

Location of Work: \_\_\_\_\_



## DW-GoM Start Work Checks: Hot Work (Category 1)

**When to Complete – Before the start of any open flame or ignition source generating Hot Work activities.**

All exposed person(s) performing work are to confirm each safeguard is in place and working as intended. This Start Work Checklist is intended for any open flame or ignition source generating Hot Work activities.

Work Performer

OIM/PIC or Designee

How to examples:

**I HAVE  
CONFIRMED:**

**Circle**

**Circle**

**1** The Hot Work has been evaluated for energy isolation requirements.

All potential energy sources have been identified, isolated, locked, and tagged per isolation plan.

Yes

No

N/A

Yes

No

N/A

The system has been drained, flushed, or purged to remove flammable/explosive materials or gases.

Yes

No

N/A

Yes

No

N/A

Does this Hot Work require energy isolation?  
If yes: Complete Energy Isolation Start-Work Check. If no, continue to Step 2.

No

N/A

Yes

No

N/A

**2** The hazards have been identified, controlled and it is safe to start.

- A task risk assessment has been completed specific to the scope of work.

Yes

No

N/A

Yes

No

N/A

- Discussed hazards with the work team prior to the start of work.

Yes

No

N/A

Yes

No

N/A

- Checked for simultaneous operations that may introduce any additional hazards.

Yes

No

N/A

Yes

No

N/A

- A Safe Work Plan been approved by the Operations Manager.

Yes

No

N/A

Yes

No

N/A

- Safe Work Plan for this welding/burning been discussed in detail with the OIM/PIC, Operations/Maintenance Team Leader, Production Operator, Construction Representative, and all other persons involved in the Safe Work Plan.

Yes

No

N/A

Yes

No

N/A

- BSEE Approval has been obtained.

Yes

No

N/A

Yes

No

N/A

- Hot Work Permit been approved by the OIM/PIC and issued.

Yes

No

N/A

Yes

No

N/A

- The production operator, OIM/PIC or designee jointly inspected the piping, vessels, production sumps, wells, and valves in the work area to assure safe working conditions.

Yes

No

N/A

Yes

No

N/A

- The necessary controlled documents are located on site.

Yes

No

N/A

Yes

No

N/A

DW-GOM

May 2023

**OPS0096A-PR01**

WELDING AND BURNING ON OFFSHORE PRODUCTION  
PLATFORMS AND DRILLING/WORKOVER RIGS

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Rev 5.0

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|                                                                 |                                                                                                                                                                                                                                                                                                               |     |    |     |     |    |     |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|-----|-----|----|-----|
| <b>3</b> Is the Hot Work in a hazardous area?                   | <ul style="list-style-type: none"> <li>The initial gas test has been completed by a competent person:               <ul style="list-style-type: none"> <li>at all openings below and above the hot work area.</li> <li>at a minimum distance around the hot work area.</li> </ul> </li> </ul>                 | Yes | No | N/A | Yes | No | N/A |
|                                                                 | <ul style="list-style-type: none"> <li>Gas readings are within the required range.</li> </ul>                                                                                                                                                                                                                 | Yes | No | N/A | Yes | No | N/A |
|                                                                 | <ul style="list-style-type: none"> <li>Note: Confirm gas testing outside of defined hazardous area if required for other reasons. Gas testing should follow company requirements and applicable regulations.</li> </ul>                                                                                       | Yes | No | N/A | Yes | No | N/A |
| <b>4</b> The Hot Work atmosphere will be continually monitored. | <ul style="list-style-type: none"> <li>Follow-up test frequency is documented (e.g., permit) before starting work.</li> </ul>                                                                                                                                                                                 | Yes | No | N/A | Yes | No | N/A |
|                                                                 | Note: "Continually" is defined as continuous monitoring throughout the duration of work activities.                                                                                                                                                                                                           |     |    |     |     |    |     |
|                                                                 | <ul style="list-style-type: none"> <li>The Firewatcher is prepared to make and record periodic checks during the operation.</li> </ul>                                                                                                                                                                        | Yes | No | N/A | Yes | No | N/A |
| <b>5</b> Ignition sources are identified and controlled.        | <ul style="list-style-type: none"> <li>Barriers are in place to prevent ignition in the hot work area:               <ul style="list-style-type: none"> <li>drains, gaps, openings in tanks or piping have been covered/sealed.</li> <li>vents are isolated/routed away from the area.</li> </ul> </li> </ul> | Yes | No | N/A | Yes | No | N/A |
|                                                                 | <ul style="list-style-type: none"> <li>A trained Firewatcher has been designated and is at the work location</li> </ul>                                                                                                                                                                                       | Yes | No | N/A | Yes | No | N/A |
|                                                                 | <ul style="list-style-type: none"> <li>List the names of the trained Firewatchers on page 4.</li> </ul>                                                                                                                                                                                                       |     |    |     |     |    |     |
|                                                                 | <ul style="list-style-type: none"> <li>The Firewatcher has adequate firefighting equipment in the work area and knowledgeable in its use.</li> </ul>                                                                                                                                                          | Yes | No | N/A | Yes | No | N/A |
|                                                                 | <ul style="list-style-type: none"> <li>All other work on hydrocarbon process equipment been suspended until completion of welding operation.</li> </ul>                                                                                                                                                       | Yes | No | N/A | Yes | No | N/A |
| <b>6</b> Hazardous materials have been removed or isolated.     | <ul style="list-style-type: none"> <li>All flammable/combustible materials have been removed from the work area, or measures are in place to either cover (e.g., fire blankets), shield or keep them wet.</li> </ul>                                                                                          | Yes | No | N/A | Yes | No | N/A |
|                                                                 | <ul style="list-style-type: none"> <li>All equipment containing hydrocarbons or other flammables been moved at least 35' horizontally from the welding site or point of impact below the welding site or if impractical to move, made safe by properly shielding or rendering inert.</li> </ul>               | Yes | No | N/A | Yes | No | N/A |
| <b>7</b> Emergency Equipment                                    | <ul style="list-style-type: none"> <li>A standby boat and/or Covered Powered Lifeboat (CPLB) is available in the immediate vicinity.</li> </ul>                                                                                                                                                               | Yes | No | N/A | Yes | No | N/A |
|                                                                 | <ul style="list-style-type: none"> <li>Reliable radio communication is available at the work location.</li> </ul>                                                                                                                                                                                             | Yes | No | N/A | Yes | No | N/A |
|                                                                 | <ul style="list-style-type: none"> <li>The welding machine is grounded directly to the platform.</li> </ul>                                                                                                                                                                                                   | Yes | No | N/A | Yes | No | N/A |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                      |                      |    |     |       |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----|-----|-------|-----|-----|
| <div>8</div> <b>Equipment Check</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>The work has been properly grounded with a mechanical ground clamp.</li> </ul>                                                                                                                                                                                                                                                | Yes                  | No | N/A | Yes   | No  | N/A |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>A continuity check been performed with an Ohmmeter to check for proper ground at both connection points (i.e., ground to platform b) work piece to platform).</li> </ul>                                                                                                                                                      | Yes                  | No | N/A | Yes   | No  | N/A |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Checked By:</b> _____ <b>Date:</b> _____                                                                                                                                                                                                                                                                                                                          |                      |    |     |       |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>Welding cable twist connectors are used to extend cable leads, are they properly secured, and cable connections taped in order to prevent arcing? Has cable size been selected per manufacturer's recommendations and length of cable is appropriate for this job (4/0 cable minimum) and cable coiling minimized.</li> </ul> | Yes                  | No | N/A | Yes   | No  | N/A |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>Welding machines are located in an area acceptable for the type of equipment (area classification) or a Temporary Equipment MOC has been approved.</li> </ul>                                                                                                                                                                 | Yes                  | No | N/A | Yes   | No  | N/A |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>the Firewatcher verified that all Firefighting equipment is on site and is fully functional.</li> </ul>                                                                                                                                                                                                                       | Yes                  | No | N/A | Yes   | No  | N/A |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>All Safety Escape Equipment, i.e., capsule, life jacket, etc., has been inspected and is fully functional.</li> </ul>                                                                                                                                                                                                         | Yes                  | No | N/A | Yes   | No  | N/A |
| <b>Personnel Roles and Responsibilities</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>All personnel not involved in the work are out of the work area and have been instructed to stay out of the work area.</li> </ul>                                                                                                                                                                                             | Yes                  | No | N/A | Yes   | No  | N/A |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>A dedicated Firewatcher has been assigned at the welding area.</li> </ul>                                                                                                                                                                                                                                                     | Yes                  | No | N/A | Yes   | No  | N/A |
| <b>OIM/PIC Responsibilities</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>The OIM/PIC or his/her designee informed all persons in the work area of the potential dangers.</li> </ul>                                                                                                                                                                                                                    | Yes                  | No | Yes | No    | Yes | No  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>The OIM/PIC or his/her designee inspected the work area and conditions today.</li> </ul>                                                                                                                                                                                                                                      | Yes                  | No | N/A | Yes   | No  | N/A |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>The OIM/PIC or his/her designee discussed emergency escape plans with all personnel involved in the work plan.</li> </ul>                                                                                                                                                                                                     | Yes                  | No | N/A | Yes   | No  | N/A |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>The OIM/PIC has given verbal approval to begin work.</li> </ul>                                                                                                                                                                                                                                                               | Yes                  | No | N/A | Yes   | No  | N/A |
| <ul style="list-style-type: none"> <li>Confirm these controls/safeguards are in place and verified prior to starting work. Stop and seek help if anything changes.</li> <li>If the answer to any of the above questions is "No," do not start the job without discussing this item with the PIC and having his verbal approval to continue. A copy of this Start Work Checklist shall be attached to the Hot Work Permit and kept at the location where the welding/burning is being performed.</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                      |                      |    |     |       |     |     |
| Checked By<br>Signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                      | Checked By<br>Name:  |    |     | Date: |     |     |
| Verified By OIM/PIC or Designee<br>Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                      | Verified By<br>Name: |    |     | Date: |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                      |                      |    |     |       |     |     |



List of Trained Firewatchers below:

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