# Scope

The Crane & Rigging micro-credential for Basic Crane Awareness sets the minimum requirements for a person to demonstrate knowledge of cranes and the competence to work safely around cranes during lifting operations within the wind industry.

# MICRO-CREDENTIAL Crane & Rigging Basic Crane Awareness

### Crane Basic Awareness

#### To prove competency, the Technician MUST

1. Identify crane type
2. Identify crane capacity
3. Demonstrate how to read and identify a lift chart
4. Identify the crane pad and set up area and requirements
5. Identify rigging capacity tags/plates
6. Be able to Read and identify crane inspection documents
7. Identify the lift plan
8. Identify critical lift plan
9. Be able to identify minimum distances from electrical sources per 29 CFR 1926.1407-1411.
10. Be able to identify and demonstrate the use of basic hand signals from the chart in 29 CFR 1926.1422
11. Identify the swing radius of a crane and the hazards present
12. Identify the restricted area under the load
13. Identify a two-block
14. Be able to identify the following components of a crane
    1. Boom
    2. Hoist rope
    3. Sheave
    4. Hook block/headache ball
    5. Hook
    6. Outrigger
    7. Pin and distance from axis rotation
    8. Counterweight
    9. Boom angle indicator
    10. Boom jib

### The Technician MUST

1. Shall demonstrate competence to a Qualified Evaluator. (Employer or third party)
2. Demonstrate practical knowledge by completing an oral evaluation by a Qualified Evaluator, employer or third party, or completing a written test with a score of 100%.