



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

## Lattice Boom Crane V2

LAW21\_02

Released September 2010

### Overview

This written assessment is a three-hour, closed-book examination complemented with practical exams for an equipment-specific certification. You will be permitted to use a nonprogrammable, nonprinting calculator during the examination. The assessment center will provide any necessary pencils and necessary load charts. No extra papers, books, notes or study material are allowed in the testing area.

### Assessment Development

All questions on each assessment have been developed and approved by subject matter experts from the respective craft. Assessment development and administration operates under the direction of Prov, NCCER's testing partner.

### Training Prescription Reports

Each candidate will have access to individual written assessment results at [www.provexam.com](http://www.provexam.com). This training prescription will include the overall score and results by topic area.

### Accreditation

NCCER's Mobile Crane Operator Certification Program is accredited by ANSI. Please ask your testing center for details.

### National Registry

Certification results will be maintained in NCCER's National Registry. These records are stored and become a portable record of your assessment achievements.

### Credentials

NCCER will send appropriate credentials (certificate, wallet card, and official transcript) to the assessment center upon successful completion of all requirements for mobile crane operator certification.

### Written Assessment Contents:

Domain	Topic Area	# of Questions	
<b>Technical</b>	Federal & State Regulations	3	
	Principles of Craning Operations	2	
	General Crane Related Terminology	2	
	Structural Limitations of the Crane, Auxiliary Equipment & Attachments	1	
	Wire Rope	4	
	Rigging & Rigging Hardware	4	
	Load Information	1	
	<b>Jobsite</b>	Ground Stability	1
	Electrical Hazards	2	
	Blocking, Cribbing & Mats	1	
	<b>Normal Operations</b>	Communications & Signaling	2
	Common hand signals	2	
	Crawler hand signals	1	
	Pre-operational Inspection & Maintenance	2	
	Proper Crane Set-up	2	
	Adverse Weather Conditions	1	
	Load Movement	5	
	Operator Assist Devices, Electronic & Manual	1	
	Advanced Operations	2	
	<b>Capacity Charts</b>	General Capacity Chart Knowledge	2
	Capacity Chart Components (Math)	4	
	Capacity Chart Components (Look up)	5	
	Determining Capacity Using Capacity Charts (Math)	6	
	Determining Capacity Using Capacity Charts (Look up)	4	
<b>Total Number of Questions</b>		60	

*The minimum passing score is 80.*