not interfere with the free movement of the pole bases. Wire rope is not permitted to be used as a course material.

TEST CRANE

- Crane has a current annual inspection with supporting documentation
- Crane is set up and leveled, in the location specified on the Test Site Layout (CAD), ready for operation with engine running, in accordance with the manufacturer's recommendations
- All stabilizers fully extended and set
- A taut string placed on the ground through the longitudinal centerline of the crane
- Clearly marked center of rotation
- All electronic operator control assistance software and systems turned off

TEST WEIGHT

- Gross weight 400–1,000 lb., verified by a weight ticket, crane's load indicating device (LMI, RCI, RCL), or other type of certification documenting the actual load weight available to the Examiner
- Cylindrical in shape with no protruding edges
- The outside diameter of the Test Weight is 3 ft.
- Test Weight is between 2 ft. and 5 ft. in height
- Picking ears are mounted inside the Test Weight, or if mounted on the outside of the Test Weight the bottom of ears are at least 3 ft. 6 in. above the bottom of the weight
- Method of attachment: Test Weight rigging has three sling legs, 2–4 ft. in length (load-bearing point to load-bearing point), and is attached to the top inside of the Test Weight, recommend 60 degree sling angles (minimum 30 degrees required)
- A length of 3/8- or 5/16-inch chain extends from the bottom center of the Test Weight
*Note: 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 the Test Weight to the ground. **This length must be 36 in.***
- Chain is painted orange or red

SITE REPORT (CONT'D)

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MANUAL EXTENSIONS

- No manual extensions may be used during the exam

BLOCKING

- Blocking or cribbing, as necessary, to provide a sound foundation for the crane

REMOTE CONTROL

- If using remote control, sufficient batteries to conduct all Practical Exams

TEST WEIGHT RIGGING

- All load-supporting components must be assembled in accordance with proper rigging practice and working load limits for the hardware utilized. Any specially fabricated structural components that are part of the load supporting system must be designed and fabricated in accordance with the requirements of the current applicable industry standards.

TEST COURSE SETUP

- The Practical Examiner whose signature appears at the end of this Site Report attests that he/she has set up the course. (Check only if the Practical Examiner has set up the test course.)
- The Examiner must have the following items for conducting the Practical Exam:
 - Two stopwatches (*not* multifunction devices such as cell phones/wristwatches)
 - Clipboard
 - Anemometer (wind meter)
 - Pen
 - Spirit level (1 ft. minimum)
 - Measuring tape (50 ft. minimum)
 - Test Site Layout (CAD)
 - Proctor
 - Verbatim instructions
 - Notification of test email (new test sites if applicable)
 - Personal protective equipment
 - Two-way communication devices (for top seat operator's station)

Deviations from the above-noted requirements are not allowed without written consent from the NCCCO Western Regional Office.

PRACTICAL EXAMINER ATTESTATION (*Examiner signature required*)

I attest that this is a true and accurate report of the above named Test Site.

SIGNATURE OF EXAMINER	DATE
PRINTED NAME OF EXAMINER	EXAMINER ACCREDITATION NUMBER

This Site Report is to be completed by the Examiner prior to each testing session and sent with the candidate score sheets, applications, and other supporting documentation to: practicals@nccco.org.