

Attention Competitors

**At the 2005 Provincial Skills Competition
Safety is # 1**

**Each Event Area Will Have Safety Equipment
and Requirements That Competitors Must
Adhere To**

Important Must Read!!!!

**Competitors Must Meet All Safety Requirements
To Compete At The Provincial Skills Competition**

**Please Consult The Scope Document To
Determine The Safety Requirements For Your
Area**

**It Is Recommended That Competitors Check The
Scope Document To Ensure You Meet All Safety
Requirements**

**Scope Documents May Be Updated Until January
15th**

2005 Provincial Skills Competition

Scope Document

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|---|---|
| EVENT: SMALL POWERED EQUIPMENT | LEVEL: SECONDARY |
| START TIME: 9:00 AM APRIL 8 TH , 2005 | LOCATION: SIAST PALLISER CAMPUS RM. 6.107 |
| INTERNATIONAL TRADE #: 53 | DURATION: 6 HRS. |

SAFETY REQUIREMENTS: Competitors are required to follow all industry safety standards during the competition.

PURPOSE OF THE CHALLENGE:

Students will demonstrate skill in the use of hand and measuring tools that are commonly used to the repair small engines. They will exhibit both written and "hands on" knowledge of basic mechanical principles related to 2 and 4 stroke small engines.

SKILLS AND KNOWLEDGE TO BE TESTED:

A written test of approximately 100 questions will cover:

- General theory of 2 and 4 cycle engines; ignition systems electrical systems (starting and charging); workplace and personal safety; troubleshooting and maintenance; measurements tolerances and torque values and fuel systems.
- Most will be multiple-choice but there may be some essay type questions.

For the practical test:

- We will be working on Briggs and Stratton 4 cycle engines and a 2 cycle engine.
- All contestants will be required to disassemble, diagnose, measure, and correctly reassemble a small engine. All manufacturer specifications, torques and tolerances must be adhered to.

EQUIPMENT, TOOLS, SUPPLIES, CLOTHING:

- All competitors will bring their own hand tools
- A list will be provided to those who register.
- Any specialty tools will be provided.
- As always proper clothing, eye protection and foot-wear must be worn.
NO EXCEPTIONS!
- All safety rules must be adhered to.

COMMITTEE MEMBERS:

Chair: Tim Paetkau