

# Overhead Crane Performance Evaluation

Name \_\_\_\_\_ Score    /22    Date    /   /   

Assessor's Name \_\_\_\_\_

## PHASE 1 – PRE-OPERATIONAL INSPECTION

	Yes	No	Action
1			Inspect functional operating mechanisms for proper operation
2			Inspect for deterioration of any crane elements (visual check of crane)
3			Inspect hook(s) for deformation or cracks
4			Inspect wire rope including end connection(s) for damage
5			Inspect all functional operating mechanisms and limit switches for proper operation
6			Inspect wire rope reeving for noncompliance with manufacturer's recommendations
7			Did the operator determine the weight of the load to be lifted?
8			Did the operator determine the manufacturer's rated capacity of the crane/hoist?
Qty			Instructor: Add all "Yes" and "No" scores. Yes Minimum Score Allowed = 7

## PHASE 2 – LIFT PREPARATION

	Yes	No	Action
9			Verify hoist rope is not twisted
10			Ensure the load is attached to the load block hook by proper rigging gear
11			Make certain that slings and gear are properly padded
12			Ensure load is secured and balanced before being lifted more than a few inches
13			Verify load travel path is clear of personnel and obstructions
14			Operator limits lifted load to necessary travel clearance
15			Operator places hook over load to prevent load swing
Qty			Instructor: Add all "Yes" and "No" scores. Yes Minimum Score Allowed = 6

## PHASE 3 - LOAD CONTROL

	Yes	No	Action
16			Operator performed a true vertical lift that minimized load swing
17			Operator maintains control of load throughout load movement
18			Operator maintains load close to ground throughout lift
19			Operator responds to stop signal (Provided at any time by instructor)
20			Operator does not jog the load in vertical
21			Operator places load in designated area smoothly and under control
22			Operator places empty crane hook in location that will not cause an obstruction
Qty			Instructor: Add all "Yes" and "No" scores. Yes Minimum Score Allowed = 6

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## DISQUALIFICATION ACTS

*Any of the following acts is reason to disqualify the operator from the testing process.*

	Yes	No	Action
<b>D1</b>			Operator allows load to contact any obstacle
<b>D2</b>			Operator allowed load to contact ground during travel/maneuver
<b>D3</b>			Uncontrolled or reckless operation
<b>D4</b>			Failed to obey a stop or emergency stop signal
<b>D5</b>			Lifted the payload over personnel
<b>D6</b>			Other

Phase 1 Score	Phase 2 Score	Phase 3 Score	Total Score
Less than 7 = 0	Less than 6 = 0	Less than 6 = 0	Less than 19 = Unsat

## Signatures

**Student:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Assessor:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Place this completed form in the Safety Mailbox at the East Reception desk, or scan and email it to [safety\\_training@lle.rochester.edu](mailto:safety_training@lle.rochester.edu).**