



**SLICKLINE ASSISTANT  
WORKBOOK**

**IMPORTANT NOTE:**

1. Your point of reference to complete this workbook may be obtained from the following
  - Training Manual and any other training materials provided together with this workbook
  - Your Trainer, Assessor (Slickline Operator), Verifier (FSM) or senior colleagues
  - SOP / Quality Procedures & Processors
2. The completion of this Workbook is a joint effort and responsibility between you and your assessor therefore you have the obligation to request from your assessor to be assessed upon your completion of each topic
3. The completion of this Workbook is part of the MANDATORY requirements which you must fulfill to qualify for a promotion
4. Your training program is mostly self-driven, including this Workbook. It requires individual initiatives, dedication and commitment to complete the process.

<b>NAME</b>	Mohammad Farhan bin Saifudin
<b>DATE OF JOIN</b>	11/12/23
<b>CONTACT NO.</b>	0197727475
<b>RECEIVED DATE</b>	8/1/23
<b>DATE COMPLETED</b>	



**A. WIRELINE OPERATION BASIC SAFETY PROTECTION**

**A.1. PERSONAL PROTECTIVE EQUIPMENT**

1.1 What is definition of Person Protective Equipment

Equipment worn to minimize exposure to hazard that cause serious workplace injuries and illness.

1.2 List out all compulsory PPE required to be worn while perform job offshore

PPE that compulsory is fire-retardant coverall, hard hat with chinstrap, safety glass, safety shoes, impact gloves and ear plugs.

1.3 List the area where the PPE should be worn while working

- working on or around hot, wet and slippery surfaces.
- working when electrical hazards are present.
- handling the hazardous substances and uncontained chemicals.
- working at the high place or place with tendency of falling object.
- working around overhead tools or machinery.
- working with highly toxic chemicals or dusty environment.

1.4 List the PPE should be worn while doing maintenance at tools and equipment

- coverall
- safety gloves (impact gloves, cut-resistant gloves, latex gloves)
- safety glasses
- safety shoes
- ear plugs
- hard hats

1.5 PPE should you wear while working in mercury and H<sub>2</sub>S are

- coverall
- latex gloves
- safety glasses
- safety shoes
- respiratory protection
- hard hats



## A.2. RESPONSIBILITY

### 2.1 Employee Responsibilities towards Health, Safety and Environmental (HSE)

Responsible to take reasonable care of your own and other person who affected by his act at workplace. To report any injuries, strains or illnesses you suffer as a result of doing your job, your employer may need to change the way you work. To wear and use PPE provided by employer and to co-operate with employer or PIC for safety and comply with instruction on HSE.

### 1.2 What are the safety precautions to be taken during tool maintenance at warehouse?

Safety precautions to be taken is ensure safety equipment are being used, eliminate any potential safety hazards and making sure environment are in best conditions for work.

### 2.3 When should we do housekeeping?

Housekeeping should be done after done working, such as after done servicing, once lunch break and before leaving workplace.

### 2.4 Why housekeeping is important?

Housekeeping is important to promote a feeling of safety, comfort and enjoyment. Lastly, to make sure theres no missing tool or misplaced tool will occur.

### 2.5 How should you react while seeing somebody committing into unsafe act/behavior?

To get their acknowledgement on unsafe act/behavior, taking action such as approaching them and warned to stop work if theres would be injuries while done unsafe behavior.



### A.3. POLICIES

#### 3.1 List down all DB policies in regards to HSE

- driving policy
- drugs and alcohol policy
- harassment in the workplace policy
- HSSE policy
- PPE policy
- smoking and vaping policy
- stop work policy

#### 3.2 What is HSE Policies

A documented plan that outlines the organization's commitment to HSE that defines the organizations safety objective, expectations and the responsibilities of management and employers

#### 3.3 What is the purpose of 'STOP WORK' policy?

To provies employees or contract workers with the responsibility and obligation to stop work when a perceived unsafe condition or behaviour may result in an unwanted event.

### A.4. HAZARD ID AND INCIDENT REPORTING

#### 3.4 How can we report hazard or unsafe act?

Hazard or unsafe act can be reported verbally, electronically or by filling out company specific forms that should be available at conspicuous place.

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3.5 If there is an incident happened at workplace what should we do?

Report to the immediate supervisor or to HSSE by the fastest available means.

3.6 What is the incident reporting process?

The process of recording worksite events, including near misses, injuries, and accidents.

3.7 What is the purpose of Hazard Hunt? And how does that help to be safe?

Purpose of Hazard Hunt is to identify risks, opening them up for discussion, and then eliminating them. It helps employees develop a better understanding of the types of hazards they may encounter on the job.

3.8 Please explain what is Near Miss

- An accident which does not result in injury, illness and damage or product loss.
- Having potential to cause injury or illness or damage to the equipment.

3.9 In case of emergency,

a) Firstly what should you do?

To remain calm and call for person in charge then explain the situation and if there are people who are hurt, tell them how many. Lastly, help the person involves in emergency any can be help.

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b) Where is DB assembly point (Base)?

In front of DB entrance.

3.10 Where can you find the emergency contact Number?

Near to first aid box.

### A.5. OPERATIONAL SAFETY

5.1 How to prevent an accident before executing certain job or activities

Done a risk assessments, regulat inspections, wear proper PPE, ongoing and effective training, use safe lifting techniques and create a safe work area.

5.2 What is the purpose of Safety Morning Meeting

Purpose is to increase safety awareness in the workplace, to remind workers that health and safety are important the job and to bring up attention on incident.

5.3 What is the purpose of briefing and Debriefing

Briefing is to gain important information or instructions, then debriefing is to allow to reflect on their experience as a participant in study and give feedback.

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5.4 What is Permit To Work (PTW)

A legal document that officially authorized you to seek work, get employed, and earn an income in a foreign country legally.

5.5 Explain what do you understand from Job Safety Analysis and how does this help you to be safe?

Job Safety Analysis is commonly called as Job Hazard Analysis (JHA) which is to identify safety elements of each job/task by step and teach the employee on how to avoid potential safety hazard. Its help me to be safe in safety and health awareness, which communication between workers and supervisors is improved, and acceptance of safe work procedures is promoted.

5.6 What are the safety precautions to be taken during tool maintenance at warehouse?

Safety precautions during tool maintenance is wearing full PPE such as, wearing gloves, eye protections, safety helmets, safety boots and coverall. Always aware of pinch point which may hurt or attend to injury. Make sure to use tools properly. It is good to keep housekeeping every after tool maintenance to ensure safety.

5.7 What are the safety precautions to be taken during topping up the fuel into Power Pack Tank?

Safety precautions during topping up fuel in Powerpack is wearing latex glove and full PPE such as eye protections, safety helmets, safety boot, and coverall. Avoid fuel or diesel from contact skin, eyes or any body part. Try to avoid breathing in vapours or mists of fuel/diesel. Always clean up floor whenever diesel/fuel spills. Keep cleaning and housekeeping once done fuel. Lastly, for offshore, hot work permit must be included.

5.8 What is work permit & why do we need them?

Work permit is a written record which authorized specific work at specific location for a specific period of time. I need for work to be done, which the equipment to be used and which personnel involved so the precautions can be taken while performing the task. It is important so actions can be taken while in an emergency.

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5.9 When do we apply the work permit

Work permit should be apply before ure going to specific location for a specific work. For applicant, work permit should be ready before work.

5.10 What are the safety precautions to be taken during test lubricator and BOP?

Check condition/replacement if hose damaged then pressurized slowly and gradually. Perform at 3<sup>rd</sup> party's hydrotest bay area and barricade area. Ensure the connections are tightened. Install whip check and wear suitable high impact glove. Try to use both hand to operate properly. Make sure to dispose waste into oil drum and put labelling.

5.11 What are the safety precautions to be taken during test Control Panel?

Check condition/replacement if hose damaged then pressurized slowly and gradually. Ensure whip check is installed. Ensure that all needle valves and air regulator are close, then make sure "0" pressure prior to disconnect hose. Makse sure pressure gauge in good condition and verify that test pressure doesn't exceed working pressure. Hydrotesting activity at 3<sup>rd</sup> party hydrotest bay. Wear suitable high impact gloves and use both hand to operate.

5.12 Why JSA, Risk Assessment and Job Plan need to be discussed among the team member? How does that work?

The purpose of all those is to ensure consistent and safe work method. While discussing with team member, we can list down all hazard and try to come out with a good solution either to avoid the hazard. It is reducing injury ,provides a safe environment and can perform at the best while working as a team.

5.13 While working, you found that there is something unsafe. What should you do?

Report unsafe and unhealth situation or either injuries to our supervisor or HSSE which is Fredoline are in-charge immediately, and try to take responsible actions such as take resonable care of myself and others to avoid unsafe action.

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5.14 Before performing a hot work, what must you do/ have to ensure the work is safe

Wear appropriate PPE and ensure all PPE are followed to prevent exposure to flammable gases or vapors. Wear face sheild, safety glasses, leather gloves, safety boots, and RFC coverall. Then try to inspect the work area thoroughly before starting. Always test for flammable gases and vapors in the work area before starting hot work

## OTHERS

1. Please attach the supporting documents that you participated in Dimension Bid's Safety program.
  - a) Job Safety Analysis for each activity that you involve during probation period
    - Chipping
    - Painting
    - Lifting
    - Spooling
    - Pressure Test
  - b) Hazard Hunt
  - c) Safety Talk

Mohammad Farhan bin Saifudin

## OTHERS

1. Please attach the supporting documents that you participated in Dimension Bid's Safety program.

a) Job Safety Analysis for each activity that you involve during probation period

- Chipping
- Painting
- Lifting
- Spooling
- Pressure Test

b) Hazard Hunt



c) Safety Talk



**GAZALI MEHRY**  
Operation Manager  
Dimension Bid (M) Sdn Bhd  
Labour Warehouse  
Slickline Services

*[Handwritten Signature]*  
19/4/24



## JOB HAZARD ANALYSIS

LOCATION	DB Labuan Warehouse	DATE	10.1.2024
TASK	Chipping/Buffering Equipment or Skid (Power Pack)	JHA REFERENCE NO.	DB/SLS/BASE/SE009(Revision 002)
WORK SITE	DB Workshop	ASSESSMENT TEAM	Henieken, Havbreen, Jossemus & Fredolin

Job Step	Potential Hazard	L	S	R	Control Measures	L	S	R	Result
<ul style="list-style-type: none"> <li>Toolbox Meeting</li> </ul>	<ul style="list-style-type: none"> <li>Not fully understand the job details before starting the process</li> </ul>	2	1	2	<ul style="list-style-type: none"> <li>Raise questions during meeting</li> <li>Inform the hazards involved at place of work</li> <li>Barricade working area to prevent any unauthorized personnel to enter</li> <li>Display Signage</li> </ul>	1	1	1	Acceptable
	<ul style="list-style-type: none"> <li>Clash of work at workshop area</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Other personnel not aware where we are working</li> </ul>	2	1	2		1	1	1	
	<ul style="list-style-type: none"> <li>Unauthorized personnel entering working area</li> </ul>	2	2	4		1	2	2	
<ul style="list-style-type: none"> <li>Arrange Power Pack to work area using forklift</li> </ul>	<ul style="list-style-type: none"> <li>Dropped object (static &amp; dynamic)</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Inspect the lifting gears/sling before use</li> <li>Stop work during heavy rain &amp; strong wind</li> <li>Drink more water &amp; rest if tired</li> <li>Plan the job in an orderly manner</li> </ul>	1	2	2	Acceptable
	<ul style="list-style-type: none"> <li>Poor visibility due to weather (strong wind, heavy rain)</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Fatigue, dehydrate &amp; faint due to sunlight</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Time pressure (human error, rushing)</li> </ul>	2	2	2		1	2	2	
<ul style="list-style-type: none"> <li>Chipping equipment</li> </ul>	<ul style="list-style-type: none"> <li>Skin injury &amp; fume inhalation from painting (chemical exposure)</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Wear Respirator/face shield</li> <li>Take regular resting time(Activities not exceed 30 minutes)</li> <li>Wear proper PPE (impact glove and ear plug/muff) during the job</li> </ul>	1	1	1	Acceptable
	<ul style="list-style-type: none"> <li>Hand/finger injury</li> </ul>	2	2	2		1	2	2	
	<ul style="list-style-type: none"> <li>Equipment Vibration</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Hearing impairment</li> </ul>	2	3	6		1	3	3	

<ul style="list-style-type: none"> <li>Housekeeping</li> </ul>	<ul style="list-style-type: none"> <li>Slip, trip &amp; fall</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Eliminated any potential hazard of slip, trip &amp; fall</li> <li>Supervision, planning &amp; time management</li> <li>Get rest &amp; drink more water.</li> <li>Wear proper PPE</li> </ul>	1	2	2	Acceptable
	<ul style="list-style-type: none"> <li>Time pressure (human error, rushing)</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Fatigue</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Working area not secured</li> </ul>	2	2	4		1	2	2	

S- SEVERITY			
Lost Time Injury	Major Damage	Major Pollution	High (3)
First Aid Injury	Minor Damage	Minor Pollution	Medium (2)
No injury	No Damage	No pollution	Low (1)

R- RATING			RESULT	
3	6	9	6-9	Unacceptable
2	4	6	3-4	Tolerate
1	2	3	1-2	Acceptable
Low (1)	Medium (2)	High (3)		
Remote	Possible	Probable		
L- LIKELIHOOD				

Work Activity Participants			
Name	Position	Perform Job Before?	Signature
HENIEKEN MABONG	SR MECHANIC	YES	
HAVBREEN ZEPHIRINUS	MECHANIC	YES	
JOSSEMUS	MECHANIC	YES	
TSA	TSA	YES	

This JHA created by		
Name	Discipline	Position
AMIR FIRDAUS	TECHNICAL	MT

WORK ACTIVITY RESPONSIBILITY	JHA SUBMITTED BY	JHA ACCEPTED BY
<b>Work Leader</b>	<b>Receiving Authority (Supervisor)</b>	<b>Approving Authority (HSSE)</b>
<b>Name:</b> HENIEKEN MABONG	<b>Name:</b> LEONARD RAEYONG	<b>Name:</b> FREDOLIN BIN FLORIAN
<b>Signature:</b>	<b>Signature:</b>	<b>Signature:</b>
<b>Date:</b>	<b>Date:</b>	<b>Date:</b>



**JOB HAZARD ANALYSIS**

LOCATION	DB Labuan Warehouse	DATE	25/1/2024
TASK	General Crane Lifting	JHA REFERENCE NO.	DB/SLS/BASE/LOGISTIC004(REVISION 002)
WORK SITE	Loading Unloading Area (Open Yard)	ASSESSMENT TEAM	Jofri, hsse & 3 <sup>rd</sup> Party contractor

Job Step	Potential Hazard	L	S	R	Control Measures	L	S	R	Result
Preparation and job meeting	• Clash of work/conflict	2	1	2	<ul style="list-style-type: none"> <li>• Team leader must be familiar with the job</li> <li>• Inform to all crew on location and description of works</li> <li>• Inform the hazards involved at place of work</li> <li>• Ensure sling in good condition, secured loosen item</li> <li>• Drink lots of water/proper break time</li> <li>• Work inside warehouse</li> </ul>	1	1	1	Acceptable
	• Other party not aware where are you are working	2	1	2		1	1	1	
	• Moving Object (Defective Slings)	2	1	2		1	1	1	
	• Sunlight (Over expose to hot sun, fainted due to dehydration)	2	1	2		1	1	1	
Check equipment condition such as crane, Sling, Pad eye, Shackle	• Object at height (drop object)	2	1	2	<ul style="list-style-type: none"> <li>▪ Visual inspection on load area</li> <li>▪ Full PPE</li> <li>▪ Visual inspection hoses, valid maintenance checklist &amp; use appropriate type of hose</li> <li>▪ Use proper hand glove (Leather/rigger hand glove)</li> </ul>	1	1	1	Acceptable
	• Pressurized hose (Crack/crack hose on Crane)	2	1	2		1	1	1	
	• Exposure to sharp object	2	2	4		1	2	2	
Check crane before start load equipment	• Moving vehicle (Struck)	2	2	4	<ul style="list-style-type: none"> <li>• Switch off engine, engage handbrake, choke tire &amp; emergency signal</li> <li>• Proper PPE, supervision &amp; spill kit</li> <li>• Full PPE &amp; housekeeping</li> </ul>	1	2	2	Acceptable
	• Solvents/fumes/oil (oil spill, inhalation of toxic fume)	2	2	4		1	2	2	
	• Time pressure (Human error/rushing)	2	2	4		1	2	2	
	• Oily floor (Slippery/trip & fall)	2	2	4		1	2	2	
Check potential drop object on load before entering unload / load area	• Moving vehicle (Struck)	2	2	4	<ul style="list-style-type: none"> <li>• Switch off engine, engage handbrake, choke tire &amp; emergency signal</li> <li>• Visual inspection on load area</li> <li>• Proper PPE, supervision &amp; spill kit</li> <li>• Impact glove &amp; proper technique of lifting</li> </ul>	1	2	2	Acceptable
	• Object at height (drop object)	2	3	6		1	3	3	
	• Oily floor (Slippery/trip & fall)	2	2	4		1	2	2	
	• Handling equipment (Pinch point, back injury)	2	2	2		1	2	2	

					<ul style="list-style-type: none"> <li>• Use push pull stick to remove object</li> </ul>				
Measure crane and load height against minimum safe height of electric cable	<ul style="list-style-type: none"> <li>• Electric shock (Body injury, equipment damage)</li> <li>• Moving vehicle (Struck)</li> <li>• Object at height (drop object)</li> <li>• Handling equipment (Pinch point, back injury)</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>• Visual inspection on load area</li> <li>• Supervision</li> <li>• Switch off engine, engage handbrake, choke tire &amp; emergency signal</li> <li>• Visual inspection on load area</li> <li>• Proper PPE, supervision &amp; spill kit</li> <li>• Impact glove &amp; proper technique of lifting</li> <li>• Use push pull stick to remove object</li> </ul>	1	2	2	Acceptable
Mobility of crane	<ul style="list-style-type: none"> <li>• Moving vehicle (Struck by moving vehicle)</li> <li>• Falling object due to vibration (uneven road, struck by falling object, sudden stop)</li> <li>• HV cable (Wrong judgement of safe height – electric shock)</li> <li>• Workload (Illness, fatigue, stress)</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>• Authorized operator, banksman &amp; forklift driver. Visual sight, use of signalman or banksman.</li> <li>• Supervision. Banksman, signalman, workers involved should be standing 3ft from vehicle while giving instruction</li> <li>• PIC to monitor trailer movement. Beware of speed limit.</li> <li>• Good communication between driver, banksman &amp; PIC</li> <li>• All personnel involved must fit to work</li> </ul>	1	2	2	Acceptable
Park crane and forklift at designated area ( red zone )	<ul style="list-style-type: none"> <li>• Moving vehicle (Struck by moving vehicle)</li> <li>• Falling object due to vibration (uneven road, struck by falling object, sudden stop)</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>• Authorized operator, banksman &amp; forklift driver. Visual sight, use of signalman or banksman.</li> <li>• Supervision. Banksman, signalman, workers involved should be standing 3ft from vehicle while giving instruction</li> <li>• PIC to monitor trailer movement. Beware of speed limit.</li> <li>• Good communication between driver, banksman &amp; PIC</li> </ul>	1	2	2	Acceptable
Hook-up load	<ul style="list-style-type: none"> <li>• Tripping hazard</li> <li>• Body positioning</li> <li>• Material/equipment handling</li> <li>• Exposure to sharp objects</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>• Good communication between driver, banksman &amp; Rigger</li> <li>• Avoid Line of fire</li> <li>• Foreman to coordinate with team members</li> </ul>	1	2	2	Acceptable

					<ul style="list-style-type: none"> <li>Wear high impact hand gloves</li> <li>Competent rigging/lifting crew</li> <li>Weather forecast ensure in good wheather</li> <li>Stop rigging activity during bad weather</li> </ul>				
Lift the load	<ul style="list-style-type: none"> <li>Uneven crane parking area</li> <li>Suspended load</li> <li>Mechanical failure</li> <li>Lifting operation</li> <li>Lifting operation in bad weather condition</li> </ul>	2	3	6	<ul style="list-style-type: none"> <li>Use crane out rigger and fully secure.</li> <li>Valid PTW</li> <li>Check ground condittion.</li> <li>Barricade and signage at the lifting area.</li> <li>Crane inspection</li> <li>Competent crane operator and signalman/rigger</li> <li>Stop operation on bad weather</li> </ul>	1	3	3	Acceptable
Dismantle safety lashing / safety retention	<ul style="list-style-type: none"> <li>Object at height (drop object)</li> <li>Moving object (Struck)</li> <li>Handling equipment (Pinch point, back injury)</li> <li>Time Pressure (Human error/rushing)</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Inspect area &amp; use full PPE</li> <li>Switch off engine, engage handbrake, choke tire &amp; emergency signal</li> <li>Beware of hand/finger placement. Wear impact glove. Proper lifting technique.</li> <li>Supervision</li> </ul>	1	2	2	Acceptable
secure offload / load area before trailer mobilizes out from for unload / load area	<ul style="list-style-type: none"> <li>Object at height (drop object)</li> <li>Moving vehicle (Struck by moving vehicle)</li> <li>Pinch point</li> </ul>	2	3	6	<ul style="list-style-type: none"> <li>Visually inspect on load and area</li> <li>Full ppe / certified safety helmet</li> <li>Follow hands free rule mandatory procedure: impact glove</li> <li>Use stiify hand tool to remove loose object</li> <li>Switch off engine</li> <li>Engage handbrake</li> <li>Apply emergency signal</li> </ul>	1	2	2	
Housekeeping	<ul style="list-style-type: none"> <li>Wet and oily floor</li> <li>Improper housekeeping</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Use proper PPE with supervision effectively</li> <li>Clean the affected area</li> <li>Secure all equipment and return to original location</li> </ul>	1	2	2	Acceptable
		2	1	2		1	1	1	

	<ul style="list-style-type: none"> <li>Contaminated waste</li> </ul>	1	1	1	<ul style="list-style-type: none"> <li>Dispose waste into the oil drum and put labelling</li> <li>Comply with the waste management procedure for waste disposal</li> </ul>	1	1	1	
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S- SEVERITY			
Lost Time Injury	Major Damage	Major Pollution	High (3)
First Aid Injury	Minor Damage	Minor Pollution	Medium(2)
No injury	No Damage	No pollution	Low (1)

R- RATING			RESULT	
3	6	9	6-9	Unacceptable
2	4	6	3-4	Tolerate
1	2	3	1-2	Acceptable
Low (1)	Medium (2)	High (3)		
Remote	Possible	Probable		
L- LIKELIHOOD				

Work Activity Participants			
Name	Position	Perform Job Before?	Signature
	Supervisor/Foreman	YES/NO	
	Crane operator	YES/NO	
	Signalman	YES/NO	
	Rigger	YES/NO	
	Rigger	YES/NO	

This JHA created by		
Name	Discipline	Position
JOFRI		LOJISTIC

WORK ACTIVITY RESPONSIBILITY	JHA SUBMITTED BY	JHA ACCEPTED BY
Work Leader	Receiving Authority (Supervisor)	Approving Authority (HSSE)
Name:-	Name:-	Name:-
Signature:-	Signature:-	Signature:-
Date:-	Date:-	Date:-

### JOB HAZARD ANALYSIS

LOCATION	DB Labuan Warehouse	DATE	10.1.2024
TASK	Painting Equipment or Skid (Power Pack)	JHA REFERENCE NO.	DB/SLS/BASE/SE007(REVISION 002)
WORK SITE	DB Workshop	ASSESSMENT TEAM	Henieken, Havbreen, Jossemus & Fredolin

Job Step	Potential Hazard	L	S	R	Control Measures	L	S	R	Result
<ul style="list-style-type: none"> <li>Toolbox Meeting</li> </ul>	<ul style="list-style-type: none"> <li>Not fully understand the job details before starting the process</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Raise questions during meeting</li> <li>Inform the hazards involved at place of work</li> <li>Barricade working area to prevent any unauthorized personnel to enter</li> <li>Social distancing. Wear mask at crowded places. Wash hand &amp; sanitize hand.</li> </ul>	1	2	2	Acceptable
	<ul style="list-style-type: none"> <li>Clash of work at workshop area</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Other personnel not aware where we are working</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Unauthorized personnel entering working area</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>COVID19 virus infection</li> </ul>								
<ul style="list-style-type: none"> <li>Arrange Power Pack to work area using forklift</li> </ul>	<ul style="list-style-type: none"> <li>Dropped object (static &amp; dynamic)</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Inspect the lifting gears/sling before use</li> <li>Stop work during heavy rain &amp; strong wind</li> <li>Drink more water &amp; rest if tired</li> <li>Plan the job in an orderly manner</li> <li>Awareness training</li> <li>Avoid line of fire</li> <li>Authorize forklift operator</li> <li>Forklift inspection</li> </ul>	1	2	2	Acceptable
	<ul style="list-style-type: none"> <li>Poor visibility due to weather (strong wind, heavy rain)</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Fatigue, dehydrate &amp; faint due to sunlight</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Time pressure (human error, rushing)</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Line of fire</li> </ul>	2	3	6		1	3	3	
	<ul style="list-style-type: none"> <li>Forklift failure</li> </ul>	2	3	6		1	3	3	
<ul style="list-style-type: none"> <li>Painting equipment</li> </ul>	<ul style="list-style-type: none"> <li>Skin injury &amp; fume inhalation from painting (chemical exposure)</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Wear respirator/face shield</li> <li>Wear proper PPE during the job</li> </ul>	1	2	2	Acceptable

• Housekeeping	• Slip, trip & fall	2	2	4	<ul style="list-style-type: none"> <li>Eliminated any potential hazard of slip, trip &amp; fall</li> <li>Supervision, planning &amp; time management</li> <li>Get rest &amp; drink more water.</li> <li>Wear proper PPE</li> </ul>	1	2	2	Acceptable
	• Time pressure (human error, rushing)	2	2	4		1	2	2	
	• Fatigue	1	2	2		1	2	2	
	• Working area not secured	2	2	2		1	2	2	

S- SEVERITY			
Lost Time Injury	Major Damage	Major Pollution	High (3)
First Aid Injury	Minor Damage	Minor Pollution	Medium (2)
No injury	No Damage	No pollution	Low (1)

R- RATING			RESULT	
3	5	9	6-9	Unacceptable
2	4	6	3-4	Tolerate
1	2	3	1-2	Acceptable
Low (1)	Medium (2)	High (3)		
Remote	Possible	Probable		
L- LIKELIHOOD				

Work Activity Participants			
Name	Position	Perform Job Before?	Signature
HENIEKEN MABONG	SR MECHANIC	YES	
HAVBREEN ZEPHIRINUS	MECHANIC	YES	
JOSSEMUS	MECHANIC	YES	
TSA	TSA	YES	

This JHA created by		
Name	Discipline	Position
AMIR FIRDAUS	TECHNICAL	MT

WORK ACTIVITY RESPONSIBILITY	JHA SUBMITTED BY	JHA ACCEPTED BY
Work Leader	Receiving Authority (Supervisor)	Approving Authority (HSSE)
<b>Name:</b> HENIEKEN MABONG	<b>Name:</b> LEONARD RAEYONG	<b>Name:</b> FREDOLIN BIN FLORIAN
<b>Signature:</b>	<b>Signature:</b>	<b>Signature:</b>
<b>Date:</b>	<b>Date:</b>	<b>Date:</b>

### JOB HAZARD ANALYSIS

LOCATION	DB Labuan Warehouse	DATE	10.1.2024
TASK	Wire Spooling	JHA REFERENCE NO.	DB/SLS/BASE/SE006(Revision 002)
WORK SITE	DB Workshop	ASSESSMENT TEAM	Henieken, Havbreen, Jossemus & Fredolin

Job Step	Potential Hazard	L	S	R	Control Measures	L	S	R	Result
<ul style="list-style-type: none"> <li>Pre job preparation (toolbox meeting)</li> </ul>	<ul style="list-style-type: none"> <li>Not fully understand the job details before starting the process</li> <li>Clash of work at workshop area</li> <li>Other personnel not aware where we are working</li> <li>Unauthorized personnel entering working area</li> <li>COVID19 virus infection</li> </ul>	2	1	2	<ul style="list-style-type: none"> <li>Raise questions during meeting</li> <li>Inform the hazards involved at place of work</li> <li>Barricade working area to prevent any unauthorized personnel to enter</li> <li>Social distancing. Wear mask at crowded places. Wash hand &amp; sanitize hand.</li> </ul>	1	1	1	Acceptable
<ul style="list-style-type: none"> <li>Equipment preparation</li> </ul>	<ul style="list-style-type: none"> <li>Clash of work at workshop area</li> <li>Other personnel not aware where we are working</li> <li>Unauthorized personnel entering working area</li> <li>COVID19 virus infection</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Avoid line of fire</li> <li>Use tag line to guide equipment</li> <li>Physical inspection of lifting equipment</li> <li>Valid inspection records</li> <li>Wear proper PPE</li> <li>Authorize forklift operator</li> <li>Proper manual handling/buddy system</li> </ul>	1	2	2	
	<ul style="list-style-type: none"> <li>Hand and finger injury during               <ol style="list-style-type: none"> <li>Remove wire drum from rack</li> <li>Tie up with belt to lift drum</li> <li>Failure of lifting equipment (sling / forklift hydraulic leak)</li> </ol> </li> <li>Dynamic dropped object (struck by load during transfer wire drum)</li> <li>Line of fire</li> <li>Incorrect manual handling</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Dynamic dropped object (falling wire drum - failure lifting equipment.</li> <li>Finger pinched by wire drum whilst repositioning process.</li> <li>Incorrect manual handling</li> <li>Congested working area</li> </ul>	2	1	2		1	1	1	
<ul style="list-style-type: none"> <li>Wire drum installation</li> </ul>	<ul style="list-style-type: none"> <li>Dynamic dropped object (falling wire drum - failure lifting equipment.</li> <li>Finger pinched by wire drum whilst repositioning process.</li> <li>Incorrect manual handling</li> <li>Congested working area</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Beware of hand position</li> <li>Knowledge for handling and installing the wire drum</li> <li>Wear impact glove</li> <li>Proper manual handling/buddy system</li> <li>Avoid congested working area/Good communication</li> </ul>	1	2	2	Acceptable
<ul style="list-style-type: none"> <li>High pressure</li> </ul>	<ul style="list-style-type: none"> <li>Hydraulic oil splash to worker due to</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Inspect hose and its connection</li> </ul>	1	2	2	

hose	<ul style="list-style-type: none"> <li>hose burst</li> <li>Swing hydraulic hose cause personnel injury</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Barricade the area</li> <li>Use proper PPE</li> <li>Authorize worker to perform the job task</li> </ul>	1	2	2	
<ul style="list-style-type: none"> <li>Spool in wire</li> </ul>	<ul style="list-style-type: none"> <li>Wire broken while spooling process and stabbed operator</li> </ul>	2	1	2	<ul style="list-style-type: none"> <li>Physical inspection of wire condition before spooling activity</li> </ul>	1	1	1	Acceptable
	<ul style="list-style-type: none"> <li>Entanglement</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Use proper machine guarding</li> </ul>	1	2	2	
	<ul style="list-style-type: none"> <li>Pinch point</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Barricade the area and put warning sign for awareness.</li> </ul>	1	2	2	
	<ul style="list-style-type: none"> <li>Line of fire</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Workers aware with emergency switch shutdown</li> <li>Wear impact glove</li> <li>Good communication</li> </ul>	1	2	2	
<ul style="list-style-type: none"> <li>Housekeeping</li> </ul>	<ul style="list-style-type: none"> <li>Slip, trip &amp; fall</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Eliminated any potential hazard of slip, trip &amp; fall</li> </ul>	1	2	2	Acceptable
	<ul style="list-style-type: none"> <li>Time pressure (human error, rushing)</li> </ul>	1	2	2	<ul style="list-style-type: none"> <li>Supervision, planning &amp; time management</li> </ul>	1	2	2	
	<ul style="list-style-type: none"> <li>Fatigue</li> </ul>	1	2	2	<ul style="list-style-type: none"> <li>Get rest &amp; drink more water.</li> </ul>	1	2	2	
	<ul style="list-style-type: none"> <li>Working area not secured</li> </ul>	3	2	6	<ul style="list-style-type: none"> <li>Wear proper PPE</li> </ul>	1	2	2	

S- SEVERITY			
Lost Time Injury	Major Damage	Major Pollution	High (3)
First Aid Injury	Minor Damage	Minor Pollution	Medium (2)
No injury	No Damage	No pollution	Low (1)

R- RATING			RESULT	
3	6	9	6-9	Unacceptable
2	4	6	3-4	Tolerate
1	2	3	1-2	Acceptable
Low (1)	Medium (2)	High (3)		
Remote	Possible	Probable		
L- LIKELIHOOD				

Work Activity Participants			
Name	Position	Perform Job Before?	Signature
HENIEKEN MABONG	SR MECHANIC	YES	
HAVBREEN ZEPHIRINUS	MECHANIC	YES	
TSA	TSA	YES	

This JHA created by		
Name	Discipline	Position
AMIR FIRDAUS	TECHNICAL	MT

WORK ACTIVITY RESPONSIBILITY	JHA SUBMITTED BY	JHA ACCEPTED BY
<b>Work Leader</b>	<b>Receiving Authority (Supervisor)</b>	<b>Approving Authority (HSSE)</b>
<b>Name:</b> HENIEKEN MABONG	<b>Name:</b> LEONARD RAEYONG	<b>Name:</b> FREDOLIN BIN FLORIAN
<b>Signature:</b>	<b>Signature:</b>	<b>Signature:</b>
<b>Date:</b>	<b>Date:</b>	<b>Date:</b>



# DIMENSION BID

WIRELINE INTERVENTION | PERFORATION SERVICES

## JOB HAZARD ANALYSIS

LOCATION	DB Labuan Warehouse	DATE	9.1.2024
TASK	Pressure test equipment	JHA REFERENCE NO.	DB/SLS/BASE/PCE007(REVISION 002)
WORK SITE	DB Workshop	ASSESSMENT TEAM	Syaiful, Shamsulyni, Fifie, Gazali, Leonard, & Fredolin

Job Step	Potential Hazard	L	S	R	Control Measures	L	S	R	Result
<ul style="list-style-type: none"> <li>Prepare pre job meeting</li> </ul>	<ul style="list-style-type: none"> <li>To avoid clash of work at workshop area</li> </ul>	2	1	2	<ul style="list-style-type: none"> <li>Inform all team nearest workers on working area and description of works</li> <li>Inform the hazards involved at place of work</li> <li>Barricade working area to prevent any unauthorized personnel to enter</li> </ul>	1	1	1	Acceptable
	<ul style="list-style-type: none"> <li>Other party not aware where are you are working</li> </ul>	2	1	2		1	1	1	
	<ul style="list-style-type: none"> <li>Unauthorized personnel entering working area</li> </ul>	2	1	2		1	1	1	
<ul style="list-style-type: none"> <li>Lifting wireline equipment</li> </ul>	<ul style="list-style-type: none"> <li>Hand and foot crush during lifting the equipment due to sling break.</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Physical inspection of lifting equipment.</li> <li>Valid inspection records</li> <li>Stay away from the weight</li> <li>Don't stand between load</li> <li>Assign experience signal man</li> <li>Beware of hand and foot position.</li> </ul>	1	2	2	Acceptable
	<ul style="list-style-type: none"> <li>Body caught between load</li> </ul>	2	3	6		1	3	3	
	<ul style="list-style-type: none"> <li>Finger pinched while repositioning the equipment</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Equipment dropped due to lifting equipment failure.</li> </ul>	2	2	4		1	2	2	
<ul style="list-style-type: none"> <li>Pressure test</li> </ul>	<ul style="list-style-type: none"> <li>Oil spilled &amp; fitting burst</li> </ul>	2	2	4	<ul style="list-style-type: none"> <li>Make sure safety pin properly installed &amp; use lock pin</li> <li>Barricade the area &amp; do house keeping</li> <li>Make sure "0" pressure prior to disconnect all joints</li> <li>Wear safety boot and keep house keeping.</li> <li>Pressurized slowly and gradually</li> <li>Barricade area.</li> <li>Make announcement before pressure test</li> <li>Pressure test at hydrotest bay/3<sup>rd</sup> party's premise.</li> </ul>	1	2	2	Acceptable
	<ul style="list-style-type: none"> <li>Tripping hazard</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Pressure trapped</li> </ul>	2	3	6		1	3	3	
	<ul style="list-style-type: none"> <li>Slipped off</li> </ul>	2	2	4		1	2	2	
	<ul style="list-style-type: none"> <li>Explode/burst(High pressure)</li> </ul>	2	4	8		1	4	4	

• Housekeeping	• Slip, trip & fall	2	2	4	<ul style="list-style-type: none"> <li>• Beware of surrounding (line of fire)</li> <li>• Eliminated any potential hazard of slip, trip &amp; fall</li> <li>• Supervision, planning &amp; time management</li> <li>• Get rest &amp; drink more water. Wear proper PPE</li> </ul>	1	2	2	Acceptable
	• Time pressure (human error, rushing)	2	2	4		1	2	2	
	• Fatigue	2	2	4		1	2	2	

S- SEVERITY			
Lost Time Injury	Major Damage	Major Pollution	High (3)
First Aid Injury	Minor Damage	Minor Pollution	Medium(2)
No injury	No Damage	No pollution	Low (1)

R- RATING			RESULT	
3	6	9	6-9	Unacceptable
2	4	6	3-4	Tolerate
1	2	3	1-2	Acceptable
Low (1)	Medium (2)	High (3)		
Remote	Possible	Probable		
L- LIKELIHOOD				

Work Activity Participants			
Name	Position	Perform Job Before?	Signature
SYAIFUL	PCE TEAM LEADER	YES	
SYAMSULYNI	PCE TECH	YES	
FIFIE	PCE TECH	YES	
TSA	TSA	YES	

This JHA created by		
Name	Discipline	Position
FADZLIN	HSSE	HSSE OFFICER

WORK ACTIVITY RESPONSIBILITY	JHA SUBMITTED BY	JHA ACCEPTED BY
Work Leader	Receiving Authority (Supervisor)	Approving Authority (HSSE)
Name:- SYAIFUL	Name:- LEONARD RAEYONG	Name:- FREDOLIN BIN FLORIAN
Signature:-	Signature:-	Signature:-
Date:-	Date:-	Date:-