



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

Industrial Insulator V2 (INSUL19_01)

Updated October 2007

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

An Industrial Insulator will know basic safety practices and all the tools of the trade. He/she will also know the characteristics and applications of all types of pipe insulation as well as their installation. i.e., calcium silicate/expanded perlite pipe insulation, mineral wool, rigid foam, board and block insulation, cement and fabric finishes, and mastics. An Industrial Insulator will know the processes for sheet metal lagging, and the fabrication of jacketing for piping, fittings, vessels and equipment. He/she

will also know practices for installing pipe fittings, valves and flanges.

Written Assessment Contents:

Module Number	Topic Area	# of Questions
00101	Basic Safety	4
19103	Tools of the Trade	7
19105	Characteristics of Pipe Insulation	4
19107	Installing Pipe Fittings, Valves and Flanges	6
19204	Installing Calcium Silicate / Expanded Perlite Pipe Insulation	9
19205	Installing Mineral Wool Insulation	4
19206	Installing Rigid Foam Insulation	9
19207	Installing Board and Block Insulation	4
19208	Cement and Fabric Finishes and Mastics	4
19301	Trade Math	5
19304	Adhesives and Their Uses	4
19310	Jacketing Fabrication – Piping and Fittings	10
19311	Jacketing Fabrication – Vessels and Equipment	6
19312	Sheet Metal Lagging	4
	Total Number of Questions	80

The cut score for this Assessment is 70 %.

A Performance Verification is available.

*This assessment is also available in Spanish.
(INSUL19S)*