



# Missouri Valley JATC Mobile Training Services

## EICA Crane Certification Course

**Class Length:** Typically the class is done during a single training work week. Custom designed to each utilities training needs.

**Certification:** 3rd Party Crane Certification valid for 5 years issued once all practical and written exams are passed.

**Recertification: (Every 5 years)** Written Test on all exams w/ HOV attestation form completed.

**Certification ANSI approved by Type:** Once certified operators are able to run any equipment that has either a stationary or rotating turret. This certification includes all equipment including a digger derrick if one is used during the test.

**Practical Exams:** Stationary Controls / Rotating Controls / Digger Derrick. If Digger Derrick is used for both exams the operator obtains dual certifications on both a digger derrick and crane of either type (rotating turret/stationary)

**Written Exams: General Knowledge / Crane / Digger Derrick (Valued option)** There are three written exams that require a passing score of 69-70%. The digger derrick is an optional test to obtain crane certification.

In order to obtain a Rotating-Control or Stationary-Control EICA Certification, or a Digger Derrick EICA Certification, a candidate must take and pass both a Practical Exam and a Written Exam. The Practical Exam provides a demonstration of the candidate's skill level of operating a crane or digger derrick. EICA allows a candidate to pass multiple practical exams by using one piece of equipment, as long as the equivalent written specialty exam is passed.

For example, a digger derrick unit with rotating controls can be used for two practical exams; rotating crane and/or digger derrick. However, this example the digger derrick unit could not be used for stationary crane practical exams.

The Written Exam comprises of a general knowledge exam and specialty exams for the type of certification being attained (crane and/or digger derrick).

Passing grades for written exams:

General Written Exam = 68%

Digger Written Exam = 70%

Crane Written Exam = 70%

General knowledge exam has 75 questions with an 85 minute time limit.

Specialty exams have 35 questions with a 60 minute time limit.



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### **A Winning combination.**

Missouri Valley has world class trainers who's beliefs serve to better the utility industry. As our pass rate continues to service our customers primary objective, we extend our training and experience to leave the industry and culture of crane operators better than found.

Crane operators leave the class with advanced skills in performing inspections, proper setup, and safe operation of a crane and digger derrick.

Below is our typical schedule and course work:

- Monday: Written Exam Course Prep
- Tuesday: Written Exam Course Prep
- Wednesday: Third Party Written Exam / Hands on Crane Training
- Thursday: Practical Exams
- Friday: Inclement Weather TBD / Used as needed.

### EICA Crane Certification Areas of Study:

Introduction to the EICA Crane Certification.

Crane Types and Considerations.

Federal Standards and Regulations Overview.

Transporting Cranes / DOT Pre-Trip Inspection.

Site Review, Access, and Work Zone Identification.

Crane Set-up / Assembly, Special Precautions.

Crane Inspections.

Crane Stability.

Making Lifts.

Rigging / Signaling.

Shutting Down and Securing the Crane.

Digger Derrick Safe Operations.