

## **COMPACT TRACK/SKID STEER LOADER OPERATION**

**Description:** The student (maximum of one individual per school) will demonstrate the understanding and proficient operation of a D3 Series skid steer loader or compact track loader (one has tires, the other tracks). The student will be required to do a pre-operation inspection and operate the machine through a designated course. The course will simulate job site conditions; tight quarter operation, load and carrying material, etc. In addition, students will take a written exam on Friday covering safety, skid steer loader characteristics, application, 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. Participating students can sign up for their Friday equipment operation time slot Thursday after the Event Briefing or Friday morning at the Compact Track/Skid Steer Loader Competitive Event location (adjacent to the Major Sponsor Showcase). *\*Time slots are filled on a first come, first served basis.*

**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 (25%)
2. Safe completion of machine walkaround, demonstrating maintenance and safety knowledge (25%)
3. Safe completion of operational tasks on course (50%)

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 required to wear clothes appropriate clothing for machine operation. Gloves are highly recommended and provided to participants. Hard soled shoes or boots are required.
- Wavier signed by parent if not 18 years as of 3/18/2022. These will be provided to your Faculty Advisor 6 weeks prior to the event.

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

- Two skid steer or compact track loaders for operation of event
- Diagram and set up of obstacle course
- Copies of written exam and answer sheet with cover page
- Course supplies, such as cones, clipboards and 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 Compact Track/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](mailto:laflac@cat.com).*