

**46<sup>th</sup> Annual National Collegiate Landscape Competition**  
**March 16 - 19, 2022**  
**North Carolina State University**

**MINI TRACK LOADER OPERATION**

**Description:** The student (maximum of one individual per school) will demonstrate his or her ability to operate a mini track loader safely and efficiently. The student will perform a pre-operation inspection and then operate the machine through multiple timed tasks. The clock begins when the machine moves past the starting line and will stop when the pallet is placed at the last drop point. These tasks will test the student's ability to move the machine in a safe, efficient manner while evaluating the student's fine movements with the machine controls. Go to [Vermeer.com/na/mini-skid-steers/ctx100](https://www.vermeer.com/na/mini-skid-steers/ctx100) for more information on the Vermeer CTX100 mini track loader.

**Time:** Students will take a written test and operate the equipment on Friday. Participating students can sign up for their Friday equipment operation time slot during the event briefing on Thursday. The written portion of the test must be completed before the student operates. This will require them to arrive 10-15 minutes before their assigned operation time to complete the written test. Operation will take no more than 10 minutes for each student.

**Limits:** The sponsor reserves the right to limit the number of individuals competing based on time or physical space constraints of the campus. Schools will be able to compete based on the date their registrations were received and paid for. (Registrations that are received late or have not been paid will be placed on a waiting list.)

**JUDGING CRITERIA**

**Points:** 100 possible points for the individual score; the individual score is doubled toward the team score for a total of 200 possible points.

Points will be assigned based on the following criteria:

1. Written exam (20%)
2. Safe completion of walk around and operational tasks on course (5%)
3. Safe completion of operational tasks on course and measurement of material retention (75%)

Deductions will be applied for material retention, course performance and time. Time will only be used as a tiebreaker.

**Students are required to bring the following materials to the event:** Two sharpened pencils with erasers for written exam on Friday. Students are required to wear clothes that are appropriate for the operation of a piece of construction equipment. Gloves are highly recommended; hard soled shoes or boots are required. Waiver signed by parent if not 18 years as of 3/18/2022. Waiver was sent to student's faculty advisor.

**Sponsor is required to supply the following materials for the event:**

- All equipment and materials
- Course diagram
- Marking paint, cones or flags – course layout
- Stopwatches
- Sufficient number of judges and event monitors
- Any other items deemed necessary for this event