

**Module 48101-10 has no Performance Profile Sheet;
no performance testing is required for this module.**

Craft: Tower Crane Operator

Module Number: 48102-10

Module Title: Basic Principles of Tower Cranes



Contren® Learning Series

TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
2	1. Identify the basic components of one or more tower cranes.	
6	2. Identify operator aids for one or more tower cranes.	
6	3. Identify safety devices for one or more tower cranes.	

**Module 48103-10 has no Performance Profile Sheet;
no performance testing is required for this module.**

Craft: Tower Crane Operator

Module Number: 48104-10

Module Title: Rigging Practices



Contren® Learning Series

TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
3, 4	1. Configure a sling to produce a single leg/single wrap basket hitch.	
3, 4	2. Configure a sling to produce a single leg/double wrap basket hitch.	
3, 4	3. Configure a sling to produce a single leg/single wrap choker hitch.	
3, 4	4. Configure a sling to produce a single leg/double wrap choker hitch	
3, 4	5. Select the correct tag line for a specified load.	

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Craft: Tower Crane Operator

Module Number: 48105-10

Module Title: Load Charts



Contren® Learning Series

TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
3	1. Identify the boom angle, boom (jib) length, and load radius on a load/capacity chart for a luffing boom tower crane.	
3	2. Identify the boom (jib) length and load radius on a load/capacity chart for a hammerhead tower crane.	
3	3. Identify the tower height and load radius for a self-erecting tower crane on a load/capacity chart.	

continued

Craft: Tower Crane Operator**Module Number: 48105-10****Module Title: Load Charts**

Contren® Learning Series

Objective	TASK	RATING
3, 6	4. Determine parts of line and counterweight considerations in load/capacity chart information.	
4	5. Calculate tower crane capacities using load/capacity charts.	

Craft: Tower Crane Operator

Module Number: 48106-10

Module Title: Communications



Contren® Learning Series

TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
2	1. Demonstrate the proper use of hand signals as specified by <i>ASME B30.3</i> .	
1, 2	2. Direct an operator to move and place a load using the appropriate hand signals.	
5	3. Demonstrate communication procedures using a handheld radio.	

Craft: Tower Crane Operator

Module Number: 48107-10

Module Title: Operating a Tower Crane



Contren® Learning Series

TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
1	1. Survey a job site for potential hazards related to ground support.	
1	2. Select and determine lift location.	
3	3. Perform pre-operation and post-operation inspections.	
4	4. Interpret and follow hand signal and voice commands.	
5	5. Use tower crane controls to smoothly maneuver a load.	
6	6. Safely shut down a tower crane.	

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