

SCORE SHEET GUIDE: Task 1

Task 1 - Site Survey / Setup

Identify Line Voltage

Circuit Map Voltage Check with Meter Verification by Utility Owner Equipment name plate

Power Line Clearance

MAD

Grounding

Minimum #2 AWG copper
Secured to proper location
Connections clean and tight

Pressed ferules in place
Proper head connector for application
Coils removed from cable

Barricading

Work Zone of Crane/Digger Derrick
Protect against Touch Potential

Pinch Points
Protect against Step Potential

Lock out/Tag out Procedures

Ask Candidate to discuss appropriate action based on finding a tag.

Contact issuer of Tag

Do not operate tagged component or machine

Issuer must remove tag

Removed under direction of management

Crawlers/Outriggers/Tires/Cribbing/Mats/Tires (based on machine used & full capacity)

Crawlers - Extended

Mats or cribbing used under floats/pads

Outriggers - Fully extended and set

Tire Inflation and condition

Checked machine level

Using on-board leveling system

Torpedo level on upper works

Pre-operation Inspection

Running Ropes

Wire Rope: Lubrication - Heat damage - Broken wires - Distortion - Kinks - Bird caging

Synthetic rope: Pulled strands - Frayed surface - Hockle - Cut fibers

Reeving:

Sheave (cracks)(broken edges)(excessive wear) (bearing rotation),
location

Drum Spooling

Single line head sheave

Safety Latches: In place - Operable - Undamaged

Lifting Hook: Cracks, twisting, enlargement of hook opening & excessive wear - Capacity rating

Block/Overhaul Device: Swivel operational - Wedge Socket termination compliance - Capacity rating - Balanced

Attachments Secured: Swing-Away Jib - Auger - Pole clamps stowed - Man basket secured

Operational Aids: LMI or LML working - Boom angle or radius indicator

Hoist drum indicator - Boom hoist limit - Boom length indicator

Windows Condition: Cracks - Breaks - Issues that hamper operator's view

Fluid Levels: Engine oil - Hydraulic oil - Air systems - Pressurized lines

Electrical Systems: Malfunctioning - Excessive deterioration - Dirt or moisture

Operational Controls: Return to neutral - Working - Outrigger controls Maladjustments

Safety Devices: Guards in place - Anti-two-block functioning