



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

Industrial Maintenance Support Mechanic (IMSUP)

Released 2008

Overview

This written assessment is a two-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 materials are allowed in the testing area.

Study Material

All NCCER written assessments are referenced to NCCER curriculum listed in the content. You may order modules from Pearson (800.922.0579) or from NCCER's Online Catalog at 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 under the 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 website at 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 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.

Written Assessment Contents:

| Module | Topic Area | # Questions |
|------------------------|--|-------------|
| 00101-04 | Basic Safety | 8 |
| 00102-04 | Introduction to Construction Math | 4 |
| 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 QUESTIONS | | 88 |

The minimum passing score for this assessment is 65%.

A Performance Verification is available.