



# Site Report

## PRACTICAL EXAMINATION—ARTICULATING BOOM LOADERS

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"/> ABL	

**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
- 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 manuals and load charts for all cranes to be used in testing

### TEST SITE SETUP

- Entire course is level within five percent of true level
- Zigzag Corridor has no more than 6 in. maximum change in elevation
- 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 Plan, verify the following measurements:**

- Distance from the center of rotation of the crane to the center of Designated Area 1 ( $\pm 1$  in.)
- Distance from the center of rotation of the crane to the center of Designated Area 2 ( $\pm 1$  in.)
- Distance from the center of rotation of the crane to the center of Designated Area 3 ( $\pm 1$  in.)
- Distance from the center of rotation of the crane to the center of Designated Area 4 ( $\pm 1$  in.)
- Distance from the longitudinal centerline of the crane to the near leg of the Zigzag Corridor ( $\pm 1$  in.)
- Width of Zigzag Corridor is 6 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)

## PRACTICAL EXAMINATION—ARTICULATING BOOM LOADER

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

PAGE 2 of 3

### POLES

- 44 poles 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 high density polyethylene (HDPE), cut in 12 in. squares
- Two poles notched for hurdle; notch not to exceed 1 in. wide and ½ in. deep
- 7 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.
- 44 tennis balls
- Spare poles, bases, and tennis balls available

### DESIGNATED AREAS

- Clearly visible 2 in. minimum wide perimeter line, marked inside all Designated Areas
- Designated Areas 1 and 2: 6 ft. x 10 ft. rectangles, measured to outer edges
- A taut string placed on the ground on both sides of Designated Area 2, per CAD
- Designated Areas 3 and 4: circles with outside diameter of 4 ft.
- Clearly visible line marked for Blind Pick Area
- 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.

### TEST CRANE

- Crane has a current annual inspection with supporting documentation
- Crane is set up and leveled in the location specified, ready for operation with engine running, in accordance with the manufacturer's recommendations
- A taut string placed on the ground through the longitudinal centerline of the crane's center of rotation
- Clearly marked center of rotation
- Wheel chocks placed properly

### TEST WEIGHT

- Gross weight: 800–1,200 lbs., 4 ft. x 8 ft. x 17 in., with two 4 in. x 4 in. properly secured dunnage attached 12 in. from outside edge of Test Weight to outside edge of dunnage
- A length of 3/8- or 5/16-inch chain attached from center of fork assembly  
*Note: To measure the chain length, close the fork and attach the chain to the center of the fork assembly. Raise the Test Weight until the chain barely touches the ground, and then measure from the lowest point of the fork assembly to the ground. This length must be 24 inches.*
- Chain is painted orange or red

### BLOCKING

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

### FORK ASSEMBLY, INCLUDING ROTATOR

- Meets the requirements of the ASME B30.20-2010 standards
- Fork tines span set between 36 in. and 62 in.

**SITE REPORT (CONT'D)**  
**PRACTICAL EXAMINATION—ARTICULATING BOOM LOADER**

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

PAGE 3 of 3

**REMOTE CONTROL**

- If using remote control, sufficient batteries to conduct all practical exams

**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)
  - Test Site Layout (CAD)
  - Clipboard
  - Proctor
  - Anemometer (wind meter)
  - Verbatim instructions
  - Pen
  - Notification of test email (if applicable, new test sites only)
  - Spirit level (1 ft. minimum)
  - Personal protective equipment
  - Measuring tape (50 ft. minimum)
  - 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.*

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**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 Candidate Score Sheets to:*

NCCCO—Testing Services Department  
34125 U.S. Highway 19 North, Suite 150  
Palm Harbor, FL 34684

Phone: 727-449-8525  
Fax: 727-461-2746  
Email: info@nccco.org