



## CONTEST SCOPE

Contest Chair

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Reading Muhlenberg CTC

*2615 Warren Road Reading PA 19606*

### Contest:

Power Equipment Technology Repair

### Purpose:

Contests will adhere to EETC and OSHA Professional and Safety standards.

### Clothing:

Contest/Industry appropriate clothing. Students will not be penalized for clothing unless it is a safety violation.

## Equipment and Material:

### Equipment/Tools/Materials Provided by Host School:

Equipment that will be provided to all students

Safety glasses, Hand tools and all equipment will be provided by BCTC.

### Equipment/Tools/Materials Provided by the Contestant:

Contestants are welcome to bring any engine measuring tools such as micrometers or circuit testing tools such as multimeters if they feel more comfortable with a specific type or brand. We will however provide those tools. We use basic popular types and brands found in industry.

## **Scope of Contest**

Competitors will be expected to demonstrate their skills by completing the following tasks-written test, measure internal engine parts and compare to spec, parts and tool identification test, diagnose and repair engine no start condition, repair and replace starter pull rope, demonstrate knowledge of use of digital multimeter and complete basic electrical measurements. Complete a repair order with parts markup and sales tax. Total time limit for completion is 2 hours 15 minutes.

## **Additional Information**

All tools and equipment will be provided to competitors.