

# MINIMUM REQUIREMENT



## WP/SEA MINIMUM REQUIREMENTS Removing and Installing Welded Grating



### MEMORY JOGGERS

**Ensure that the following conditions are met before proceeding. If not met, address on WP/SEA.**

- Communicate the **“RIGHT TO STOP WORK AUTHORITY POLICY”** and is exercised by all crewmembers and other personnel that believe something or some condition has changed. The job is to be stopped and accessed before proceeding. The WP/SEA may need to be modified or a new WP/SEA maybe required before starting the work task again.
- Conduct work-site inspection.
- Do not over-reach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.
- Don't expose electrical tools to rain or wet conditions.
- Stay alert, watch what you are doing and use common sense operating a power tool.
- When operating a tool outside use an outdoor extension cord marked “W-A” or “W”. These cords are rated for outdoor use.
- Do not abuse cord. Never use the cord to pull the plug from the outlet. Keep cord away from heat, oil, sharp edges or moving parts
- Review with the crew proper use of hand tools and proper body positions when using them.
- Review Hot Work Minimum Requirements.
- Ensure Hot Work area is free and clear of materials that may burn. Use drain plugs and fire retardant blankets where necessary.
- Verify firefighting equipment is in good working order and adjacent to Hot Work area. Gas detector shall also be with fire watch, with fully charged battery.
- Review Fall Protection Minimum Requirements
- Verify the weight of the purposed scrap iron to be lifted is within the GIS Rigging Practice limits.
- Pins and whip checks must be fitted across all crow's foot connectors before starting.
- Verify clear access for emergency escape.
- Good communications shall be maintained between the lift operator and the crew while moving and lifting scrap iron.
- Steel slings with shackles should be used for handling scrap iron and discarded after used if damaged as per GIS Rigging Practices.
- Do not work over water in open hole situations if Sea Rescue Plan is not incorporated.
- Notify all personnel that you are starting to remove grating and that there will be a potential Open-Hole.
- Verify that all hard barriers and caution signs are in place before starting and are removed upon completion of work.

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**ENSURE MINIMUM REQUIREMENTS NUMBERS ARE RECORDED ON WP/SEA**

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1)	Verify <b>All</b> conditions identified in the “Memory Joggers” section are met (or are not applicable); if <b>ANY</b> are not met, <b>STOP</b> and add the necessary step to the WP/SEA to ensure the safest method possible.
2)	Verify Hot Work Permit for welding and cutting have been signed off by a customer representative before starting Hot Work. Implement GIS Hot Work Minimum Requirements as required.
3)	Review the work scope with the crewmembers and associated personnel before starting
4)	Verify before the welding and burning operations, one or more persons have been designated as fire watch with no other duties while actual welding or burning operations are in progress. The fire watch shall have in their possession Fire-fighting equipment in good working condition.
5)	Install Red Barrier Tape around work areas where fire or slag might fall.
6)	Install hard barricade around work area, using a spring loaded swing gate for entering and exiting barricade area.
7)	Implement Fall Protection Minimum Requirements as required.
8)	Establish Fall Protection.
9)	When required for the larger pieces install rigging as per GIS Rigging Minimum Requirements.
10)	For the small pieces ensure that a line is fastened to it and secure it from falling.
11)	Review Rescue Plan if work is being performed over water.
12)	Before removing grating cut new pieces or panels and have them ready for install
13)	Identify grating bars that are welded down.
14)	Cut welded bars on each end of weld with Saws-All or reciprocating saw.
15)	Remove the grating panel.
16)	If grating is welded on one side only use a sledge hammer to break the welds
17)	If the grating is welded on both sides the weld will require being gouged off or washed with a torch. (Refer to the Hot Work Minimum Requirements).
18)	Ground weld flush with beam.
19)	Attach rigging or safety line on new grating before installing.
20)	Set new piece of grating in insuring that it is supported on all leading edges.
21)	If grating has areas that flex when you walk over it check structural support.
22)	Install structural steel as required to prevent failure.
23)	Weld grating down as per specifications.
24)	Coat weld area as per company paint specifications.
25)	Supervisor or QA/QC must sign off before proceeding.
26)	Remove hard barricades.
27)	Remove all caution barricades.
28)	Clean areas of all scrapes and have equipment stowed away.
29)	Supervisor and crew to review area for cleanliness and that no areas were missed.

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