



# National Craft Assessment and Certification Program SPECIFICATIONS

## Heavy Equipment Operator: Motor Graders (HEOMG22)

Released in 2008.

### Overview

This written assessment is a two (2) hour closed book examination. You will be permitted to use a basic function, non-printing calculator during the examination. The Assessment Center will provide any necessary pencils. No extra papers, books, notes or study material are allowed in the testing area.

### Study Material

All NCCER written assessments are referenced to NCCER's curriculum listed in the content. You may order modules from Pearson (800.922.0579) or from NCCER's Online Catalog at [www.nccer.org](http://www.nccer.org)

### Assessment Development

All questions on each assessment have been developed and approved by subject matter experts from the respective craft. Assessment development and administration is direction of Prov™, NCCER's testing partner.

### Credentials

NCCER will send appropriate credentials (certificate, wallet card and official transcript), to the Assessment Center upon successful completion of the written assessment.

### Training Prescription Reports

Each candidate will have access to individual results of the written assessment from Prov's web site ([www.provexam.com](http://www.provexam.com)). This training prescription will include the overall score and results by topic area.

### National Registry

Assessment results will be maintained in NCCER's National Registry and become a part of each candidate's training records. These records are stored and become a portable record of the candidate's training and assessment achievements.

### Focus Statement

The motor grader operator masters all concepts and procedures involved in the operation of motor graders. This includes basic daily preventive maintenance, safety checking, and control of the machine. He/she will identify the main attachments used with motor graders, and the use of motor graders in performing ditching, grading, ripping, and scarifying operations.

## Written Assessment Contents:

Module Number	Topic Area	Number of questions
22102-05	Heavy Equipment Safety	5
22104-05	Basic Operational Techniques	10
22106-05	Grades, Part One	7
22201-06	Introduction to Earth Moving	8
22207-06	Excavation Math	10
22208-06	Grades, Part Two	10
22209-06	Civil Blueprint Reading	5
22306-06	Advanced Operational Techniques	5
22308-06	Soils	5
22305-06	Motor Graders	25
<b>Total Number of Questions</b>		<b>90</b>

*The cut score for this assessment is 70%*

*A Performance Verification is available.*