

Scope of Certification: Rotating Control Cranes

EICA has two separate types (schemes) of "Crane" certification: Rotating Control and Stationary Control. The crane certification types are not limited by capacity. In addition, the certification process is intended to address the use of Cranes in proximity to electrical power lines.

Rotating Control cranes have a telescoping main boom that travels using tracks or wheels.

Rotating-Control (RC): The swing, boom, hoist, telescope, and other basic control functions rotate along with the boom sections. The operator is housed in a cab or sits on a seat that also rotates with the boom. These cranes have capacities that typically range from 10-500 tons and more.

- Crawler cranes (with or without augers and pole guides)
- Wheel mounted cranes - single control station - **Rotating**
 - a) Rough terrain (RT)
- Wheel mounted cranes - multiple control stations - **Rotating**
 - a) Truck cranes

Operators that have obtained an EICA Rotating Control Crane certification, and are electrically qualified, have sufficient knowledge, skills, and abilities of operating a crane around the minimum approach distance in proximity of high voltage power lines. The EICA Rotating Control Crane certification demonstrates that the operator understands OSHA's rules regarding cranes in construction and maintenance of transmission and distribution lines. Operators that obtain an EICA Rotating Control Certification understand the machine's load chart capacity ratings and how to calculate loads. Candidates that have successfully completed the EICA Rotating Control Crane certification program will be able to demonstrate safe work operations and compliance with industry standards. EICA certified personnel are knowledgeable in site setup, inspections, operations, use of attachments, and machine securement.

The certification requirements for the Rotational Control type follow:

- The Rotating Control Crane certification requires passing the general written exam.
- The Rotating Control Crane certification requires passing the crane specialty written exam.
- The operational differences between rotating and stationary cranes demonstrate why control type is important. Therefore each crane type requires passing a separate practical exam.
- The successful completion of the rotating practical exam.
- Certification is awarded upon successful completion of the General Exam, Crane Specialty Exam and the corresponding practical exam for each control type.
- Crane certification equivalent to type (Rotating) can also be satisfied by using a rotating Digger Derrick since Tasks 1, 2, 3, 4, 6, and 8 are conducted in the same manner on both Cranes and Digger Derricks.