



2ND ANNUAL BEAUFORT DELTA REGIONAL SKILLS COMPETITION – SCOPE DOCUMENT

53 – SMALL POWERED EQUIPMENT (SMALL ENGINE REPAIR) SECONDARY LEVEL

PURPOSE OF THE CHALLENGE

DURATION: 6 HOURS

To recognize and reward the Small Powered Equipment students who demonstrate achievement in skills and knowledge necessary to service today's small powered equipment.

LIMIT: 4 CONTESTANTS

SKILLS AND KNOWLEDGE TO BE TESTED

To determine skills and competencies in all general areas of Small Powered Equipment, the competitors will be required to compete in the following areas:

- routine maintenance and safety
- tool identification specific to small engine servicing
- small engine parts identification
- general carburetion system / component identification and repair / diagnostics
- electrical system / component identification / repair / diagnostics
- use of service manuals
- use of precision measurement tools
- use of diagnostic equipment

NOTE: EQUIPMENT WILL NOT BE OPERATIONAL DUE TO SAFETY CONSTRAINTS

EQUIPMENT, TOOLS, SUPPLIES, AND CLOTHING

Provided by the competitor:

- CSA approved safety footwear
- Coveralls

Provided by the committee:

- small engines / parts / components
- all necessary tools, materials, diagnostic equipment, shop equipment

NOTE: Failure to comply with safety regulations will result in disqualification or removal of competitor from the competition.

Safety goggles/glasses, approved footwear, and appropriate work apparel [coveralls, shop coats] must be worn at all times.

POINT BREAKDOWN / 100 TOTAL

Competency related multiple choice examination	25%
Practical competencies	75%

Note: Judging of competition will be based upon the following criteria –

- Knowledge exhibited by the level of completion of written test
- Comprehension of written instructions and safe service procedures
- Interpretation and performance of all tasks
- Diagnostic abilities
- Safe and clean work habits

TECHNICAL COMMITTEE MEMBERS - JUDGES

Randy E. Palsson, Technical Chair
Samuel Hearne Secondary School
Inuvik, NT

867-777-7170 or 867-777-7251

Email: randy_palsson@bdec.learnnet.nt.ca