



X Construction Sdn Bhd
INCIDENT/ACCIDENT INVESTIGATION REPORT

PART A							
Report NO : 633729							
Investigation Team 1. AnasPM (Leader) 2. AnasSHO 3. AnasSV							
Terms of Reference <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 30%;">1. Site Of Incident</td><td>REF-20240523-MRKQVS</td></tr><tr><td>2. Copy Of HIRARC</td><td>REF-20240523-HJHY7F</td></tr><tr><td>3. Interview Victims or Witness</td><td style="text-align: center;">☑</td></tr></table>		1. Site Of Incident	REF-20240523-MRKQVS	2. Copy Of HIRARC	REF-20240523-HJHY7F	3. Interview Victims or Witness	☑
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3. Interview Victims or Witness	☑						
Category of Incident : Fatal							
When and Where did the Incident Occur? The incident occurred on 04-05-2025 at 15:46:00. It occurred at Sabah.							
Description of the incident : A worker died after being subjected to an electric shock, while performing tasks to lift and move pipes using a truck-mounted crane that came into close proximity with overhead electrical lines.							
Description of property damage (if any) : Broken pipe and broken electrial line.							
How did the incident occur : The incident likely occurred when a worker using a truck-mounted crane to move pipes brought it too close to overhead electrical lines. This caused electricity to arc to the crane, creating a conductive path through the equipment and the worker, resulting in a fatal electric shock. Contributing factors included misjudgment of distance, inadequate safety measures, and possibly poor visibility. This underscores the need for strict safety protocols when working near high-voltage lines.							
Findings of the investigation : Inadequate safety measures were not performed.							
Reported By : <div style="text-align: center;"></div> Name : AnasPM							

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PART B	
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Need For Corrective Actions:	
<div>1. Maintain Safe Distances: Establish and enforce clear safety zones around overhead electrical lines, ensuring cranes and other equipment stay a safe distance away.</div> <div>2. Ensure cranes and other heavy equipment are properly grounded when operating near electrical lines.</div>	
Mitigative Actions:	
<div>1. Install physical barriers or insulating devices to prevent crane contact with overhead electrical lines.</div> <div>2. Implement proximity sensors or alarms on cranes to alert operators when nearing electrical lines.</div>	
Mitigative Actions:	
<div>1. Explore advancements in crane technology, such as enhanced proximity detection systems or automated collision avoidance features.</div> <div>2. Continuously update training programs to incorporate the latest safety practices, equipment operation techniques, and hazard recognition skills</div>	
Penalty:	
<div>1. Azwan could face a temporary or permanent suspension from work, along with being required to undergo additional safety training, and potential legal repercussions based on negligence.</div> <div>2. Amir, if responsible for supervising Azwan or ensuring safety protocols, might face similar penalties as Azwan, with potential for demotion or termination depending on severity, and legal consequences if found liable for negligence.</div>	
The results has been communicated to the following personnel:	
Safety Committee	<input checked="" type="checkbox"/>
Project Manager	<input checked="" type="checkbox"/>
Staffs	<input checked="" type="checkbox"/>
Others	<input checked="" type="checkbox"/>
Signature (SHO) : <div style="text-align: center; margin-top: 10px;"></div>	
Name : AnasSHO	
Date : 2024-05-22	




ATTACHMENTS

Date:

Rev Number:REF-20240523-MRKQVS



X Construction Sdn Bhd
HAZARD IDENTIFICATION, RISK ASSESSMENT, AND RISK CONTROLS REGISTER

Project/HQ : X Construction Sdn Bhd	Description of Job : Falsework and Scaffolding Temporary Structure	Prepared By : AnasPM 	Hirarc No :
Location: Jayyid	Verified By: AnasSHO 	Approved By: AnasPM 	Page : 1 of 2 Date : 23/05/2024




Hazard Identification			Risk Assessment						Risk Control		
No	Job Sequence	Hazard	Risk	Current Control	L	S	Score	Index	Opportunity	New Control (Suggestions)	Responsibility
1	Material management	Obstruct Material	Tripping by obstruct material	+short briefing before work +use proper PPE	2	3	6	M			Supervisor
2	Erection & and installation of false work/ temporary structure	Pinch point	Minor Injury	+toolbox briefing +use trained workers +short briefing before work +use proper PPE	2	2	4	L			Supervisor
3	Cont	Falling Material	+physical injury +material damage	+toolbox briefing +use trained workers +housekeeping work +any tools need to be secure	3	3	9	M			Supervisor

Rev No: REF-20240523-HJHY7F

Issue Date:2024-04-11

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