

COMPACT TRACK/SKID STEER LOADER OPERATION

Description: The student (maximum of one individual per school) will demonstrate the understanding and proficient operation of a compact track/skid steer loader. The student will be required to do a pre-operation inspection and operate the machine through a designated course. The course will simulate several job site conditions such as, but not limited to, tight quarter operations and material retention during operation. Upon completion of the course, a measurement will be taken to determine how much material was retained through the course. In addition, students will take a written exam on Friday covering safety, compact track/skid steer loader characteristics, operation, and maintenance.

Time: Students will have one hour to complete the written exam on Friday and 30 minutes for the operation of the compact track/skid steer loader on Friday; time slots will be assigned during the event briefing on Thursday based on when the school's registration and payment were received.

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 measured 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 the written exam on Friday. Students are also 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 3/20/2019. Waiver was sent to student's faculty advisor.

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

- Two compact track/skid steer loaders for operation of event
- Diagram and set up of obstacle course
- Copies of written exam and answer sheet with cover page
- Final solution for written exam ready for scoring the students' tests
- Stopwatches
- Sufficient number of judges and event monitors
- Any other items deemed necessary for this event

If you would like to preview and/or demo a Cat Skid Steer Loader at a Cat Dealer prior to participating in the Caterpillar sponsored Skid Steer Loader Event, please contact Connie LaFlamme at laflac@cat.com.