

Overhead Crane Operator Job Performance Measure (TQ-CRANE-P)

Candidate Name (Print):	Life/Guest/Contractor Number	Department/Division
Evaluator Name (Print):	Date JPM Completed	Bldg. Number where JPM Performed

Prerequisite Information

Prerequisites and Practice/Observation Activity must be completed before job performance measure is administered.

Overhead Crane Operator (HP-Q010 or HP-Q010-W) Course Completion	Date: _____
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Practice or observation activity verified by: _____
OJT Instructor

New operator: The undersigned evaluator declares that the candidate has been provided with _____ hours of hands-on practice time with performance feedback and demonstrated his/her capability on the steps in this checklist, using the specified equipment type under the direct supervision of a qualified operator. Sufficient operator skill, competence, and confidence have been demonstrated on these steps at the required performance standard to warrant a practical evaluation.

Incumbent operator: The undersigned evaluator or supervisor has observed the above-named person operating the specified equipment and performing the checklist steps for a period of _____ in a safe and competent manner, negating the need for further on-the-job training before the practical evaluation is administered.

Equipment Qualifications

Mark those successfully demonstrated

Type Controls				Equipment Type	Ton Range	Qualification Codes
Pendant	Remote	Manual	Cab			
				Bridge Crane	01-05 Ton	TQ-MHQUAL-CRANE-B5
				Bridge Crane	06-20 Ton	TQ-MHQUAL-CRANE-B20
				Bridge Crane	21 Ton and Over	TQ-MHQUAL-CRANE-B21
				Cab Crane	01-05 Ton	TQ-MHQUAL-CRANE-C5
				Cab Crane	06-20 Ton	TQ-MHQUAL-CRANE-C20
				Cab Crane	21 Ton and Over	TQ-MHQUAL-CRANE-C21
				Jib Crane	Over 1 Ton	TQ-MHQUAL-CRANE-J1+
				Jib Crane	Up to 1 Ton	TQ-MHQUAL-CRANE-J1
				Monorail Crane	01-05 Ton	TQ-MHQUAL-CRANE-M5
				Monorail Crane	06-20 Ton	TQ-MHQUAL-CRANE-M20
				Portable Frame Crane	Over 1 Ton	TQ-MHQUAL-CRANE-PF1+
				Portable Frame Crane	Up to 1 Ton	TQ-MHQUAL-CRANE-PF1
				Structural Mount Crane	Over 1 Ton	TQ-MHQUAL-CRANE-SM1+
				Structural Mount Crane	Up to 1 Ton	TQ-MHQUAL-CRANE-SM1

This qualification is limited to operating overhead cranes & hoisting equipment in the performance of maintenance evolutions. This qualification excludes rigging tasks.

Submit form to Training, Building 400, for individuals who have successfully completed this Job Performance Measure.

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Signatures indicate successful demonstration of all 5 steps and confidence in ability to operate equipment as defined.

Evaluator Signature: _____

Date: _____

Trainee Signature: _____

Date: _____

Supervisor Signature: _____

Date: _____

	Steps	Standard	Pass	Fail	Hold
01	Inspect Site and Plan Work	<ul style="list-style-type: none"> • Inspect the work location • Identify hazards, precautions and safety measures • Identify applicable engineering & admin controls • Identify applicable Subject Areas • Identify applicable permits (e.g., LOTO) • Determine electric clearances and precautions • Specify fall protection/arrest equipment as applicable • Identify fall arrest (5,000 psi) hook-up points • Specify all PPE requirements • Identify equipment, tool, material & personnel needs • Identify & comply with personnel T&Q requirements • Establish a work plan 			
02	Make Safe and Prepare to Work	<ul style="list-style-type: none"> • Follow safety & health protocols and permits • Rectify substandard ES&H conditions, if practical • Rectify substandard work surface conditions • Barricade, establish and control the work zone • Safeguard personnel in the work location • Forewarn others about overhead crane operations • Adhere to electric clearance limits and precautions • Use precautions for overhead hazards/obstacles • Adhere to job/task/tool/equipment specific work and safety precautions • Ensure good house keeping throughout operations • Don fall protection equipment and hookup • Don PPE (e.g., safety shoes, hard hat, safety glasses & gloves) 			
03	Pre-Use Inspection of the Overhead Crane	<ul style="list-style-type: none"> • Use DOE STD 1090-2004 and Plant Engineering criteria and check lists to inspect the overhead crane or hoisting device for serviceability 			
04	Operate the Overhead Crane and Work the Plan	<ul style="list-style-type: none"> • Use DOE STD 1090-2004 and Plant Engineering criteria to operate the overhead crane or hoisting device • Ensure safety precautions are understood & followed • Ensure PPE is used • Ensure verbal communications with personnel throughout operations • Ensure safety clearances of personnel • Ensure nonessential personnel stay out of the work zone 			
05	Secure Operations	<ul style="list-style-type: none"> • Adhere to DOE and BNL safety guidance 			