

**32<sup>nd</sup> Annual Student Career Days**  
**March 27 – 30, 2008**  
**North Metro Technical College**

## **SKID STEER OPERATION**

**Description:** The student (maximum of one individual per school) will demonstrate understanding and proficient operation of a 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, skid steer loader characteristics, operation, and maintenance.

**Time:** Students will have one hour to complete the written exam on Friday and 15 minutes for the operation of the skid steer on Saturday; time-slots will be assigned during the event briefing on Friday using a lottery system.

**Limits: The sponsor reserves the right to limit the number of individuals that will compete due to time constraints.** Schools will be entered into the lottery 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. Pre-operation inspection of the skid steer (25%)
3. Safe completion of operational tasks on course and measurement of material retention (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. For Saturday, a hard hat, safety glasses, gloves, ear protection, and rag. Students are required to wear long pants, long-sleeved shirts, and hard-soled shoes or boots.

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

- Two skid steer loaders for operation of event
- Diagram and set up of obstacle course
- 40 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