

**Heavy Equipment Operator: Backhoe V2**  
**AEN22BACKH02**  
*Updated May 2023*

**Focus Statement**

A backhoe operator masters all concepts and procedures involved in the operation of backhoes. This includes basic daily preventive maintenance, safety checking, and control of the machine. He/she identifies attachments and uses the backhoe 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](http://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
22303-14	Backhoe Operations	25

**Total Number of Items**

**85**