

Heavy Equipment Operator: Motor Grader V2
AEN22MGRADE02
Updated May 2023

Focus Statement

A 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 identifies the main attachments used with motor graders and uses the motor grader to perform the appropriate work-related tasks.

Overview

- Two-hour closed-book examination
- May use a basic function, non-printing calculator
- No extra papers, books, notes or study materials are allowed
- A corresponding hands-on Performance Verification is available

Minimum passing score is 75.

NCCER Curriculum

All NCCER knowledge assessments are referenced to NCCER's curriculum modules as listed on this specification sheet. You may order books and modules from Pearson by visiting nccer.org/order-books-modules.

Assessment Development

All questions are developed and approved by subject matter experts under the direction of NCCER.

Credentials

Upon successful completion of the knowledge assessment, NCCER will send applicable credentials to the assessment center.

Score Report and Training Prescription

Each candidate will have access to their assessment results including their overall score and recommended training.

NCCER Registry

Knowledge assessment results are recorded in NCCER's Registry and become a part of the portable record of an individual's NCCER credentials.

Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
22102-12	Safety	7
22104-12	Basic Operations	10
22106-12 22210-13	Grades and Site Work	20
22201-12 22308-13	Earth Moving and Soils	13
22207-13	Math	10
22305-14	Motor Grader Operations	25

Total Number of Items

85