

Industrial Maintenance Support Mechanic V1
IMSUP32
Updated 2008

Focus Statement

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

Overview

- Two-hour closed-book examination
- May use a basic function, non-printing calculator
- No extra papers, books, notes or study materials are allowed

Minimum passing score is 65.

Performance Verification

A corresponding hands-on Performance Verification is available.

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 www.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 or performance verification, credentials can be viewed and printed by the individual or assessment program through their NCCER Account.

Score Report and Training Prescription

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

Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
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

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Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
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 Items		88