2011 QUALIFYING COMPETITION

CARPENTRY-INDIVIDUAL - SECONDARY LEVEL

Date: Saturday, April 16, 2011

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

COMMITTEE MEMBERS:
Canadore College – Steven Draves
Confederation College – Todd Henry
Fanshawe College – Steve Laing
Georgian College – Kim Woodman
Humber Institute – Harry Chang
Niagara College – Don Webb
St. Lawrence College – Scott Woodall

** 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:

- Constructing a building project safely and accurately as per a given set of working drawings

NOTE TO TEACHERS/ADVISORS:

- Student competitors depend on the mentorship and guidance of teachers/advisors in order to effectively prepare for competitions such as this. Accordingly, teachers/advisors are ***strongly encouraged*** to ensure their students have adequate time to practice the technical and safe work skills required in this competition. At a minimum, competitors should be thoroughly instructed in the correct and safe use of the Electric Circular Saw and Compound Mitre Saw **prior to** participating in this competition as well as the other skills noted elsewhere in this scope.

SKILLS AND KNOWLEDGE TO BE TESTED:
Practical 100%

- safe use of all hand and power tools noted in the scope
- competency in reading construction plans and specifications
- competency in using appropriate systems of measurement
- layout and fabrication of rafter-style framing components

- ability to apply planning, organization and time management skills to complete the project within the given time
- the selection and application of sound work practices and assembly techniques in the building of a construction project to a high standard
- quality, accuracy and thoroughness of workmanship
- positive general work attitude
- housekeeping

Competitors will need to be knowledgeable in the use of a framing square and a combination or speed square. The following links direct you to online tutorials on how to use these tools.

http://www.wonderhowto.com/how-to/video/how-to-use-a-framing-square-198506/
http://www.wonderhowto.com/how-to/video/how-to-use-a-rafter-angle-square-78922/
http://www.wonderhowto.com/how-to/video/how-to-use-a-combination-square-78936/

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:

Worksite Safety	**15**
Accuracy of Project, Fit, Finish and Appearance	**75**
Project Completion	**10**
Total	**100**

As the rules state, there are no ties. If the score is even after the contest, the project completion component will be used as the tie breaker.

EQUIPMENT AND MATERIALS:
Supplied by Committee:

- one 7 ¼" portable, hand-held circular saw per competitor. Competitors are not permitted to bring personal power tools
- jigsaw cutting stations
- drill/screw gun
- extension cords
- masks
- a worktable, sawhorses or similar equipment
- consumable materials required to complete the project (wood, screws, etc.)

Supplied by Competitor:

- work apron or belt
- Robertson driver bits
- high speed steel twist bits
- framing square (stair gauges optional)
- combination square/speed square
- chalk line
- utility knife
- cross cut saw
- calculator
- 6" quick clamp
- hammer
- block plane
- measuring tape (imperial)
- pencil and pen

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*
2. CSA approved safety **footwear***
3. CSA approved **hard hat***
4. **Hearing protection***
5. Proper shop attire is to be worn (no short pants, loose straps or baggy sleeves). Any attire that is deemed unsafe by competition judges will not be permitted.*
6. Jewellery such as rings, bracelets and necklaces, or any items deemed unsafe by competition judges, shall be removed.*

ALL competitors are required to be familiar with and able to demonstrate the correct use of the Electric Circular Saw as described in the Construction Health and Safety Manual (Publication #M029) on pages 221-224. This is available for free download as a .pdf document at http://www.csao.org/UploadFiles/Safety_Manual/Tools_and_Techniques/Power_Tools_Saws.pdf

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

CLOTHING REQUIREMENTS:

Competitors are to be dressed in a clean and appropriate manner in work clothing appropriate for carpentry. 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
12:00-12:30 p.m.	Lunch
12:30-3:00 p.m.	Contest
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