

# MIOSHA Fact Sheet

## Sample Crane Operator Evaluation

### CRANE OPERATOR EVALUATION SUMMARY



(The employer must make the document available at the worksite while the operator is employed by the employer. Electronic accessibility is permitted.)

Date: \_\_\_\_\_ Company: \_\_\_\_\_

#### Crane Operator and Evaluation Information

Operator Name:	Certification Type:
Certification Number:	Medical Card Exp. Date:
Evaluator Name:	Location of Evaluation:

#### Crane and Configuration Information

Crane Manufacturer and Model: \_\_\_\_\_

Crane Type: \_\_\_\_\_ Crane Rated Capacity: \_\_\_\_\_

Counterweight Configuration:	
Main Boom Length:	Main Boom Mode:
Main Boom Attachments:	Jib Type: _____ Jib Length: _____
Number of Hoist Drums in Service:	Number of Falls per Lift Point: _____

#### Crane Operator Evaluation Criteria

(Evaluator to initial each based-on Crane Manufacturer, Model and Configuration)

Initial	Item
	Crane Operator has reviewed the Operator's Manual and is familiar with its contents
	Crane Operator is familiar with the Manufacturer's Crane Set-Up instructions
	Crane Operator is familiar with the Safety Devices and their functionality
	Crane Operator is familiar with the Operational Aids and their functionality and limitations
	Crane Operator is familiar with and can configure the Load Moment Indicator (LMI)
	Crane Operator can interpret the Load Chart(s) based on the crane's configuration
	Crane Operator can interpret and apply the crane's Rated Capacity Deductions (i.e. wind, leveling)
	Crane Operator is familiar with the Shift Inspection Criteria
	Crane Operator is familiar with regulations for operations near energized power lines

The above Crane Operator has demonstrated the skills, knowledge, and the ability to recognize and avert risk necessary to operate the assigned crane. Identified within this document under the configuration specified for the following Hoisting Activities (Check all that apply as verified):

Standard Lift     Pick and Carry Operations     Multiple Piece Lifts

Other: \_\_\_\_\_

(examples may include but are not limited to; critical lifts, blind lifts, pick and carry, multi-crane lifts, personnel hoist, working near powerlines, etc.)

The above Crane Operator under the supervision of the Evaluator has been verified competent to operate the assigned crane contained within this document for the above Hoisting Activities (signatures are required for verified competency).

Crane Operator Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Evaluator Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Phone: \_\_\_\_\_

**Modification and/or unique crane operations may require a separate evaluation.**

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# CRANE OPERATOR EVALUATION WORKSHEET

As required by 1926.1427(f)

Date: \_\_\_\_\_ Company: \_\_\_\_\_

## Crane Operator and Evaluation Information

Operator Name:	Certification Type:
Certification Number:	Medical Card Exp. Date:
Evaluator Name:	Location of Evaluation:

## Crane and Configuration Information

Crane Manufacturer and Model: \_\_\_\_\_

Crane Type: \_\_\_\_\_ Crane Rated Capacity: \_\_\_\_\_

Counterweight Configuration:	
Main Boom Length:	Main Boom Mode:
Main Boom Attachments:	Jib Type: _____ Jib Length: _____
Number of Hoist Drums in Service:	Number of Falls per Lift Point:

## Crane Operator Experience

(List previous verified operating experience relevant to this crane manufacturer, model and configuration.)

Date: \_\_\_\_\_ Crane Model: \_\_\_\_\_ Crane Configuration: \_\_\_\_\_ Company: \_\_\_\_\_

Hoisting Activity Performed:

Standard Lift

Other: \_\_\_\_\_

(examples may include but are not limited to: critical lifts, blind lifts, pick and carry, multi-crane lifts personnel hoist, working near power lines, etc.)

Date: \_\_\_\_\_ Crane Model: \_\_\_\_\_ Crane Configuration: \_\_\_\_\_ Company: \_\_\_\_\_

Hoisting Activity Performed:

Standard Lift

Other: \_\_\_\_\_

(examples may include but are not limited to: critical lifts, blind lifts, pick and carry, multi-crane lifts personnel hoist, working near power lines, etc.)

Date: \_\_\_\_\_ Crane Model: \_\_\_\_\_ Crane Configuration: \_\_\_\_\_ Company: \_\_\_\_\_

Hoisting Activity Performed:

Standard Lift

Other: \_\_\_\_\_

(examples may include but are not limited to: critical lifts, blind lifts, pick and carry, multi-crane lifts personnel hoist, working near power lines, etc.)

## Crane Knowledge Evaluation

For this part of the evaluation, the crane should be set-up in the configuration specified for the project. Use the Operators Manual and Load Chart to evaluate the Crane Operator's knowledge of the crane.

Question	Answer	Page #
What is the Serial Number for this crane?		
What are the Manufacturer's Crane Set-Up Instructions?		
What are the regulations for operations near energized power lines?		
What is the Daily Shift Inspection Criteria for this crane?		
What Safety Devices are included on this crane? Does the horn function properly?		
Has the Level Indicator been confirmed to be accurate?		
Per the configuration, what Limit Switches need to be tested?		
What is the Maximum Main Boom Length for the current configuration?		
What is the Maximum Tip Height for the current configuration?		
What is the Max Permissible Line Pull for a single part of line when lifting from main hoist drum?		
Is the line pull based on hoist performance? If yes, what is the Minimum Line Pull?		
Is the crane equipped with an LMI? If so, what model is it?		
What is the LMI operating code for the current configuration?		
How is the Radius Indicator verified?		
What is the Minimum Radius when lifting in current configuration?	Lift Point – Radius –	
What is the Maximum Radius when lifting in current configuration?	Lift Point – Radius –	
What is your Maximum Capacity in current configuration (not considering line pull)?		
What are your Deductions from Gross Capacity in the current configuration?		
Are there Limitations and/or Deductions from wind in the current configuration? Provide.		
Are there Limitations and/or Deductions from leveling in the current configuration? Provide.		
In what conditions are all hoisting activities STOPPED due to external conditions?		

### **Practical Field Operation Evaluation**

For this part of the evaluation, document the Crane Operator's ability to operate the crane in its configuration based on the possible Hoisting Activities that will be required (check and include all that apply).

Standard Lift     Pick and Carry Operations     Multiple Piece Lifts

Other: \_\_\_\_\_

(Examples may include but are not limited to: critical lifts, blind lifts, pick and carry, multi-crane lifts, personnel hoist, working near power lines, etc.)

The Operator at a minimum should show competency on crane set-up, inspection criteria, starting of the crane, LMI set-up, understanding of hand signals given, and the ability to run the crane in a controlled cautious manner.

Evaluator Notes:

If the Crane Operator has shown competency during this evaluation including both the knowledge and practical portions of the evaluation for the identified crane and configuration, complete the Crane Operator Competency Assessment. Attach a copy of the completed Crane Operator Evaluation Summary to this evaluation.

Modification and/or unique crane operations may require a separate evaluation.