



# Temporary Equipment Checklist

Location:		Date:	
Company (owner of equipment):		ID No.:	
Type of Equipment:			
Permit / WCC number:			
Equipment supporting:	Operations <input type="checkbox"/>	Wells <input type="checkbox"/>	Projects <input type="checkbox"/>
<b>General</b>		<b>Yes</b>	<b>No</b>
Regulatory:			
Are any BSEE or USCG approvals required to operate temporary equipment?		<input type="checkbox"/>	<input type="checkbox"/>
Has proper notification been given to regulatory agencies to start equipment?		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
Environmental:			
Are required SDS readily available on location for any chemicals?		<input type="checkbox"/>	<input type="checkbox"/>
Are skid drip pans free of leaks, plugged, and clean?		<input type="checkbox"/>	<input type="checkbox"/>
Are spill control and waste management procedures in place?		<input type="checkbox"/>	<input type="checkbox"/>
Has the GoM Environmental Compliance Checklist ( <a href="#">UPS-US-SW-GOM-HSE-DOC-00956-2</a> in <a href="#">HSSE Atlas</a> ) been completed?		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
Approval (Print / Signature):			
<b>Process &amp; Process Safety</b>			
Has a Risk Assessment been done for the temporary equipment and have all of the actions been closed? Consult with BP Process Safety engineer on the type of risk		<input type="checkbox"/>	<input type="checkbox"/>
If equipment is tied into an existing process, has a HAZOP been performed for it?		<input type="checkbox"/>	<input type="checkbox"/>
Is an appropriate inherently safer alternative to the use of temporary equipment available?		<input type="checkbox"/>	<input type="checkbox"/>
Are P&IDs available and up-to-date for the equipment?		<input type="checkbox"/>	<input type="checkbox"/>
Are Safe Operating Limits (SOL) defined for the equipment?		<input type="checkbox"/>	<input type="checkbox"/>
Is compliance with API RP 14C required?		<input type="checkbox"/>	<input type="checkbox"/>
Will equipment or building be occupied? If so, consult with process safety engineer on requirements and mitigations.		<input type="checkbox"/>	<input type="checkbox"/>
Relief Valves:			
Do the Relief Valves have calculations?		<input type="checkbox"/>	<input type="checkbox"/>
Are PSV testing certificates available and do they match the tag/physical identifier of each PSV?		<input type="checkbox"/>	<input type="checkbox"/>
Are PSV block valves in a locked open position?		<input type="checkbox"/>	<input type="checkbox"/>
If PSV vented locally, verify the discharge of the PSV is in a safe location (for example not at a running engine or other hot surface(s)).		<input type="checkbox"/>	<input type="checkbox"/>
Equipment Siting:			
Verify equipment does not block access to emergency and fire-fighting equipment?		<input type="checkbox"/>	<input type="checkbox"/>
Verify equipment does not block line of sight detectors		<input type="checkbox"/>	<input type="checkbox"/>
Verify equipment does not block access to emergency eye wash / shower stations?		<input type="checkbox"/>	<input type="checkbox"/>
Verify equipment does not exhaust within 26 feet of HVAC air intake		<input type="checkbox"/>	<input type="checkbox"/>
Verify equipment does not block emergency egress routes?		<input type="checkbox"/>	<input type="checkbox"/>
Are warning signs required around this equipment?		<input type="checkbox"/>	<input type="checkbox"/>
Are warning and shut down signs properly installed and visible?		<input type="checkbox"/>	<input type="checkbox"/>
Approval (Print / Signature):		<input type="checkbox"/>	<input type="checkbox"/>



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<b>Mechanical</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>
<b>Pressure Vessels:</b>			
Do pressure vessels have an ASME Section VIII code stamp?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are pressure vessels protected with properly rated pressure safety valve (PSV)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Piping:</b>			
Are all of the components (pipe, flanges, fittings, instruments, etc) properly rated for the system design pressure?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have mechanical end connectors that will be mated in the field been visually inspected (i.e. flanges, couplings, fittings, threads, hammer unions, swivels, etc.)? Are they compatible (i.e. type, pressure class, etc.)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is piping and tubing properly supported?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all open connections blinded or plugged?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Hoses:</b>			
Are the hoses properly rated for the service pressure and temperature and compatible with the fluid?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are hose connections free from corrosion or damage and made up per manufacturers recommendations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have the hoses been inspected for wear or damage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have the hoses been properly installed to minimize trip hazards and limit loading on hoses?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do the hoses have certification and test data?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approval (Print / Signature):			
<b>Electrical</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>
What is the electrical area classification where the temporary equipment will be located? Note: All temporary equipment used offshore, in outdoor unclassified and Zone (Division) 2 areas, is required to have electrical equipment and installations approved for use in a Class I, Zone (Division) 2, Group IIa (D) environment, in accordance with USCG rules and API RP 14 FZ (F). Unclassified equipment used outdoors requires the approval of a deviation and is required to be evaluated and documented during the equipment risk assessment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the equipment designed and built to API RP 14F and NEC?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the equipment explosion proof where applicable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the terminal connections adequate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the equipment properly grounded?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is ground fault protection required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is surge suppression equipment required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is sufficient lighting available in the operating area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do power inputs / outputs have proper terminal connections?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are platform circuits able to handle load requirements of the equipment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is functional overload protection installed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are certificates available for all electric components?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will electric motor phase rotation verification be required before start up?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approval (Print / Signature):			



# Temporary Equipment Checklist

Instrument	Yes	No	N/A
Does the equipment need to meet API RP 14C? If so, have Safety Flows and SAFE Charts been submitted to BSEE and approved?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have the logic drawings, including shutdowns, been verified and tested?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have all instruments been loop checked?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are there any SIFs from Hazop/LOPA? If so, are the SIFs set up to operate and maintain?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is Fire & Gas required? If so, are alarms and shutdowns in place and tested?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are procedures available for the equipment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approval (Print / Signature):			
Structural & Lifting	Yes	No	N/A
Does the equipment have tie-downs to secure the equipment to the deck?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Can the equipment operate safe and reliable with the motions on the platform? BP can supply motion criteria.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has weight of equipment been provided to Marine Team? This normally be done as a part of the MOC.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there a lift plan for the equipment? BP can provide lifting requirements.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has all lifting equipment been inspected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has it been verified that the equipment does not exceed load rating of deck or floor?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approval (Print / Signature):			
Rotating Equipment	Yes	No	N/A
Are spark arrestor and exhaust systems properly wrapped?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are spark arrestors fitted on engine exhausts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are critical spare parts and fluids available as needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are most recent maintenance / inspection records available for review?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the equipment have an air manifold shutdown system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the equipment have an emergency shut off on the fuel system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have the ESD systems on this equipment been tested before operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the equipment maintenance plan / schedule available on the platform?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the equipment free from leaks (oil, fuel, acid, nitrogen)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approval (Print / Signature):			

