

## Industrial Maintenance Support Mechanic

### IMSUP32

*Updated November 2024*

#### 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. This assessment is referenced to NCCER's 3rd edition of the Industrial Maintenance Mechanic curriculum. You may order books and modules from Pearson by visiting [www.nccer.org/order-books-modules/](http://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	Basic Safety	6
00102	Introduction to Construction Math	4
00106	Basic Rigging	2
32102	Tools of the Trade	4
32105	Gaskets and Packing	4
32106	Craft-Related Mathematics	4
32107	Construction Drawings	4

## Industrial Maintenance Support Mechanic

### IMSUP32

*Updated November 2024*

#### Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
32109	Introduction to Valves	5
32111	Material Handling and Hand Rigging	4
32112	Mobile and Support Equipment	5
32113	Lubrication	4
32201	Basic Layout	4
32202	Introduction to Piping Components	4
32204	Introduction to Ferrous Metal Piping Practices	4
32205	Identifying, Installing and Maintaining Valves	4
32206	Hydrostatic & Pneumatic Testing	6
32207	Introduction to Bearings	3
32210	Distillation Towers and Vessels	3
32211	Heaters, Furnaces, Heat Exchangers, Cooling Towers, and Fin Fans	4

**Total Number of Items**

**78**