



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.

NAME	Christopher Mathew Anou Kipli
DATE OF JOIN	10/4/2019
CONTACT NO.	011-19420803
RECEIVED DATE	19/4/2019
DATE COMPLETED	



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INTRODUCTION

CORPORATE PROFILE

Dimension Bid is a Malaysia-based International Well Intervention and Perforation Services company, specializing in Slickline Intervention, Cased Hole Electric Line Logging, Coiled Tubing Services and Braided Line Fishing. Established in 1994 and home-grown, Dimension Bid has developed into a full-fledged intervention service company, having more than 20 years of experience in providing services to National Oil Companies and Multi-National Oil Companies domestically and internationally. Our footprint is located across Malaysia, South East Asia and Central Asia, reflecting our ambition to be a truly global Well Intervention Solutions Partner.

THE GROWTH

Growing from strength to strength our list of client includes Sarawak Shell, ExxonMobil, PCSB and Talisman-Energy Malaysia Limited, ROC Oil, just to name a few. Our involvement expanded from production drilling operations

OUR TEAM

From a humble beginning of 18 employees in 1997, Dimension workforce has now grown to over 200 employees. We believe in realizing full potential of every employee - reason for substantial investment allocated to train everyone, both locally and abroad, in order to achieve the expected high performance and professionalism.

MISSION

To enrich client's business through our expertise in providing an integrated, high-value added solutions in the oil and gas industry.

VISION

To be a Solution Partner of choice to our clients.

THE PHILOSOPHY

Continuous pursuit of excellence in anything we do.



PUBLIC COURSE RECORDS

1. Offshore Safety Orientation

Date Training	Venue	Expiry Date

2. Sea Survival

Date Training	Venue	Expiry Date
24/26.4.2019	MSTS ASIA, Miri	

3. Basic Fire Fighting

Date Training	Venue	Expiry Date
24/26.6.2019	MSTS Asia, MIRI	



4. H.U.E.T

Date Training	Venue	Expiry Date
24/26.4.2019	MSTS ASIA, MI21	

5. Permit to Work

Date Training	Venue	Expiry Date
15 April 2019	Dimension Bid, Mri: Office	
10 March 2020	SEQU TAS OFFSHORE SAFETY	

6. IWCF

Date Training	Venue	Expiry Date



7. Public Courses

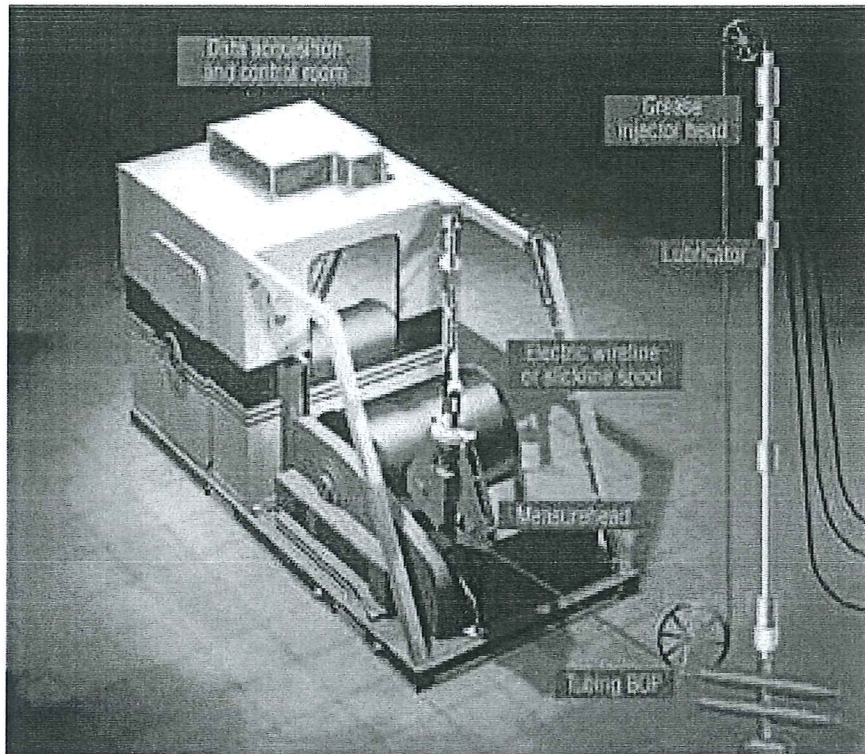
Date Training	Training Topic	Venue
16. April. 2019	Working At Height	SIPCO Sdn Bhd
18. April. 2019	H2S Basic Training	SMTIC
22/23. April. 2019	Rigging & Shingging	BSIS

8. In-house Training

Training Date	Training Category	Training Subject / Title

Training Category: HSE / Technical Presentation / PCE / Surface Equipment / Tools

Module 1: Basic of Wireline - Equipment and Operation





Module 1: Basic of Wireline - Equipment and Operation

DESCRIPTION		THEORY & ASSIGNMENT		
		DATE	ASSESSED & APPROVED BY	VERIFIED & APPROVED BY
A	Basic Safety			
1	PPE	10/4/2019	[Signature]	
2	Responsibilities	10/4/2019	[Signature]	
3	Policies	10/4/2019	[Signature]	
4	Hazard ID & Incident Report	10/4/2019	[Signature]	
5	Operational Safety	10/4/2019	[Signature]	
B	Surface Equipment Familiarization			
1	Stuffing box	7/5/2019	[Signature]	
2	Lubricator	7/5/2019	[Signature]	
3	Blow Out Preventer (BOP)	8/5/2019	[Signature]	
4	X-Mass Tree	8/5/2019	[Signature]	
5	Wireline Reel Skid Unit (Single Drum & Double Drum)	9/5/2019	[Signature]	
6	Odometer	18/7/2019		
7	Weight Indicator (200 lbs and 4000 lbs)	18/7/2019		
8	Spooling Device	25.6.2019	[Signature]	
9	Control Panel	10/5/2019	[Signature]	
10	Huskel pump	22.23/7/2019	[Signature]	
11	Power Pack (Electrical & Diesel)	9/5/2019	[Signature]	
12	Air Compressor			
13	Drum	25/6/2019		
C	Downhole Equipment Familiarization			
1	Basic Toolstring	13/5/2019	[Signature]	
2	Pulling / Running Tools	23/5/2019	[Signature]	
3	Wireline Wire	6/5/2019	[Signature]	
4	Inspection / Maintenance of Tools	16/5/2019	[Signature]	
D	Rig-up Wireline Surface Equipment			
1	Wireline Mast	25.26/7/2019	[Signature]	
2	Lubricator Assembly	20/4/2019	[Signature]	
3	Operating the BOP	8/5/2019	[Signature]	
4	Make Rope socket and Toolstring Configuration	14/15.5.2019	[Signature]	
5	Toolstring Configuration	14.5.2019	[Signature]	
6	Operate the Control Panel and Huskel Pump	24.6.2019	[Signature]	
7	Service of basic wireline tools	15/5/2019	[Signature]	

Comment:



A. Wireline Operation Basic Safety Protection

1. Personal Protective Equipment

1.1 What is definition of Person Protective Equipment

PPE is protective clothing, helmets, goggles or other garments or equipment designed to protect the workers body from injury or infection. The hazards addressed by protective equipment include physical, electrical, heat, chemicals, biohazards and airborne particulate matter.

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

- Safety Helmet
- Ear Plug
- Safety Glasses
- Gloves
- Coverall
- Safety Boot
- Mask

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

- Workshop
- Hot work area
- Bed zone
- Platform
- Rig

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

- Safety Helmet
- Mask
- Safety Glasses
- Ear Plug
- Coverall
- Gloves

1.5 PPE should you wear while working in mercury and H₂S are

- Respirator Protection
- Gye protection
- Fire resistant gloves & clothing

OH



2. Responsibility

2.1 Employee Responsibilities towards Health, Safety and Environmental (HSE)
Prevent and eliminate injury and illness to employees and assist companies to comply with safety laws. They inspect workplaces and minimize or eliminate hazards from processes, such as incorrect working methods and material such as potentially toxic chemicals.

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

- Clearly label designated Hazardous Zones
- Always use safe lifting techniques
- Provide training and refresher courses
- Promote awareness in Warehouse
- Eliminate any potential safety hazards

2.3 When should we do housekeeping?

After finished working and make sure floor and table were clean from oil, water and grease. Keep the tool and equipment from where it been taken.

2.4 Why housekeeping is important?

- Keeping work area neat and orderly, maintaining halls and floors free of slip and trip hazards.
- Reduces property damage by improving preventive maintenance
- Better control of tools and materials

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

STOP WORK! / Intervene / Report



3. Policies

3.1 List down all DB policies in regards to HSE

- Driving Policy — HSE Policy
- Smoking and Vaping Policy
- PPE Policy
- Harassment in the work place policy
- Stop Work Policy
- Information Technology Policy
- Drug and alcohol Policy

3.2 What is HSE Policies

The Health, Safety and Environment (HSE) Policy enunciates the philosophy and commitment of the company toward environmental protection and management of health and safety of employees, contract workmen and visitors. Environmental protection will ensure sustainable resources usage.

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

Stop Work Policy is a program designed to provide employees and contract workers with the responsibility and obligation to 'Stop Work' when a perceived unsafe condition or behavior may result in an unwanted event.

CH

[Signature]



4 Hazard ID and Incident Reporting

4.1 How can we report hazard or unsafe act?

Please do not wait for someone else to report a hazard. Let someone know right away so that it can be addressed before someone is injured. If you believe that an unsafe working condition exists in the workplace you have the right and are encouraged to make a report of the condition.

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

Record any injury in the accident book it need be. Make your employer has reported it to the HSE.

1. Have a plan in place and share it
2. Examine the injury
3. Have all type of workplace incident report forms ready to fill
4. Visit to doctor don't delay unnecessarily
5. Show you care
6. Report while the details are fresh.
7. Check in with your employer.

4.3 What is the incident reporting process?

Incident reporting and investigation procedure an incident is an unplanned occurrence that results or could result in injury to people or damage to property. An incident may also be considered an accident or near miss.

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

By reducing the risks that you can identify using the Hazard Hunting programme. You make your workplace safer. This will help you prevent incidents. Hazard Hunting is suitable for everyone who work at an onshore or offshore location or in an office.

4.5 Please explain what is Near Miss

Near Miss is an unplanned event that has the potential to cause but does not actually result in human injury, environment or equipment damage or an interruption to normal operation.

4.6 In case of emergency,

a) Firstly what should you do?

Report to HSE or shout for help.

b) Where is DB assembly point (Base)?

Outside main gate.



4.7 Where can you find the emergency contact Number?

HSE Board

Meeting Room

Smoking Area

5. Operational Safety

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

1. Keep work places clean

2. Report dangers and accident

3. Provide proper training

4. Provide proper equipment

5.2 What is the purpose of Safety Morning Meeting

Safety meeting to communicate any safety ideas or concerns that you may have. Participate in your safety meetings.

5.3 What is the purpose of briefing and Debriefing

Briefing provide the information needed to direct deployed resources. This information is also used for debriefing personnel in order to obtain further relevant, available information.

5.4 What is Permit To Work (PTW)

PTW refers to management systems used to ensure that work is done safely and efficiently. These are used in hazardous industries and involve procedures to request, review, authorise, document and most importantly, de-conflict tasks to be carried out by front line workers.

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

In a JSA, each basic step of job is to identify potential hazards and to recommend the safest way to do job. JSA are not suitable for jobs defined too broadly, for example "Overhauling engine" or too narrow for example "Positioning Car Jack".

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

Clearly label designated Hazardous Zones

Always use safe lifting techniques

Provide training and refresher courses

Promote awareness in warehouse.

CA



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

- Use rubber glove
- Use face mask

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

PTW is the document that serve as authorization to do specific work at given location on specific time. PTW is use of non-routine job.

5.9 When do we apply the work permit

When we are going to do non-routine work.

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

- ✓ Ensure all connection is tight
- ✓ Hole in good condition
- ✓ Initial whip check
- ✓ Briefing

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

- Ensure all tubing with no leak
- Ensure use whipcheck and 'R' pin.

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

To ensure the team member aware of the activity procedure and its risk. Team member that is aware of the risk will work according to correct procedure and to avoid the discussed risk.

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

Stop working. Assess the risk and apply correct measure. If it is not safe abandon the work.



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

Apply Pflw. Mame barrier for the area.

12/7/19

Comment: Employee can able to explain well in all questions just need to upgrade himself in Pflw and ISA (base work Others daily activities). Understand overall responsibility in work in safe manner. Just Jopalewan - HSE Mgr

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

DIMENSION BID JOB HAZARD ANALYSIS WORKSHEET (JHA)	Location: DB WORKSHOP	Date:					
Team Composition: _____							
Section A: (Tasks information)							
TASK: Painting & Chipping On wireline mast 06							
OIDC associated with above task: N/A * Delete whichever not required							
Section B: JHA Detail Description							
Step No.	Descriptions of task step	Hazard Prompt 10 +1	Task Hazards	Threats	Top Event	Risk (L/M/H)	Control Measures
1.0	Arrange mannicooler to work area using forklift	Gravity	Object at height	Defective Lifting Gears	Dropped Object	M	Certified Gears/Inspected / Authorized fork lift driver
		Motion	Moving Object	Defective Slings	Swinging Load, Dropped object,	L	Ensure Sling in Good Condition, Secured loosen item
		Radiation	Sunlight	Over Expose to Hot Sun, Fainted due to dehydration	Heat Stroke	L	Drink Lots of Water/Proper Break Time
		Weather	Poor Visibility	Strong Wind, thunder storm, heavy raining	Flying & Falling Objects,	L	Secure Loose Objects/No Rigging up or Down during Strong Wind (25 knots), Stop work,
2.0	Painting and chipping On mannicooler	Motion/body mechanic	Handling equipment	Finger Pinch, Slip and fall,	Hand/Finger Injury, Body Injury, Head Injury,	M	Use proper handling techniques PPE safety helmet, safety boots, hand glove and safety glass
		Chemical	Fume	Skin Injury And Fume From Painting.	Fume/Hand Injury.	L	Use Proper PPE And Handling Techniques.
3.0	Normalization/Housekeeping	Body Mechanic	Slippery/Trip & Fall	oil and grease on deck	Injury	L	PPE / Supervision. Carry out housekeeping
		Invisible	Time Pressure	Human error, Rushing	Stress	L	Supervision, planning, time management
		Body Mechanic	Leaning against on handrail	Human error	Injury	M	Supervision
Recovery Measures:							
*In the event of Top Event occurred, apply STOP WORK POLICY and carry out actions as per the Emergency Response Procedures							
*Any additional Recovery Measures to be discussed by the signatories							
Section C: Signatories							
JHA Applicant Name: <u>Christopher</u>				Reviewed and Verified by Name: <u>FADZUL</u>			
Sign: <u>[Signature]</u>				Sign: <u>[Signature]</u>			
Date/Time: _____				Date/Time: <u>7/5/14 - 10am</u>			
Section D:							
Identify and discuss the Life Saving Rule							
(1) Tick the Life Saving Rule(s) relevant with the task							
(2) Discuss the rules?							
[1] Work with a valid work permit where required	<input checked="" type="checkbox"/>	[4] Obtain authorization before entering a confined space	<input checked="" type="checkbox"/>	[7] Do not walk under a suspended load	<input checked="" type="checkbox"/>	[10] While driving, do not use your phone & do not exceed speed limits	<input checked="" type="checkbox"/>
[2] Conduct gas tests where required	<input checked="" type="checkbox"/>	[5] Obtain authorization before overriding or disabling safety critical equipment	<input checked="" type="checkbox"/>	[8] Do not smoke outside designated areas	<input checked="" type="checkbox"/>	[11] Wear your seat belt	<input checked="" type="checkbox"/>
[3] Verify isolation before work begins and use the specified life protected equipment	<input checked="" type="checkbox"/>	[6] Protect yourself against fall when working at height	<input checked="" type="checkbox"/>	[9] No alcohol or drugs while working or driving	<input checked="" type="checkbox"/>	[12] Follow a prescribed Journey Management Plan	<input checked="" type="checkbox"/>

11

12



Hazard Prompt... 10+1

										
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The Risk Assessment Matrix (RAM) shown below is used to determine and document the HSE risks for various activities/tasks and to identify the risk response requirements to reduce these risks to ALARP

LEVEL	CONSEQUENCES DESCRIPTOR		ASSET	ENVIRONMENT	REPUTATION
	PEOPLE				
0	No injury or health effect		No damage	No effect	No impact
1	No affecting work performance or daily life activities. E.g. MTC; exposure to health hazards - noticeable discomfort, minor irritation or transient effects reversible after exposure stops.		cost less than 10,000 USD E.g. No disruption to operation.	Slight environmental damage - contained within the premises. E.g. small spill in process area or tank farm that readily evaporates.	Local public awareness but no discernible concern; No media coverage.
2	Affecting work performance and Daily Life Activities up to 5 days. E.g. Minor illness resulting in 5 calendar days away from work; illnesses such as skin irritation or food poisoning.		Cost between 10,000 and 100,000 USD. E.g. Brief shutdown to operation.	Minor environmental damage but no lasting effect. E.g. Small spill contained within the premises. Contaminated area cleaned up. Exceedance of statutory or other prescribed limit.	Local public concern; Local media coverage.
3	Affecting work performance or Daily Life Activities in the longer term. E.g. Long term disabilities (previously called Permanent Partial Disabilities); illnesses such as sensitizations; noise induced hearing loss; chronic back injury; RSI or stress.		Cost between 100,000 and 1 million USD. E.g. Partial shutdown.	Limited environmental damage that will persist or require cleaning up. E.g. spill from a pipeline into soil (and that requires removal & effects/damage E.g. fish kill or damaged vegetation, off-site groundwater contamination; complaints from community organizations (or > 10 complaints from individuals); frequent exceedance of statutory or other prescribed limit, with potential long term effect.	Significant effect in region or vicinity; Regional public concern; Local stakeholders e.g. community, NGO, industry and government are aware; Extensive attention in local media. Some regional or national media coverage.
4	Resulting from injury or occupational illness. E.g. illnesses such as corrosive burns, asbestosis, silicosis, cancer and serious fatalities.		Cost between 1 and 10 million USD E.g. Up to two weeks shutdown.	Severe environmental damage that will require extensive measures to restore beneficial uses of the environment. E.g. oil spill at jetty during tanker (or) loading that ends up on local shore; contamination over an extensive area; many complaints from community organizations or local authorities; extended statutory to other prescribed limits, with potential long term effects.	Likely to escalate and affect Group reputation; National public concern; impact on local & national stakeholders' relations; National government and NGO involvement with potential for international NGO action; Extensive media attention leading to restricted operations or impact on operating licenses
5	Resulting from injury or occupational illness. E.g. multiple asbestosis cases traced to a single exposure situation; Cancer to a large exposed population; major fire explosion resulting in more than 3 fatalities.		Cost in excess of 10 million USD. E.g. Substantial or total loss of operation.	Persistent severe environmental damage that will lead to loss of wide area. E.g. crude oil spillage resulting in pollution of a large part of river estuary and extensive clean-up and remediation measures.	Severe impact on Group reputation; International public concern; High level of concern amongst governments and action by international NGOs; International media attention; Significant potential for effect on national / international public awareness with impact to access to new areas, grants or licenses and / or tax legislation.



LOCATION	DB open yard	DATE	
TASK	Mengangkat barang/tools/material menggunakan forklift	JHA REFERENCE NO.	
WORK SITE	<i>Wahayap DB Cabuan</i>	ASSESSMENT TEAM	

Job Step	Potential Hazard	L	S	R	Control Measures	L	S	R	Result
1. Perancangan tugas	1.1 Salah faham	1	1	1	1.1.1.1 Berbincang dengan foreman dan orang yang bertanggungjawab kawasan kerja. 1.1.2 Pastikan setiap pekerja tahu tugas masing-masing	1	1	1	Diterima Diterima
2. Forklift memasuki tapak kerja	2.1 Keadaan forklift 2.2 Operator forklift yang tidak kompeten. 2.3 Forklift melanggar peralatan disebabkan kawasan sempit.	1	1	1	2.1.1 Periksa keadaan forklift sebelum memulakan kerja. 2.1.2 Perhatikan jika ada kebocoran pada hidraulik. 2.2.1 Periksa sijil latihan operator. 2.3.1 Pastikan Rigger / signalman mengawal kren masuk dan keluar.	1	1	1	Diterima Diterima Diterima
3. Pemeriksaan kawasan kerja.	3.1 Tempat Kerja Terhad	2	1	2	3.1.1 Bincang cara kerja yang selamat untuk kerja ruangan terhad. 3.1.2 Pemeriksaan pada tempat yang akan dimasuki.	1	1	1	Diterima Diterima

	3.2 Laluan Terhad	2	2	4	3.2.1 Melindungi permukaan daripada sentuhan yang tidak sengaja. 3.2.2 Menyediakan pemerhati. 3.2.3 Sediakan pelan penyelamat.	1	1	1	Diterima
	3.2 Halangan	2	1	2	3.2.1 Pastikan laluan keluar masuk tiada halangan. 3.2.2 Alihkan objek yang menghalang aktiviti kerja.	1	1	1	Diterima
4. Forklift mengangkut dan mengalihkan barang	4.1 Forklift terbalik disebabkan tanah tidak rata. atau lebih bebanan	1	3	3	4.1.1 Pastikan memeriksa kawasan sekeliling sebelum operasi Forklift dilakukan.	1	1	1	Diterima
	4.2 Forklift melanggar peralatan ketika mengangkut barang	1	2	2	4.2.1 Pastikan signalman mengawal forklift	1	1	1	Diterima
	4.3 Barang terjatuh	1	2	2	4.3.1 Gunakan peralatan pengangkat apabila mengangkut melalui peralatan yang sedang beroperasi. 4.3.2 Mengikat peralatan kerja. Rigger dikehendaki memeriksa mata forklift dilaras bersesuaian dengan barang yang hendak diangkat.	1	1	1	Diterima
					4.3.3 Blinking light dinyalakan sepanjang masa operasi atau Reverse alarm semasa mengundur. Pastikan tiada orang bekerja diatas fork. 4.3.4 Pastikan barang diangkat menggunakan Web sling diikat dengan sempurna..Beban diangkat mengikut kapasiti forklift.	1	1	1	Diterima
						1	1	1	Diterima

	4.4 Cuaca	1	2	2	4.4.1 Lakukan kawalan pada permukaan licin. 4.4.2 Angin kuat-pelindung mata. 4.4.3 Panas-kekurangan air,berehat 4.4.4 Kilat dan petir-pilihan peralatan,menunda pekerjaan.	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	
5. Housekeeping	5.1 Sisa pembersihan dan pelupusan Kayu, kotak, kertas, plastik	1	1	1	5.1.1 Terapkan amalan-amalan pengurusan persekitaran. 5.1.2 Patuhi prosedur pengurusan sisa setempat. 5.1.3 Bersihkan peralatan dan mengurus bahan-bahan di kawasan yang disediakan. 5.1.4 Menoptimumkan tugas untuk mengurangkan pengeluaran sisa	1 1 1 1	1 1 1 1	1 1 1 1	Diterima Diterima Diterima Diterima
	5.2 Kabel/wire sling/web sling berselerak dan tidak tersusun.	1	1	1	5.2.1 Gulung dan simpan kabel/sling/web sling setelah digunakan.	1	1	1	Diterima

1	Negligible	First Aid Only for injury & illness	Date :					1-4	Low
			Name	Sign	Date:	Name	Sign		
2	Minor	Medical Treatment, Outpatient for injury	1	2	3	4	5	10	Medium
3	Major	Hospitalized, disabling injury but recoverable	2	4	6	8	10	15	High
4	Critical	Permanent Disability / Irrecoverable illness	3	6	9	12	15	20	
5	Catastrophe	Single or more casualty	4	8	12	16	20	25	
			5	10	15	20	25		
			Very Unlikely	Unlikely	Likely	Most Likely	Certain		
			1	2	3	4	5		

Date :			Date:			Date :		
Name	Sign	Name	Sign	Name	Sign	Name	Sign	Name

Date :			Date :		
Name	Sign	Name	Sign	Name	Sign

WORK ACTIVITY RESPONSIBILITY		JHA SUBMITTED BY	JHA ACCEPTED BY
Work Leader	Receiving Authority (Supervisor)		Approving Authority (SHO)
Name:-	Name:-		Name:- <i>TRDZUR</i>
Signature:-	Signature:-		Signature:- <i>Phyo</i>
Date:-	Date:-		Date:- <i>2/5/19</i>



DIMENSION BID

WELL INTERVENTION | PERFORATION SERVICES

JOB HAZARD ANALYSIS

LOCATION	DB Workshop	DATE	JHA REFERENCE NO.	L	S	R	L	S	R	Result
WORK SITE	Spooling wire SE Department									
Job Step	Potential Hazard	L	S	R	Control Measures	L	S	R	Result	
• Prepare pre job meeting	<ul style="list-style-type: none"> To avoid clash of work at workshop area Other party not aware where are you are working 	2	1	2	<ul style="list-style-type: none"> Inform all team nearest workers on working area and description of works Inform the hazards involved at place of work 	2	1	2	Acceptable	
• Preparation of equipment	<ul style="list-style-type: none"> Hand and finger injury during rack Remove the wire drum from Tie up with belt to lift drum Failure of lifting equipment (sling / forklift hydraulic leak) Struck by load during transfer wire drum 	2	2	4	<ul style="list-style-type: none"> Do not place hand at wrong position. Use tag line/push pull stick to guide equipment instead of hand Physical inspection of lifting equipment Valid inspection records Wear safety shoes, gloves & safety glass Stay away from load 	2	1	2	Acceptable	
• Install the wire drum	<ul style="list-style-type: none"> Hand crush by falling wire drum due to failure lifting equipment. Finger pinched by wire drum whilst repositioning process. 	2	2	4	<ul style="list-style-type: none"> Beware of hand position Knowledge for handling and installing the wire drum 	2	1	2	Acceptable	
• High pressure hose	<ul style="list-style-type: none"> Hydraulic oil splash to worker due to hose burst 	2	2	4	<ul style="list-style-type: none"> Physical inspection of hose and joint 	2	1	2	Acceptable	

<ul style="list-style-type: none"> Spool in and spool out 	<ul style="list-style-type: none"> Wire broken while spooling process and stabbed operator Entanglement 	2	1	2	<ul style="list-style-type: none"> do double confirm for every joint barricade the area Use proper personnel protective equipment. Physical inspection of wire condition before spooling activity Use proper machine guarding Barricade the area and put warning sign for awareness. 	2	1	2	Acceptable
--	---	---	---	---	--	---	---	---	------------

S- SEVERITY			R- RATING			RESULT					
Major Damage	Minor Damage	No Damage	3	2	1	6	5	4	3	2	1
Lost Time Injury	Major Pollution	High (3)	3	2	1	9	6	3	3	1-2	Acceptable
First Aid Injury	Minor Pollution	Medium(2)	2	1	0	5	3	1-2	1-2	Tolerate	Acceptable
No injury	No pollution	Low (1)	1	0	0	3	High (3)	Probable	L- LIKELIHOOD		

Work Activity Participants			This JHA created by		
Name	Position	Perform Job Before?	Name	Discipline	Position

WORK ACTIVITY RESPONSIBILITY		JHA SUBMITTED BY		JHA ACCEPTED BY	
Work Leader		Receiving Authority		Approving Authority	
Name:-	Name:-	Name:-	Name:-	Name:-	Name:-
Signature:-	Signature:-	Signature:-	Signature:-	Signature:-	Signature:-
Date:-	Date:-	Date:-	Date:-	Date:-	Date:-
Time:-	Time:-	Time:-	Time:-	Time:-	Time:-



JOB HAZARD ANALYSIS

LOCATION	Open yard, KSB	DATE
TASK	Pressure and function test reel skid unit	JHA REFERENCE NO.
WORK SITE	ASSESSMENT TEAM	

Job Step	Potential Hazard	L	S	R	Control Measures	L	S	R	Result
<ul style="list-style-type: none"> Pre job meeting 	<ul style="list-style-type: none"> Other party not aware where you are working 	2	1	2	<ul style="list-style-type: none"> Applicant, authorizing ,approval signatories be familiar with the job Inform to all crew on location and description of works Inform the hazards involved at place of work 	2	1	2	Acceptable
<ul style="list-style-type: none"> Lifting wireline equipment 	<ul style="list-style-type: none"> Hand and foot crush during lifting the equipment due to sling break. Body caught between load Finger pinched while repositioning the equipment Equipment dropped due to lifting equipment failure. 	2	3	6	<ul style="list-style-type: none"> Physical inspection of lifting equipment. Valid inspection records Stay away from the weight Don't stand between load Assign experience signal man Beware of hand and foot position. 	2	1	2	Acceptable
<ul style="list-style-type: none"> Barricade work area 	<ul style="list-style-type: none"> Unauthorized personnel and moving vehicles (forklift) may enter work area and will hit personnel. 	2	3	6	<ul style="list-style-type: none"> Barricaded work area with barrier tape. So that other personnel and forklift driver are aware. 	2	1	2	Acceptable
<ul style="list-style-type: none"> Pressure test 	<ul style="list-style-type: none"> Oil spilled & fitting burst Tripping hazard Pressure trapped Slipped off 	2	2	4	<ul style="list-style-type: none"> Make sure safety pin properly installed & use lock pin Barricade the area & do house keeping Make sure "0" pressure prior to disconnect all joints Wear safety boot and keep house keeping. 	2	1	2	Acceptable
<ul style="list-style-type: none"> Housekeeping 	<ul style="list-style-type: none"> Improper placement of tools and equipment. Improper management of domestic waste (Paper, plastic, etc). 	1	1	1	<ul style="list-style-type: none"> Secure all equipment and return to original location. Ensure to dispose all domestic waste into rubbish bin. 	1	1	1	Acceptable

	<ul style="list-style-type: none"> Improper management of schedule waste SW 305 spent lubricant oil. 	1	1	1	<ul style="list-style-type: none"> Ensure to dispose the schedule waste into the oil drum and put labelling. 			
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		1	2	3	4	5	1-4	Low
1	Negligible	1	2	3	4	5		
2	Minor	2	4	6	8	10	5-12	Medium
3	Major	3	6	9	12	15	15-25	High
4	Critical	4	8	12	16	20		
5	Catastrophe	5	10	15	20	25		
	Single or more casualty	1	2	3	4	5		
		Very Unlikely	Unlikely	Likely	Most Likely	Certain		

Date :		Date:		Date :	
Name	Sign	Name	Sign	Name	Sign

Date :		Date :		Date :	
Name	Sign	Name	Sign	Name	Sign

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

Monthly SAFETY TALK SHARING (MORNING MEETING)

Month of : May 2019 - Do's & Don'ts in HSSE

No	Name	Date	Safety Talk Topic
1	Idayu & Nana	2-May-19	Do's & Don'ts - Fire Safety At Home
2	Leon & Henieken	3-May-19	Do's & Don'ts - Microwave Safety
3	Zana & Lala	6-May-19	Do's & Don'ts - During Ramadhan
4	Alleyson & Norlizah	7-May-19	Do's & Don'ts - Computer, Email , Surfing Web & Password
5	Asom & Exsan	8-May-19	Do's & Don'ts - Safe Motorcycle Riding
6	Syaiful & Shamsulyni	9-May-19	Do's & Don'ts - Phone Selfie
7	Alif & Jofri	10-May-19	Do's & Don'ts - Dental Health
8	Elyshandra & Mat Rock	13-May-19	Do's & Don'ts - Medicine
9	Devid & Christopher	14-May-19	Do's & Don'ts - Storm & Heavy Rain Safety
10	Lennon & Darrell	15-May-19	Do's & Don'ts - Mobile Security
11	Lauridsen & Hafriz	16-May-19	Do's & Don'ts - Physical Security
12	Idayu & Nana	17-May-19	Do's & Don'ts - Travelling Oversea Safety
13	Leon & Henieken	20-May-19	Do's & Don'ts - Escalator/Elevator Safety
14	Zana & Lala	21-May-19	Do's & Don'ts - Food & Drink Safety
15	Alleyson & Norlizah	23-May-19	Do's & Don'ts - Personal Safety at Night
16	Asom & Exsan	24-May-19	Do's & Don'ts - While using Gas cylinder at Home
17	Idayu & Nana	27-May-19	Do's & Don'ts - Home Alone
18	Syaiful & Shamsulyni	28-May-19	Do's & Don'ts - Saving Nature
19	Alif & Jofri	29-May-19	Do's & Don'ts - Refrigerator

FADZLIN IBRAHIM
HSE Officer
Dimension Bid (M) Sdn Bhd
(East Malaysia Operation)

Monthly SAFETY TALK SHARING (MORNING MEETING)

Month of : June 2019 - General Health, Safety, Security & Environment Topics

No	Name	Date	Safety Talk Topic
1	Elyshandra & Mat Rock	12-Jun-19	Keselamatan & Kesihatan di tempat kerja
2	Devid & Christopher	13-Jun-19	Ear Protection
3	Lennon & Darrell	14-Jun-19	4 Tips penjagaan kesihatan di tempat kerja
4	Lauridsen & Felix	17-Jun-19	Don't take shortcut
5	Idayu & Nana	18-Jun-19	Back injury & "Wasn't Me"
6	Leon & Henieken	19-Jun-19	Toolbox talk safety
7	Zana & Lala	20-Jun-19	Work safely in your office & Safety during raining day
8	Alleyson & Ayen	21-Jun-19	Mental Health
9	Asom & Exsan	24-Jun-19	Road Safety During Raining
10	Syaiful & Shamsulyni	25-Jun-19	Microsleep
11	Alif & Jofri	26-Jun-19	Tanda-tanda tubuh anda kekurangan air (DEHIDRASI)
12	Elyshandra & Mat Rock	27-Jun-19	Keselamatan Perjalanan Jauh
13	Devid & Christopher	28-Jun-19	Mechanical Lifting

FADZLIN IBRAHIM
HSE Officer
Dimension Bid (M) Sdn Bhd
(East Malaysia Operation)

Monthly SAFETY TALK SHARING (MORNING MEETING)

Month of : July 2019 - Health, Safety, Security & Environment Topics

No	Name	Date	Safety Talk Topic
1	Lennon & Darrell	2-Jul-19	Health : Insomnia (Symptoms, Causes, and Treatment)
2	Harry & Felix	3-Jul-19	Safety at Public area
3	Alleyson & Idayu	4-Jul-19	Security at workplace
4	Harveen & Edriea	5-Jul-19	Environment - Air Pollution
5	Devid & Christopher	8-Jul-19	Healthy eating in the workplace
6	Rozaiman & Fernkey	9-Jul-19	Safety during working at height
7	Leon & Fifie	10-Jul-19	Security at home
8	Rahine & Zana	11-Jul-19	Environment - Acid rain
9	Lala & Ayen	12-Jul-19	Health : Effects of Fast Food on the Body
10	Asom & Exsan	15-Jul-19	Safety : Sports Safety Tips
11	Syaiful & Shamsulyni	16-Jul-19	Security : How to Prevent Having Your Car Broken Into
12	Alif & Jofri	17-Jul-19	Environment : Oceans
13	Henieken & Mat Rock	18-Jul-19	Health : High blood pressure
14	Lennon & Darrell	19-Jul-19	Safety : Handphone exploded while charging cases
15	Harry & Felix	22-Jul-19	Security : Scammer
16	Harveen & Edriea	23-Jul-19	Environment : Water pollution
17	Devid & Christopher	24-Jul-19	Health : Stomach Ulcer Causes, Symptoms, and Diagnosis
18	Rozaiman & Fernkey	25-Jul-19	Safety : How to Stay Safe While Driving at Night
19	Leon & Fifie	26-Jul-19	Security : Protecting your data on social networking
20	Rahine & Zana	29-Jul-19	Environment : Hot Weather Safety Tips
21	Lala & Ayen	31-Jul-19	Health : Cardiac arrest - symptoms, causes and recovery

FADZLIN IBRAHIM
HSE Officer
Dimension Bid (M) Sdn Bhd
(East Malaysia Operation)

Neu
Dimension

DROPPED OBJECT PREVENTION AWARENESS

DIMENSION BID (M) SDN. BHD.



DIMENSION BID
WELL INTERVENTION | PERFORATION SERVICES



TABLE OF CONTENT

INTRO	Definition Dropped Object
CASES	Accidents related to Dropped Object
PREVENTION	Precaution measures of Dropped object
SUMMARY	Conclusion of Drop Object Prevention



What is Dropped Object?

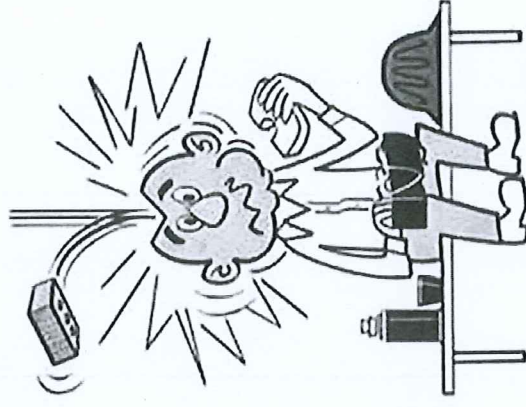
- Any item / object that falls from its previous position.
- Has a capability for harm and damage derived from its kinetic energy.
- Any item / object that falls from its previous static position under its own weight – gravity

Static Dropped Object

Any object that falls from its previous position under its own weight (gravity) without any applied force.

Dynamic Dropped Object

Any object that falls from its previous position due to applied force.



never relax on safety!



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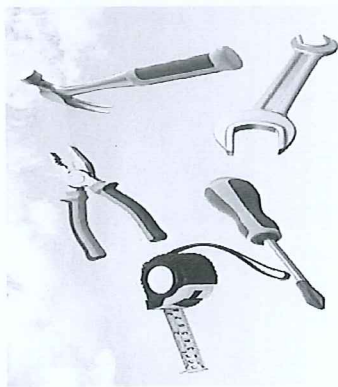


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Possible item to be the Dropped Object



Scaffolding components, boards, clamps, ties (loose, stacked, stored, handled, unsecured)

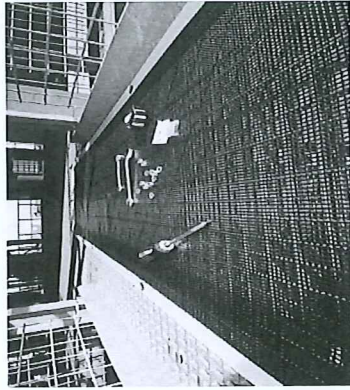
Ladders, lifting equipment, baskets

Hand tools (spanners, hammers, spirit levels, measuring tapes, tool belts)

Items from host structure (nuts, bolts, bricks, lights, aerials, slates, rivets, rubble, windows, brackets)

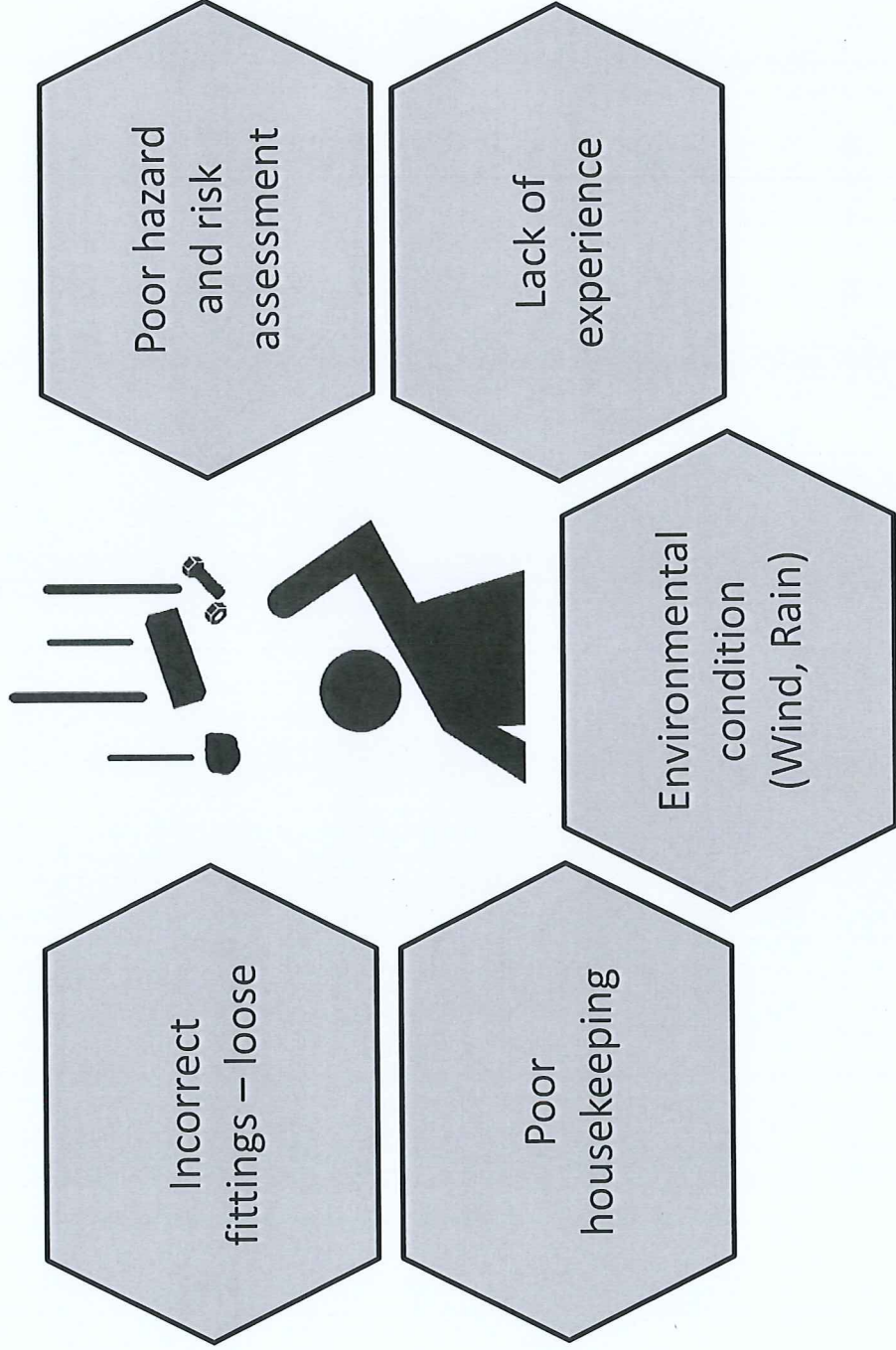
PPE (hard hat, safety glasses, fall arrest equipment)

Bottles, cans, phones, radios, personal items





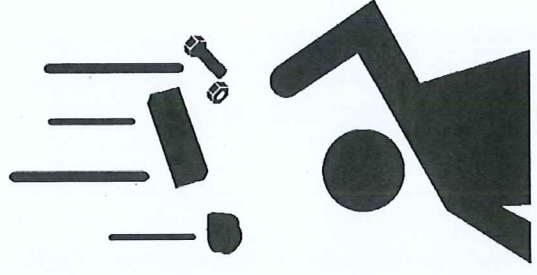
Causes of Dropped object





Common risk areas in Oil & Gas industry

- Area Rig derricks or the drill floor
- as below lifting operations
- Cranes
- Elevated work areas or platforms
- Temporary or portable equipment
- Remotely operated vehicles (ROVs)
- Vessels and barges
- Pipe racks
- Forklift trucks
- Poor stacking of materials
- Ladders
- Scaffolding



**PENGERANG INTEGRATED COMPLEX (PIC)
P-5 HSE ALERT – #13/ 2018**

Dropped Object – First Aid Case

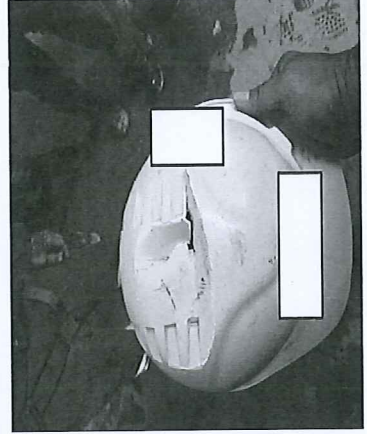
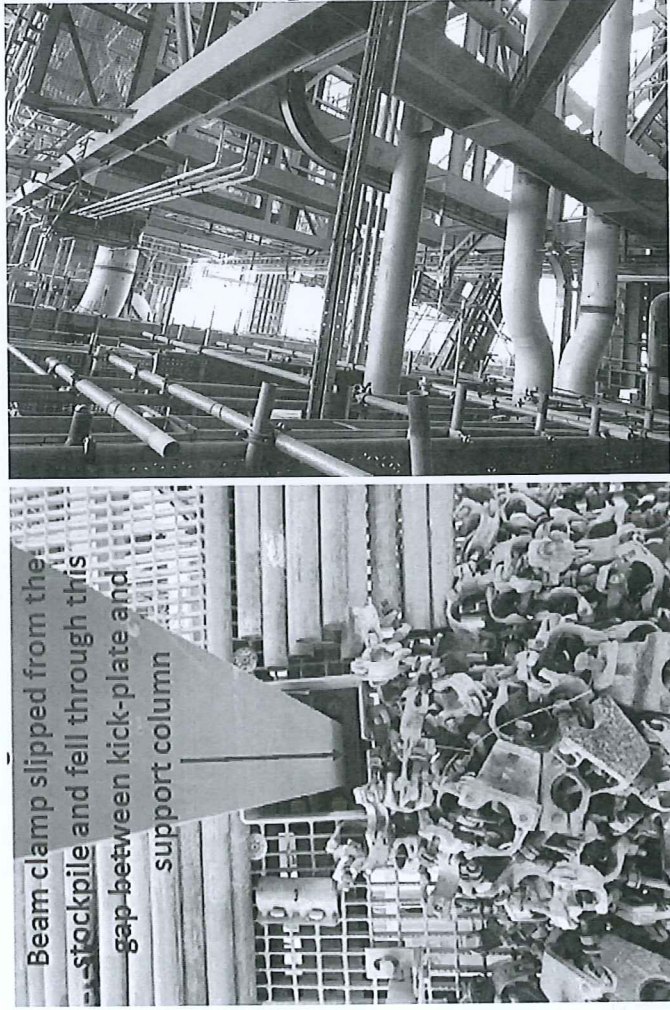
Date : 19 June 2018
Time : 08:40 hours
Location : P-5 Process Areas 2120
Task : Scaffolding Dismantle

WHAT HAPPENED:

A piping supervisor was carrying out line checking at the ground level in the P-5 Process Area 2120 when he was struck on the head by a scaffold beam clamp that fell a distance of approximately 14 meters to grade into an unguarded area.

The line checker was wearing his safety helmet and sustained a superficial abrasion wound to the crown of the head caused by the helmet suspension harness.

Scaffolders were engaged in scaffolding dismantle work on the structure platform and were stacking their materials in the elevated area prior to bringing down to ground level. One of the scaffold team dropped a beam clamp onto the pile of assorted scaffold clamps and it then slipped from the stockpile and through a narrow opening between a structure support column and the platform grating.



Woman killed after crane hook falls onto car along Jalan Raja Chulan

Dropped Object – Fatality Case
Date : 25 August 2016

By FAISAL ASYRAF - August 25, 2016 @ 9:51pm

KUALA LUMPUR: A woman was killed when a crane hook at a construction site fell on her car at Jalan Raja Chulan during rush hour this evening.

The victim is identified as Chin Khoon Sing, 24, from George Town, Penang.

It is understood that the incident occurred at 7.20pm. The hook, which was attached to a crane at a nearby construction site, is believed to have detached and fell onto her Perodua Kelisa.

Chin, whose car was stationary in the traffic jam, was killed instantly.

The construction site is believed to be part of the Pavilion shopping mall.

It is learnt that the hook weighs about a tonne.

A City Fire and Rescue Department spokesperson said firemen were alerted to the incident at 7.23pm, and 16 firemen were deployed to the scene.

Police believe Chin was returning from her office when the tragedy occurred.



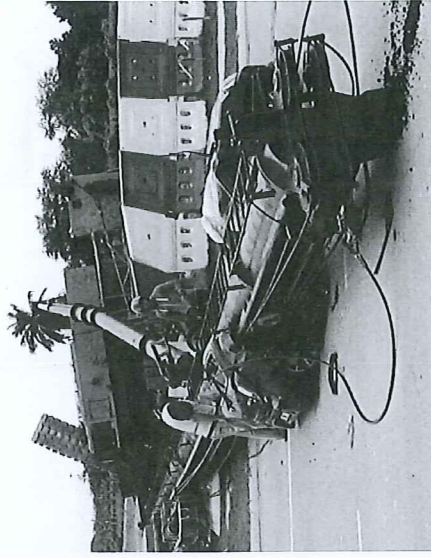
NEW
STRAITSTIMES
ESTABLISHED 1845

Construction machinery collapses onto car in Meru, Klang; two dead

By HARIZ MOHD
November 4, 2016 @ 2:56pm



Dropped Object – Fatality Case
Date : 4 November 2016



EDIT: The collapsed construction machinery was earlier described as a crane. The authorities have since confirmed it to be a piling rig

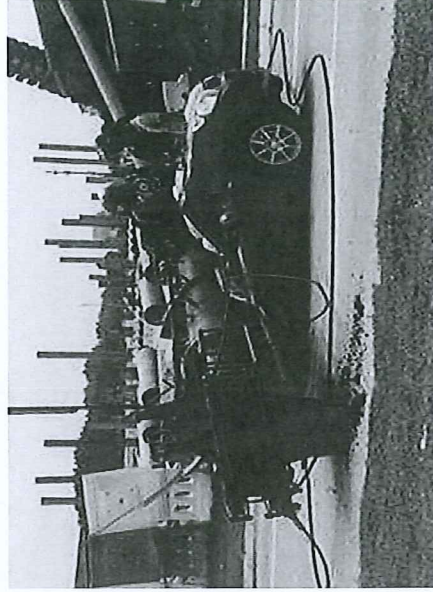
KLANG: Two people were killed when a piece of construction machinery at a construction site in Jalan Astana, Meru collapsed and fell onto a passing car this afternoon.

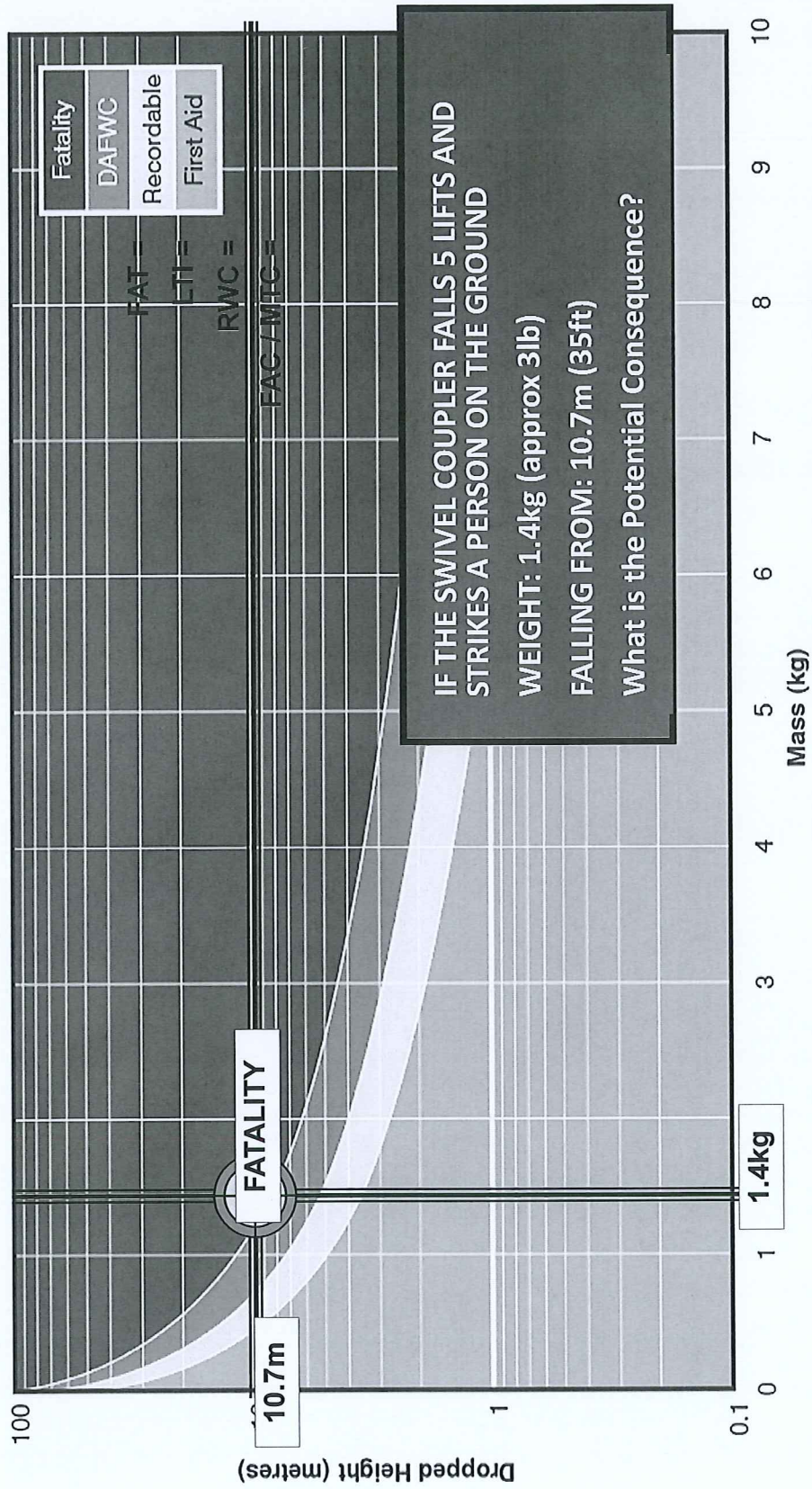
The 12.30pm incident saw both victims – a man and woman – killed on the spot due to serious head injuries. They were identified as Abd Rahim Abd Rahman, 61, and an Indonesian woman, Nurhayati, 56.

Selangor Fire and Rescue Department assistant director (Operations) Mohd Sani Harul said the victims were pronounced dead by a team of paramedics.

The top half of the Perodua Axia was totally crushed due to the impact of the crash.

He said the department were alerted to the incident at 12.35pm and dispatched a team of seven firemen from Sungai Pinang fire station to the scene.





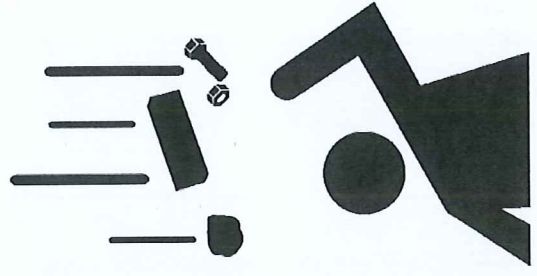
IF THE SWIVEL COUPLER FALLS 5 LIFTS AND STRIKES A PERSON ON THE GROUND
WEIGHT: 1.4kg (approx 3lb)
FALLING FROM: 10.7m (35ft)
What is the Potential Consequence?

***Drops Calculator and other similar tools should ONLY be used for indication; they are not accurate predictions**



Awareness Campaign	<ul style="list-style-type: none"> • DROPS Training • ACT Cards/Hazard Hunt/Safety talk • Safety Alerts (email) • Briefing (video sharing) • Posters
Zone	<ul style="list-style-type: none"> • Equipment zones/area • Red zone vs Green zone
Refresh	<ul style="list-style-type: none"> • Pre-job Drops Checklist
Action/Learning	<ul style="list-style-type: none"> • Reliable securing (equipments/tools/etc)
Third Parties	<ul style="list-style-type: none"> • Equipment handling (lifting)
Reponsibilities	<ul style="list-style-type: none"> • Pre-job plan (DROPS prevention)
Communication	<ul style="list-style-type: none"> • DROPS Lead at location • Stop Card implementation (DROPS) • Weekly meeting/Toolbox meeting
Continuous Learning	<ul style="list-style-type: none"> • Incident Sharing • Inspection at location

- Company Policy
- Equipment Maintenance and Certification
- Site Inspections
- Safe Working Practices
- Permits
- Toolbox Talks
- Drops Awareness



Your Simplified Solutions Partner



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WELL INTERVENTION | PERFORATION SERVICES

Summary

What are you going to do about preventing Dropped Objects in your workplace

- Communicate, raise awareness, intervene where appropriate
- Reliable Securing – recognise its role
- List inherent hazards so others may learn
- Plan for the prevention of dropped objects

- Dropped Objects occur everywhere, be vigilant

DIMENSION BID
WELL INTERVENTION | PERFORATION SERVICES



**Thank you for your attention
& stay alert**



Your Simplified Solutions Partner