

ROLE DESCRIPTION

Job Role:	Sr. SURF Engineer		
Job Level:	Work Location:	Department:	Employment Status:
HBR Grade:	Indonesia	Andaman II	Employee Fixed Term National (Indonesian)
Purpose of Role:	<p><i>Brief summary statement including why the role is needed and what it should achieve</i></p> <ul style="list-style-type: none"> Responsible for designing offshore deep water and multiple fields SURF (Subsea Umbilical, Riser and Flowline) system for Andaman II and potentially greater Andaman and ensure its safe and optimum project delivery as well as reliable operation. Close coordination with Planning Development Manager and Project Manager, other functions and government authorities to ensure alignment on timing/schedule, cost and project economic The role is potentially needed in later part of 2023 to anticipate/prepare the likely success of the upcoming E&A campaign in 2023/2024, to allow acceleration of first production 		
MAE*/MATTE* and HSE* Critical Responsibilities:	<p><i>Outline the HSE/Safety Critical responsibilities of the role</i></p> <p><i>Ensure that all activities are carried out in a safe manner complying with all regulatory requirements, legislation and Harbour Energy HSEQ procedures</i></p>		
Areas of Accountability, Responsibility and Competence Level:	<p><i>Detail the key accountabilities and desired output of the role, highlighting scope and breadth of role</i></p> <ul style="list-style-type: none"> Ensure high quality of all SURF Systems from Concept, Basic engineering, Detailed Engineering / Qualification / Manufacturing / Fabrication / Construction / Installation / Pre-Commissioning activities performed by Contractor, whilst respecting local content requirement Identify and solve technical issues that may rise during all SURF activities of the Project Ensure the prompt and efficient dispatch, review and approval of all Detailed Engineering / Qualification / Manufacturing / Fabrication / Construction / Installation / Pre-Commissioning documents issued by SURF Contractor, in due time, ensuring the adequate level of priority is given Ensure coherence of the SURF systems and manage interfaces with other Package Managers of the Project (Topsides, SPS Construction and Operation) Ensure that SURF Engineering activities are performed in line with Contract requirement and Project Specifications, all within project schedule and budget Ensure that design and qualification outcomes/constraints are adequately considered in due time for Procurement, Manufacturing, Fabrication, Installation and Pre-commissioning, and vice/versa Ensure that HSE requirements are taken into consideration during design Participate in various technical reviews (Hazids, Hazops, Project Technical Reviews, Risk Assessments, etc.), and ensure implementation of recommendations as necessary Liaise with Project QHSES, QAQC, etc, to ensure that the SURF scope is designed to be safe, operable, and maintainable Assist QA/QC manager for all quality issues related to SURF engineering Monitor Contractor performance against engineering aspects of the Contract and to assist the Project Manager / PCM in management of associated Change Order Requests To initiate and attend all SURF engineering meetings, routine and subject specific, to pursuit Contractor's resolution and close-out of documents. Assist with application process for required authorities' approvals. Develop effective and constructive relationships with all Contractors representative(s) in a manner that enables a high level of value to be obtained. 		

	<ul style="list-style-type: none"> • Build strong relationships with Asset Management, Drilling and Field Operations teams so as to ensure strong lines of communication are maintained at all times. • Positively represent the Company at SURF Contractor's premises, sites and on vessels if appropriate, during onshore and offshore construction, as and when required. • Ensure that agreed project battery limits are adhered to. • Control and approve, when appropriate, the specifications, requisitions, design procedures, layouts, general arrangements, drawings, P&ID's, installation procedures, installation analyses reports, design reports, etc. • Responsible for the engineering of all equipment/facilities included in the SURF work package. • Ensure that all relevant documentation created by the SURF Contractor or its suppliers is reviewed and commented on by the relevant specialists within the appropriate time frame. • Prepare/support handover to Field Operations / Commissioning team. • Maintain awareness of and ensure compliance with all relevant Statutory and Company HSE standards. • Actively identify best practice (industry, technical, professional, etc.) and encourage an environment in which this is willingly and openly shared. • Ensure construction, pre-commissioning, and start-up activities for SURF are delivered safely as per company requirement. • Performs non-routine tasks and attends such meetings as directed from time to time by the Sr. Manager as opportunity presents in order to meet Company objectives. Ensures that all relevant managers and subordinates are kept informed of all major opportunities, developments, problems or potential problems, which will impact upon the Business. • To provide coaching to the other national employees. 	
<p>Key Personal Attributes: (Refer to Appendix 1 for guide. Select top 5 as appropriate.)</p>	<input checked="" type="checkbox"/> Communication and Influence <input checked="" type="checkbox"/> Accountability, Decision Making and Judgement <input checked="" type="checkbox"/> Teamwork <input checked="" type="checkbox"/> Leadership and Supervision <input checked="" type="checkbox"/> Coaching	<input checked="" type="checkbox"/> Adaptability/Flexibility <input type="checkbox"/> Conflict Prevention <input checked="" type="checkbox"/> Problem Solving <input type="checkbox"/> Results Orientation <input checked="" type="checkbox"/> Promotes Harbour Energy's Core Values and Business Principles
<p>Critical Skills* Qualifications Experience, etc.: (* Indicate either preferred or essential.)</p>	<ul style="list-style-type: none"> • Bachelor's degree in Mechanical/Civil/Structural Engineering • Extensive working experience in SURF engineering role for offshore development within oil and gas industry, preferably experience in project stage • In-depth knowledge of detailed engineering and design of SURF system for offshore fixed infrastructure projects. • Strong knowledge of oil and gas facilities design, construction and operation with offshore experience. • In-depth knowledge of subsea engineering and the relevant best practices, codes & standards • Familiar with Marine Operations using Remotely Operated Vehicle (ROV) • Proficient in Ms. Office and other SURF engineering tools/software • Fluent in English (written and spoken) 	
<p>Reports to:</p>	<ul style="list-style-type: none"> • Project Development Manager/Engineering Manager (depend on project stage) 	

<p>Signatures: (Print form, sign and date.)</p>	<p>Employee Signature</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Click or tap to enter a date.</p> <p>Manager Signature</p>	<p>Click or tap to enter a date. Date</p>
<p>* Abbreviations:</p> <p>HSE Health, Safety and Environment</p> <p>MAE Major Accident Event</p> <p>MATTE Major Accident to the Environment</p>			
<p>Last Reviewed or Updated:</p>	<p>Click or tap to enter a date. Date</p>		

APPENDIX 1 KEY PERSONAL ATTRIBUTES

COMMUNICATION AND INFLUENCE

Understands the value of clear, well thought out communication and active listening, coupled with honest and respectful responses to achieve positive outcomes and maintain productive relationships.

ACCOUNTABILITY, DECISION MAKING AND JUDGEMENT

Understands that part of business success is a result of individual and collective decision-making, based on sound judgement, competency and integrity.

Willing to accept responsibility for their actions and executes work in an honest and respectful way that materially influences how Harbour Energy and its employees are perceived by stakeholders.

Recognises the importance of fact over opinion and that the best solution may not always be the most obvious.

TEAMWORK

As a team member, displays a consultative, non-territorial and collegiate approach that promotes trust and support.

As a manager, recognises that caring passionately about the welfare and wellbeing of their people as much as the business itself delivers and sustains a positive team dynamic, commitment, team spirit, pride, trust and group identity.

LEADERSHIP AND SUPERVISION

As a leader, develops a broad understanding of Harbour Energy's Core Values and Business Principles. Recognises opportunities and threats, industry trends, emerging technology and displays initiative, energy and commitment in carrying out Harbour Energy's Core Values through inspiration, an active coaching style utilising appropriate resources and a safe proactive culture.

As a supervisor, has clarity of purpose to successfully influence and focus the team on the safe achievement of the planned objective utilising effective planning and appropriate resources.

Ensures that the right information is provided at the right time to promote excellent decision making; takes advantage of the collective expertise of team members to undertake and deliver the work; encourages knowledge exchange within the team; helps decide where to invest critical resources; links long-range visions and concepts to daily work tasks.

COACHING

Recognises and supports the notion that 'their success is my success' and that investing in coaching time is advantageous for both Harbour Energy and the development of individuals.

CONFLICT PREVENTION

Takes proactive and timely steps to prevent situations that could otherwise result in unnecessary confrontations and negatively affect the ability to work together in a positive and constructive manner.

ADAPTABILITY/FLEXIBILITY

Copes under pressure and views adaptability and flexibility as positive attributes

PROBLEM SOLVING

Possesses the ability to carefully and systematically tackle a problem in a timely fashion, utilising a logical approach to deliver a safe and economical outcome.

RESULTS ORIENTATION

Takes active responsibility for the achievement of collective and personal goals and objectives within agreed timeframes within the framework of Harbour Energy's Core Values and Business Principles.

PROMOTES HARBOUR ENERGY'S CORE VALUES AND BUSINESS PRINCIPLES

Understands and actively promotes Harbour Energy's Core Values and Business Principles in all aspects of their professional life.

ROLE EVALUATION ADDITIONAL DETAILS

Job Role:	Sr. SURF Engineer
Role Description Identification Number	Click or tap here to enter text.
Major Challenges: This considers the impact of the role on the organisation, the extent of the difficult decisions required, the level of innovation and complexity of communications associated with the role.	<ul style="list-style-type: none"> • Challenging deep water and high investment development solution • Potentially multiple clusters development options •
Financial Accountability: e.g. Opex/Capex, Budgets, Production, DOA etc. the role is responsible for. The quantifiable data should be based on broad numerical values & not detail the annual targets of the role.	<ul style="list-style-type: none"> • Quality of all capex for SURF
Management Relationships: Including number of internal direct/indirect reports, external relationships, functional reporting relationships, relevant peers the role interacts with.	<ul style="list-style-type: none"> • Direct report: <ul style="list-style-type: none"> ○ SURF Engineer • Indirect report: <ul style="list-style-type: none"> ○ N/A • External parties: <ul style="list-style-type: none"> ○ Contractors/Vendors ○ Corporate function ○ JVs ○ Government officials
Any Additional Role Requirements: Add any other information relevant to the role not captured above	<ul style="list-style-type: none"> • TBA
Last Reviewed or Updated:	Click or tap to enter a date. Date