

Crane Operator Evaluation Form [1427(f)]

| | |
|-------------------------------------|-----------------------------------|
| Operator Name: | Make & Model: |
| Evaluator Name [1427(f)(4)]: | Type & Capacity: |
| Evaluation Location: | Operator Experience (Yrs): |
| Initial or Re-Evaluation: | Date: |
| Crane Configuration: | |

“CD” = Competency Demonstrated

“ATR” = Additional Training Required

Employer must ensure each operator is qualified by demonstration of the following [1427(f)(1)]

| <u>Step</u> | <u>Evaluation</u> | <u>CD</u> | <u>ATR</u> | <u>Comment</u> |
|-------------------------|--------------------------------------------------------------------------------------------------------------------|-----------|------------|----------------|
| 1. Pre-Shift Inspection | Operator performed a thorough pre-shift inspection? | | | |
| 2. Load Inspection | Operator has inspected the load and verified it is structurally sound? | | | |
| 3. Rigging | Operator verified rigging has passed inspection & made appropriate selection for the capacity and application? | | | |
| 4. Lift Plan | Operator understands the lift plan and performed duties according to tasks outlined in the plan? | | | |
| 5. Crane Operation | Operator has the knowledge of crane limitations and ability to use crane functions safely & identify warnings? | | | |
| 6. Load Control | Operator has the knowledge and skill necessary to lift, move, and place the load safely? | | | |
| 7. Project Awareness | Operator is aware of surroundings throughout the lift and shows knowledge and ability to recognize and avert risk? | | | |
| 8. Post-Shift | Operator has applied safe shut-down and securing procedures? | | | |

Itemized guidelines for each step are listed on back of form.

| | |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NOTE: | <i>Any items marked “Additional Training Required” must be addressed prior to allowing the Operator to continue additional lifts. Employer is required to provide additional guidance and/or training necessary to become a competent Operator. [1427(b)(5)]</i> |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Operator Signature: _____

Evaluator Signature [1427(f)(6)]: _____

Date completed: _____

- Employer is responsible for making this document available at the worksite while operator is employed by the employer. [1427(f)(6)] — (Prior employer’s evaluation is not valid)
- Employer is required to re-evaluate operator if it requires substantially different skills, knowledge, or ability to recognize and avert risk to operate. [1427(f)(5)]
- Additional forms and comments pertaining to this evaluation can be attached to this form.

OSHA Final Rule: 29 CFR 1926 Subpart CC, Cranes & Derricks in Construction

This final rule is effective on December 10, 2018, except the amendments to [29 CFR 1926.1427](#)(a) and (f) (evaluation and documentation requirements), which are effective February 7, 2019 & fully enforced effective April 15, 2019.

1: Pre-Shift Inspection:

Operator Certification: Verify the operator has a current CIC certification card for the crane or similar [1427(d)(1)] and operator has been trained and has the skills, knowledge, and ability to recognize and avert risk necessary to operate the equipment safely for assigned work. [1427(j)]

General Crane Walk Around and inspection of the following hardware: Has operator performed a thorough inspection including such items as: guards, plates, wire rope, reeving, block, ball, hook, sheaves, boom, drums, jib, ladders, handrails, chocks, tires, fuel or oil leaks, outriggers, engine, fluid levels, battery, belts, hoses, lights, fire extinguisher, operators manual, load chart, & signed inspection form.

2: Load Inspection:

Inspected the load to verify weight and appropriate lifting points, stability of load, and verify the load will retain its integrity throughout the lift and will withstand forces from dynamic loading.

3: Rigging:

Understands proper inspection, standards, and safe procedures for various rigging such as wire ropes, synthetic slings, chains, shackles, hooks, and any other specialized rigging equipment and hardware utilized. Ability to select the appropriate rigging for the capacity of the load to be lifted. Is a tag line required? Is load stable and properly secured?

4: Lift Plan:

Is the operator familiar with lift plans and understands the subject matter? Has the lift plan been discussed with all personnel involved in the lift, especially the signal person. Understands and can follow hand and voice signals. Have all overhead hazards been reviewed and addressed to maintain safety throughout the lift.

5: Crane Operation:

Operator has physical & mental ability to move, set up, and level the crane to within 1% of plumb, configure the crane (counterweight selection, outrigger position, selection of optimal boom length, jib selection if necessary, etc.), properly set up the computer and all operational aids (LMI, anti-two block, etc.) and perform the pre-operational test on the devices. Checks for unusual noises, hoist operation, steering, brakes, limit switches, gauges, warning lights, visibility, angle indicator. Familiar with information in operator's manual including controls, operational aids, load charts, safety, and can safely operate crane as configured. Able to operate multiple hoist lines. Assure all safety devices are in good working condition.

6: Load Control:

Able to boom, hoist, & swing load smoothly. Keeps load low. Maintains safe working speed. Understands boom and swing functions which may affect capacity. No sudden stops or rapid acceleration.

7: Project Awareness:

Aware of all overhead hazards, electrical lines, surrounding activities, workers, pedestrians, equipment or any possible interferences that may be encountered with the lift process. Operator has skills & knowledge as well as ability to identify and avert risk necessary to safely operate equipment. [1427(f)(1)(i)] Operator understands ability to refuse to hoist load if safety concern is not addressed. Understands the effect of dynamic loading conditions such as wind, which affect capacity, side loading, & stability.

8: Post Shift:

Load lowered to the ground, swing lock and brake engaged, engine turned off, slings and rigging properly stored to avoid damage from moisture, corrosion, & kinking. 1427(j)(2)(iv)]. Position crane as per crane manufacturer recommendations.

This form is designed to help you with compliance of [29 CFR 1926.1427](#)(a) and (f). It is the employer's responsibility to know the rule as well as all the evaluation / documentation requirements and to ensure they are met. Vertis Crane, LLC assumes no liability in proving compliancy with this form or in any other manner.