



National Craft Assessment and Certification Program S P E C I F I C A T I O N S

Industrial Maintenance Support Mechanic IMSUP32

Released 2008

Overview

This knowledge assessment is a two-hour closed-book examination. You will be permitted to use a basic function, non-printing calculator during the examination. No extra papers, books, notes or study material are allowed in the testing area.

NCCER Curriculum

All NCCER knowledge assessments are referenced to NCCER's curriculum modules as listed on this specification sheet. You may order modules from Pearson (800.922.0579) or from NCCER's Online Catalog at www.nccer.org.

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.

Focus Statement

The industrial maintenance support mechanic demonstrates good safety practices and high quality standards, as well as basic mechanical and mathematical skills. A support mechanic isolates and blinds, cleans and assists in working on industrial equipment, and assists in testing and leak detection.

Knowledge Assessment Contents:

Module Number	Module Name	Number of Questions
00101-04	Basic Safety	4
00102-04	Introduction to Construction Math	8
00106-04	Basic Rigging	4
32102-07	Tools of the Trade	4
32105-07	Gaskets and Packing	4
32106-07	Craft-Related Mathematics	4
32107-07	Construction Drawings	4
32109-07	Introduction to Valves	5
32111-07	Material Handling and Hand Rigging	4
32112-07	Mobile and Support Equipment	5
32113-07	Lubrication	4
32201-07	Basic Layout	4
32202-07	Introduction to piping Components	4
32204-07	Introduction to Ferrous Metal Piping Practices	4
32205-07	Identifying, Installing and Maintaining Valves	4
32206-07	Hydrostatic & Pneumatic Testing	6
32207-07	Introduction to Bearings	4
32210-07	Distillation Towers and Vessels	6
32211-07	Heaters, Furnaces, Heat Exchangers, Cooling Towers, and Fin Fans	6
Total Number of Questions		88

The minimum passing score is 65.

A corresponding hands-on Performance Verification is available.

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