2011 QUALIFYING COMPETITION

SMALL POWERED EQUIPMENT – SECONDARY LEVEL

DATE: Saturday, April 16, 2011

LOCATIONS: Canadore College, Confederation College, Fanshawe College, Georgian College, Humber Institute, Niagara College, St. Lawrence College

COMMITTEE MEMBERS:
Canadore College – Dennis Gaudreault and Scott McLaughlin
Confederation College – Rob Haichuck
Fanshawe College – Blaine Young
Georgian College – Brent Belford
Humber Institute – Reg Crosgrey
Niagara College – Mike Beattie
St. Lawrence College – Lyle Young

** 1st, 2nd and 3rd place eligible* competitors will advance to the Ontario Technological Skills Competition, taking place May 3, 2011 in Waterloo

***See the Competition Information Package for the Qualifying Competition eligibility criteria and rules and regulations**

PURPOSE OF THE CONTEST:
To provide competitors with the opportunity to demonstrate, both through practical and theoretical application, their skills and knowledge in the industry relevant to small powered equipment.

SKILLS AND KNOWLEDGE TO BE TESTED:
Theory 15% Practical 85%

- To demonstrate the skill and knowledge involved with air and liquid cooled engines, carburetor theory, electrical component testing, identifying parts and measuring using tools such as, telescoping gauges, **non-digital** micrometers, vernier calipers and auto ranging multimeters
- All phases of measurement will deal exclusively with imperial
- Use of repair manuals
- Technical competence
- Tool handling and recognition
- General knowledge of both 4 stroke cycle theory and 2 stroke cycle theory

RULES AND REGULATIONS:
Please be sure to review all rules and regulations in the Complete Competitor Information Package, available online at www.skillsontario.com.

Immediate disqualification may occur at the discretion of the Qualifying Technical Chair if a competitor displays any one of the following:

- Acts inappropriately
- Shows disregard for the safety of themselves or those around them
- Breaks the established rules and regulations including:
  - Uses equipment or material that is not permitted
  - Dishonest conduct (cheating)
  - Speaks with those outside the contest area
  - Arrives to the contest site late

JUDGING CRITERIA:

Written Test	**15**
Practical	**85**
Total	**100**

As the rules state, there are no ties. If the score is even after the contest, the engine rotation portion of the practical component will be used as the tie breaker.

EQUIPMENT AND MATERIALS:
Supplied by Committee:

- Tools
- Engine Components
- Manuals

Supplied by Competitor:

- CSA approved safety glasses
- CSA approved work boots
- Lab/shop coat
- Writing utensil
- Calculator
- Multimeter

SAFETY:
Safety is a priority at the 2011 Qualifying Competitions. At the discretion of the Judges and Committee Members, any competitor can be removed from the competition site for not having the proper safety equipment or for not acting in a safe manner. Competitors **must bring** the following safety equipment to be worn during the contest:

1. CSA approved eyewear (including side shields for prescription eyewear)*
2. CSA approved safety footwear*
3. Shop coat – Proper shop attire is to be worn (no loose straps, baggy sleeves). Any attire that is deemed unsafe by competition judges will not be permitted*
4. Jewellery such as rings, bracelets and necklaces, or any items deemed unsafe by competition judges, shall be removed.*

*Competition judges will have final authority on matters of safety.

** Please note: ***Failure to wear personal protective equipment in an appropriate manner will result in loss of marks. The 3rd warning will result in competitor being disqualified from contest.***

CLOTHING REQUIREMENTS:
Competitors are to be dressed in a clean and appropriate manner. Competitors are not permitted to wear clothing with logos or printing. The exception to this rule is the logo of the school or school board the competitor is representing. ONLY the logo of the institution under which the space is registered can be visible. Corporate logos or names are not permitted on a competitor's clothing.

JOB INTERVIEW:
Please note that the job interview component has been removed from all Qualifying Competition contests. If the competitor advances to the Ontario Technological Skills Competition, the competitor will be required to participate in the job interview at that level. Please see the provincial scope for details.

COMPETITION AGENDA:
Saturday, April 16, 2011
Qualifying Competitions

****Please note the agenda has changed from previous years**

8:30-9:00 a.m.	Sign-in and Announcements
9:00-9:10 a.m.	Move to Contest Area
9:10-9:30 a.m.	Orientation Session at Contest Area
9:30 a.m.-12:00 p.m.	Contest Rotations
12:00-12:30 p.m.	Lunch
12:30-3:00 p.m.	Contest Rotations
3:00-4:00 p.m.	Final Judging and Results Compilation (Judges and Committee Members)
3:30-4:00 p.m.	General Feedback Session
4:00 p.m.	Safety Presentation by Health and Safety Ontario
5:30 p.m.	Awards Presentation and Advancement Meeting

Note to Teachers/Advisors: Student competitors depend on the mentorship and guidance of teacher/advisors in order to effectively prepare for competitions such as this. Accordingly, teacher/advisors are ***strongly encouraged*** to ensure their students have adequate time to practice the technical and safe work skills required in this competition.