

SAFE WORK METHOD STATEMENT DOCUMENT

Document Title (to be completed by the Contractor / Service Provider)

Project / Workplace Name: Project / Workplace Name: PROPOSED 4 STOREY DATA CENTER PHASE 1 COMPRISE 4 STOREY OF OFFICE SPACE (LEVEL GROUND TO LEVEL 3), 2 STOREY OF DATA CENTER (LEVEL GROUND TO LEVEL 1), 2 STOREY OF MECHANICAL SPACE (LEVEL 2 AND LEVEL 3), 1 UNIT OF ELECTRICAL SUB STATION, DIESEL TANK AND UTILITY SPACE (LEVEL BASEMENT)	Address: Part 5 (C7.9)
SWMS Title : Installation Conduit & Cable Support System (Cable Ladder / Cable Tray / Cable Trunking)	Document Ref. No.: PMJ-NEXTDC-SWMS-MCCT-001- REV00
Contractor / Service Provider: MCC TECHNIQUE SDN BHD	Next Review Date:

Document Revision Status (to be completed by Contractor / Service Provider)

Rev No.	Date	Details of Revisions / Changes	Reviewed By (Name & Signature)	Approved By (Name & Signature)
01	19/06/2025	Installation Conduit & Cable Support System (Cable Ladder / Cable Tray / Cable Trunking)		

IJM Review, Verification & Endorsement

REVIEW

I have reviewed all aspects of this SWMS and am satisfied to the best of my knowledge that it meets all Lendlease acceptance criteria.

Package Manager / Engineer:

Signed:

Date:

VERIFICATION

I have verified all aspects of this SWMS and am satisfied to the best of my knowledge that it meets all Lendlease acceptance criteria.

EH&S Personnel:

Signed:

Date:

ENDORSEMENT

I have verified all aspects of this SWMS and am satisfied to the best of my knowledge that it meets all Lendlease acceptance criteria.

Project / Construction Leader:

Signed:

Date:

A SWMS REVIEW CHECKLIST (to be completed by Lendlease)

NOTE:

- Each Contractor / Service Provider, before commencing work, must provide written Safe Work Method Statement/s (SWMS) for the work to be carried out. The following checklist is to be completed and reviewed by Lendlease, and assessed to have met the Lendlease acceptance criteria in compliance with the requirements outlined in the checklist and any relevant EH&S Legislation, Codes and Specifications.
- This SWMS must be reviewed on a regular basis. When new information on EH&S risks surface, changes occur or after any inspection, incident / accident that impact on the agreed method of work, the SWMS must be revised accordingly.

Section 1: Compliance Checklist

SWMS Criteria		Check		Remarks
		Yes	No	
1.	Sets out step by step how the work activity will be carried out.	☒	☐	
2.	Identifies the aspects / hazards associated with each step of the work activity.	☒	☐	
3.	Assesses the impacts / risks associated with each step of the work activity.	☒	☐	
4.	Defines the controls to manage risks associated with each step of the work activity based on the hierarchy of controls – Eliminate, Substitute, Isolate, Engineer, Administrate and PPE.	☒	☐	
5.	Provides a description of the plant / equipment that will be used in carrying out the work activity (including equipment maintenance and inspection requirements, certification by qualified person and / or registration, etc.).	☒	☐	
6.	Describes the qualifications and training of personnel carrying out the work activity, including supervisors' experience, competency, licenses, operators' certification, etc.	☒	☐	
7.	Refers to and confirms compliance with relevant EH&S Legislation, Standards, Codes, Regulations.	☒	☐	
8.	Includes design requirements, engineered details or certification for both temporary and permanent structures, platforms or access ways / ladders.	☒	☐	
9.	Where PPE is nominated, the type of PPE is specifically listed and when it is required.	☒	☐	
10.	Defines the person who is responsible to ensure that the work activity is monitored and carried out in accordance with the SWMS.	☒	☐	
11.	Defines the process and frequency of reviews and methods for ensuring the work complies with the SWMS controls.	☒	☐	
12.	Identifies, where any Contractor / Service Provider will be used, the person who is responsible to monitor and supervise the works, and how impacts/hazards arising from interaction between trades will be communicated and managed (e.g. induction into more than 1 SWMS).	☒	☐	
13.	For complex or high risk work activities (where appropriate), uses photos / diagrams / sketches / summary to enhance the SWMS.	☒	☐	
14.	Includes the name and signature of the person who developed the SWMS, a current date and revision number.	☒	☐	
15.	The SWMS includes at least one preventative control set at an engineering level or above, and at least one mitigating control specified for each applicable GMR risk event detailed in Lendlease EHS Requirements.	☒	☐	

Where an exclusion zone is required, the SWMS must clearly state the detail of the required exclusion zone, including the person responsible for implementation and supervision.

B APPLICATION (to be completed by Contractor / Service Provider)

Section 1: Scope of Works

Tasks / Activities:

Installation Conduit & Cable Support System
(Cable Ladder / Cable Tray / Cable Trunking)

Work Location (Attach Site Plan): As per attached

Duration: April 2025 – End of project

Remarks:

1. Layout plan
2. Power tools
3. Scaffolding Details
4. Podium / platform / slide vertical ladder details

Section 2: Plant / Machinery / Equipment (Attach Inspection Certificates)

Type of Plant / Machinery / Equipment		Is this equipment inspected?		Remarks
1	Mobile Scaffolding	Yes ☒	No ☐	
2	Hand Tools	Yes ☒	No ☐	
3	Hand drill (electrical & battery)	Yes ☒	No ☐	
4	Grinder	Yes ☒	No ☐	
5	Metal Cut-off Saw	Yes ☒	No ☐	
6	GI Conduit bender	Yes ☒	No ☐	
7	Threaded tools	Yes ☒	No ☐	
8	Podium ladder	Yes ☒	No ☐	
9	Platform ladder	Yes ☒	No ☐	
10	Vertical ladder	Yes ☒	No ☐	

Section 3: Key Personnel / Qualified Persons (Attach Training Qualification Certificates)

Name		Appointment / Designation	Remarks
1	Nee Chyi Rong	Sr. Project Manager	
2	Tan Swee Kim	Sr. Project Manager	
3	Mohd Izwan Bin Zainuddin	Asst Project Manager	
4	Muhammad Zuhaili Azri Bin Mohd Zaid	Safety & Health Officer	
5	Muhammad Izzat Zarif Bin Ab Ghani	Site Safety Supervisor	
6	Mohamad Hanifuddin Bin Ismail	Project Engineer	
7	Muhammad Amir Luqman Bin Mat Sukri	Chargeman	
8	Sabaruddin Bin Sabril	Site Supervisor	
9	Muhammad Alif Hafizi Bin Zahari	Site Supervisor	

Section 4: Work Processes & Procedures

Inventory of Work Activities

Job Steps <i>These steps are to be copied to:</i> • C Section 2: Risk Assessment & • C Section 3: Safe Work Procedures		Job Step breakdown (if required) <i>Step breakdowns are to be copied to:</i> • C Section 3: Safe Work Procedures
1	Pre-start for the works	1.0 Set up exclusion zone (manual handling)
2	Mobilization of tools, equipment's materials with truck	1.0 Use provided working platform when loading and unloading materials and machinery from the lorry / trailer manually. (manual handling & forklift)
3	Works preparation	1.0 Erect the mobile scaffolding and (inspect by competent person)
4	Installation of cable support Cable Support System (Cable Ladder / Cable Tray / Cable Trunking)	1.0 Fabricate and modification of the Cable Support (ladder, trunking and tray) and accessories including measure, cut and bend. 2.0 Install the Drop-In Anchor & Threaded Rod using MEWP (scissor lift), podium/platform ladder and scaffolding. 3.0 Install the Hanging Unistrut Bracket using MEWP (scissor lift), podium/platform ladder and scaffolding 4.0 Install the Cable Support (ladder, trunking and tray) on Hanging Unistrut using MEWP (scissor lift), podium/platform ladder and scaffolding. 5.0 Install the Cable Support (ladder, trunking and tray) on top of electrical panel 6.0 Install the Cable Support (ladder, trunking and tray) on the floor opening.
5	Conduit Installation	1.0 Installation suspended conduit by install spring nut and threaded rod using MEWP (scissor lift), podium/platform ladder and scaffolding. 2.0 Installation of surface run conduit from soffit slab to wall and column using MEWP (scissor lift), podium/platform ladder and scaffolding. 3.0 Installation suspended conduit by install spring nut and threaded rod & surface run conduit from soffit slab to wall and column at limited space using vertical slide ladder
6	Housekeeping and material arrangement	1.0 All material must be arrange in good order at designated area

Special Instructions / Remarks:

HOLD POINT

Lendlease Package Manager or Engineer directly responsible for managing this activity is to verify that the Job Steps have been captured and are listed in logical sequence

HOLD POINT REVIEW

I have reviewed the above Job Steps. In my opinion they have all been captured and are in logical sequence.

Package Manager / Engineer:

Signed :

Date:

C RISK ASSESSMENT (to be completed by Contractor / Service Provider)

Section 1: General Information

<u>PREPARED BY (RA Team Leader):</u> Name: Muhammad Zuhaili Azri Bin Mohd Zaid Signed: _____ Designation: Safety And Health Officer Date: / /		<u>REVIEWED / APPROVED BY:</u> Name: _____ Signed: _____ Designation: _____ Date: / /	
Risk Assessment (RA) Team Members		Applicable Environment, Health & Safety (EH&S) Legislation	
Name	Designation		
• NEE CHYI RONG • TAN SWEE KIM • MOHD IZWAN BIN ZAINUDDIN • MUHAMMAD ZUHAILI AZRI BIN MOHD ZAID • MUHAMMAD IZZAT ZARIF BIN AB GHANI • MOHAMAD HANIFUDDIN BIN ISMAIL • MUHAMMAD AMIR LUQMAN BIN MAT SUKRI • SABARUDDIN BIN SABRIL • MUHAMMAD ALIF HAFIZI BIN ZAHARI	• SR. PROJECT MANAGER • SR. PROJECT MANAGER • ASST PROJECT MANAGER • SAFETY & HEALTH OFFICER • SITE SAFETY SUPERVISOR • PROJECT ENGINEER • CHARGEMAN • SITE SUPERVISOR • SITE SUPERVISOR	- Occupational Safety & Health (Amendment) Act (2022) - Occupational Safety & Health (Amendment) Act (2022) (Construction Work Design & Management)	- GMR (LENDLEASE)

Consequence Table

IMPACT \ LIKELIHOOD	Very Small - 1	Small - 2	Medium - 3	Large - 4	Very Large - 5
	Unlikely injury or ill-health, or onsite first aid treatment. Onsite environmental impact with straightforward clean-up or remedy with available site equipment and controls. No regulatory notification required.	Offsite medical treatment. Environmental damage with small clean-up; 0-3 months remedy. No regulatory notification required. Some community concerns raised but no impact.	Lost Time Injury or Occupational Illness. Environmental damage with treatable medium clean-up; 3-6 months remedy. Regulatory notification may be required. Limited impact on community with minor concerns raised.	Permanently Disabling Injury or Occupational Illness. Environmental damage with treatable large clean-up; 6-12 months remedy. Regulatory notification compulsory but no public investigation likely. Major impact on local community leads to community protests.	Fatality due to Injury or Occupational Disease. Kidnapping. Evacuation due to threat of fatality or kidnapping. Irreversible environmental damage or > 12 months clean-up or remedy. Regulatory notification compulsory with public investigation likely. Impact on local community leads to community outrage.
5 (Very High) – 1) Almost certain to occur; 2) Almost certain to re-occur due to past trends from incidents / issues; 3) Quantified very high exposure to the risk without any controls in place.	Minor	Moderate	Significant	Significant	Critical
4 (High) – 1) Strong evidence to likely occur; 2) Highly likely to re-occur due to past trends from reported incidents / issues; 3) Quantified high exposure to the risk without any controls in place.	Minor	Minor	Moderate	Significant	Significant
3 (Medium) – 1) May occur or known to occur; 2) Infrequent number and regularity of incidents / issues; 3) Quantified moderate exposure to the risk without any additional controls in place.	Minor	Minor	Moderate	Moderate	Significant
2 (Low) – 1) Could occur but not expected; 2) One or two reported incidents / issues to date; 3) Quantified low exposure to the risk without any additional controls in place.	Negligible	Minor	Minor	Minor	Moderate
1 (Very Low) – 1) Highly unlikely to occur; 2) No evidence of reported incidents / issues in the past; 3) No quantified and known exposure to the risk without any additional controls in place.	Negligible	Negligible	Minor	Minor	Minor
Risk Rating	Action				
Critical	Operation not permissible; management attention and consultation with Region Head of EH&S required.				
Significant	Operation not permissible; risk must be reduced by all possible means (not by interim risk control measures); management attention and consultation with Region Head of EH&S required.				
Moderate	Further risk reduction required where possible; remedial action to be taken immediately; 14 day (max) review needed to ensure risk level assigned is accurate and does not increase over time; management attention required.				
Minor	Risk tolerable subject to demonstration that risk level is as low as reasonably practicable; remedial action to be taken at appropriate time to further reduce risk; 30 day (max) review needed to ensure risk level is accurate & does not increase over time.				

Negligible	Risk acceptable; discretionary remedial action to be taken.
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Section 2: Risk Assessment

No.	Job Steps (Copy from B – Section 4)	Potential Aspects / Hazards	Possible Impacts / Accidents or Ill Health & Persons at Risk	Existing Impact / Risk Evaluation				Residual Impact / Risk Evaluation				Accountable person(s) / Designation / Follow-up Date
				Existing Impact or Risk Control / Preventive Measures	Impact	Likely- hood	Risk Rating	Additional Impact or Risk Control / Preventive Measures	Impact	Likely- hood	Risk Rating	
1	Pre-start for work: 1. Set up exclusion zone	Manual handling during setting up portable fencing	Musculoskeletal injury refers to low back pain effect by manual lifting	AC= Briefing to worker before start work (Pre-Start) AC= Supervision by the site supervisor & HSE personnel. AC= Brief about safe manual handling procedures to worker before start work. AC= Buddy system is to adopted for loads exceeding 20kg in weight AC= Material to be in proper arrangement. AC= Ensure all access is clear from any obstruction	2	1	NEG	EC= To use mechanical aids whenever possible such pallet jack and trolleys EC= Mechanical means shall be used for loads exceeding 40kg in weight	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Poor housekeeping at work area could lead to slip, trip and fall during setting up portable fencing.	Slip, trip and fall during setting up portable fencing lead to bodily injury	AC= Briefing to worker before start work (Pre-Start) AC= Supervision by the site supervisor & HSE personnel. AC= Brief about safe manual handling procedures to worker before start work. AC= Buddy system is to adopted for loads exceeding 20kg in weight AC= Material to be in proper arrangement.	2	1	NEG					TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

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3				AC= Material to be in proper arrangement. AC= Ensure all access is clear from any obstruction								
		Unstable working platform when loading or unloading materials and tools	Using unstable working platform can cause slip and trip and lead to bodily injury	AC= Briefing to worker before start work (Pre-Start) AC= Supervision by the site supervisor & HSE personnel. AC= Brief about safe usage of temporary working platform procedures to worker before start work. AC= Material to be in proper arrangement. AC= Ensure all access is clear from any obstruction	3	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	3	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
3	Works preparation 1. Erect the mobile scaffolding	Working at height while erecting mobile scaffold	Falling from high could lead bodily injury while erecting mobile scaffold	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using equipment and tools AC= Only trained workers to erect the scaffold AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground	2	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

		Improper manual handling while erecting mobile scaffold	Musculoskeletal injury refer to low back pain, arm and hand disorders effect by manual lifting	AC= Briefing to worker before start work (Pre-Start) AC= Supervision by the site supervisor & HSE personnel. AC= Brief about safe manual handling procedures to worker before start work. AC= Buddy system is to adopted for loads exceeding 20kg in weight AC= Material to be in proper arrangement. AC= Ensure all access is clear from any obstruction	2	1	NEG	EC= To use mechanical aids whenever possible such pallet jack and trolleys EC= Mechanical means shall be used for loads exceeding 40kg in weight	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Material falling from height	Material falling from high due to scattered materials or tools on the mobile scaffold could lead to major injury	AC= Ensure On Job training (OJT) is conducted prior to start work EC= All material/tools to be store in proper container/box AC= Pre start work briefing to workers on the precautions of using equipment and tools AC= Only trained workers to erect the scaffold AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place.	3	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	3	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

4	Installation of Cable Support System (Cable Ladder/ Cable Tray/ Cable Trunking) 1.0 Fabricate and modification of the Cable Support (ladder, trunking and tray) and accessories including measure, cut and bend.	Sharp edge on cable support	Worker potential to cause cut when contact with sharp object.	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work. AC= All workers shall be provided with proper PPE AC= Inspect visually PPE everyday	2	1	NEG	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Use of damage power tools	Worker potential to cause electrocuted	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= All workers shall be provided with proper PPE	3	1	MIN	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	3	1	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Rotating parts on the fiber-cutter	Worker potential to struck on rotating part.	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= Don't wear loose clothes or bracelet.	3	1	MIN	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	3	1	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				AC= Ensure rotating parts have guarding and protection. AC= All workers shall be provided with proper PPE								
		Cutting the cable support create sparks	Sparks potential to cause fire.	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= Ensure operation should be performed in a clear space properly cross-ventilated and preferably away from any combustible store. AC= Fire extinguisher suitable for Class B shall be provided at the operation area. AC= Ensure rotating parts have guarding and protection. AC= All workers shall be provided with proper PPE (wear apron leather to protect them from sparks and flame)	2	1	NEG	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry. AC= Cutting area should be cover by fire blanket to extinguish small fire	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Flying particle during cut cable support.	Worker potential to cause eye injury	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work	2	1	NEG	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO)

				AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= Ensure rotating parts have guarding and protection. AC= All workers shall be provided with proper PPE (Worker shall wear face shield/safety goggle to avoid flying particle)				supervisor to prevent unauthorised person / worker entry.				012-2940955 IZZAT (SSS) 011-2755 0745
		Hot steel surface on cable support or accessories after cutting	Worker potential to cause abrasion when touch the hot steel surface	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= Ensure rotating parts have guarding and protection. AC= All workers shall be provided with proper PPE (Worker shall wear face shield/safety goggle, Safety glove)	2	1	NEG	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
	Installation of Cable Support System (Cable Ladder/ Cable Tray/ Cable Trunking) 2.0 Install the Drop-In Anchor & Threaded Rod using MEWP (scissor lift), podium/platform	Operator / installer falling out from the scissor lift basket	Potential to cause major injury (broken leg, hand)	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using scissor lift and WAH AC= Only trained workers to erect the	4	2	MIN	EC= Provide additional attached working platform with railing EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955

	ladder and scaffolding.			scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers wear full body harness and hook on designated anchorage point. AC= Prohibited to stand, climb on platform basket.				unauthorised person / worker entry.				IZZAT (SSS) 011-2755 0745
		Operator / installer may trapped in between part of the basket and fixed during manoeuvring in confined overhead area.	Worker potential to cause serious injury	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using MEWP and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place.	4	2	MIN	Make a marking on the confined overhead area by using caution tape to alert the operator & installer from overhead hazard.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				AC= To be placed on solid and suitable ground AC= Ensure workers wear full body harness and hook on designated anchorage point. AC= Operator / installer shall be aware of their working environment at all times. AC= Always communicate between operator and installer. AC= Ensure worker wear safety helmet with a chin strap.								
		Falling tools, material or accessories.	Potential to hit people on ground and damage material	AC= Ensure On Job training (OJT) is conducted prior to start work EC= All material/tools to be store in proper container/box AC= Pre start work briefing to workers on the precautions of using equipment and tools inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= Operator / installer shall be aware of their working environment at all times. AC= Always communicate between operator and installer. AC= Ensure the scissor lift basket fully installed	2	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				with the netting to prevent tools and accessories falling over including on entrance.								
		Use of damage power tools	Worker potential to cause electrocuted	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= All workers shall be provided with proper PPE	3	1	MIN	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	3	1	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Flying dust particle during drilling the holes	Worker potential to cause eye injury and inhale the dust.	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= Ensure rotating parts have guarding and protection. AC= All workers shall be provided with proper PPE (Worker shall wear face shield/safety goggle to avoid flying particle)	2	1	NEG	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

		Use of hand tools and hammering drop-in anchor into the holes.	Worker potential to cause First aid injury, abrasion and hand injury	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the Safe use of hand tools AC= Supervision by the supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= Ensure workers wear full body harness and hook on designated anchorage point.	2	1	NEG	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Sharp edge on the threaded rod	Worker potential to cause cut when contact with sharp object.	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work. AC= All workers shall be provided with proper PPE AC= Inspect visually PPE everyday	2	1	NEG	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Scaffold not proper erection potential to topple.	Worker potential to cause fall from height and get fatal injury (broken leg, hand).	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using scissor lift and WAH AC= Only trained workers to erect the	4	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT

				scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers wear full body harness and hook on designated anchorage point.								(SSS) 011-2755 0745
		Worker stand on the step ladder during install Drop-In Anchor & Threaded Rod cause unstable and fall from height.	The result falling from height and cause major injury.	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using ladder and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers have buddy system	4	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

	Installation of Cable Support System (Cable Ladder/ Cable Tray/ Cable Trunking) 3.0 Install the Hanging Unistrut Bracket using MEWP (scissor lift), podium/platform ladder and scaffolding.	Operator / installer falling out from the scissor lift basket	Potential to cause major injury (broken leg, hand)	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using scissor lift and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers wear full body harness and hook on designated anchorage point. AC= Prohibited to stand, climb on platform basket.	4	2	MIN	EC= Provide additional attached working platform with railing EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Operator / installer may trapped in between part of the basket and fixed during manoeuvring in confined overhead area.	Worker potential to cause serious injury	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using MEWP and WAH AC= Only trained workers to erect the scaffold & operate the MEWP	4	2	MIN	Make a marking on the confined overhead area by using caution tape to alert the operator & installer from overhead hazard.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers wear full body harness and hook on designated anchorage point. AC= Operator / installer shall be aware of their working environment at all times. AC= Always communicate between operator and installer. AC= Ensure worker wear safety helmet with a chin strap.								
		Sharp edge on the threaded rod/bracket	Worker potential to cause cut when contact with sharp object.	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work. AC= All workers shall be provided with proper PPE AC= Inspect visually PPE everyday	2	1	NEG	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

		Falling tools, material or accessories.	Potential to hit people on ground and damage material	AC= Ensure On Job training (OJT) is conducted prior to start work EC= All material/tools to be store in proper container/box AC= Pre start work briefing to workers on the precautions of using equipment and tools inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC=Operator / installer shall be aware of their working environment at all times. AC= Always communicate between operator and installer. AC= Ensure the scissor lift basket fully installed with the netting to prevent tools and accessories falling over including on entrance.	2	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Use damaged cordless drill during tightening nut on the bracket	Potential to cause explode	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag.	3	1	MIN	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	3	1	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				AC= All workers shall be provided with proper PPE								
		Scaffold not proper erection potential to topple.	Worker potential to cause fall from height and get fatal injury (broken leg, hand).	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using scissor lift and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers wear full body harness and hook on designated anchorage point.	4	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Worker stand on the step ladder during install the Hanging Unistrut Bracket cause unstable and fall from height.	The result falling from height and cause major injury.	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using ladder and WAH AC= Only trained workers to erect the scaffold & operate the MEWP	4	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				AC= Supervision by the competent supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers have buddy system								
	Installation of Cable Support System (Cable Ladder/ Cable Tray/ Cable Trunking) 4.0 Install the Cable Support (ladder, trunking and tray) on Hanging Unistrut using MEWP (scissor lift), platform ladder and scaffolding.	Operator / installer falling out from the scissor lift basket	Potential to cause major injury (broken leg, hand)	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using scissor lift and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers wear full body harness and hook on designated anchorage point. AC= Prohibited to stand, climb on platform basket.	4	2	MIN	EC= Provide additional attached working platform with railing EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

		Operator / installer may trapped in between part of the basket and fixed during manoeuvring in confined overhead area.	Worker potential to cause serious injury	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using MEWP and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC=Ensure workers wear full body harness and hook on designated anchorage point. AC=Operator / installer shall be aware of their working environment at all times. AC= Always communicate between operator and installer. AC=Ensure worker wear safety helmet with a chin strap.	4	2	MIN	Make a marking on the confined overhead area by using caution tape to alert the operator & installer from overhead hazard.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
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		Falling tools, material or accessories.	Potential to hit people on ground and damage material	AC= Ensure On Job training (OJT) is conducted prior to start work EC= All material/tools to be store in proper container/box AC= Pre start work briefing to workers on the precautions of using equipment and tools inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC=Operator / installer shall be aware of their working environment at all times. AC= Always communicate between operator and installer. AC= Ensure the scissor lift basket fully installed with the netting to prevent tools and accessories falling over including on entrance.	2	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Sharp edge on the cable support	Worker potential to cause cut when contact with sharp object.	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work. AC= All workers shall be provided with proper PPE AC= Inspect visually PPE everyday	2	1	NEG	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

		Heavy/ overload cable support	Worker will get muscle strain and back injury for carrying heavy material.	AC= Briefing to worker before start work (Pre-Start) AC= Supervision by the site supervisor & HSE personnel. AC= Brief about safe manual handling procedures to worker before start work. AC= Buddy system is to adopted for loads exceeding 20kg in weight AC= Material to be in proper arrangement. AC= Ensure all access is clear from any obstruction	2	1	NEG	EC= To use mechanical aids whenever possible such pallet jack and trolleys EC= Mechanical means shall be used for loads exceeding 40kg in weight	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Long dimension of the cable support	Worker will hit any person due limited visual and worker will slip trip and fall.	AC= Briefing to worker before start work (Pre-Start) AC= Supervision by the site supervisor & HSE personnel. AC= Brief about safe manual handling procedures to worker before start work. AC= Buddy system is to adopted for loads exceeding 20kg in weight AC= Material to be in proper arrangement. AC= Ensure all access is clear from any obstruction	2	2	MIN	EC= To use mechanical aids whenever possible such pallet jack and trolleys EC= Mechanical means shall be used for loads exceeding 40kg in weight	2	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

		Falling object during transfer cable support from ground to the working platform	Potential to hit people on ground and damage material	AC= Ensure On Job training (OJT) is conducted prior to start work EC= All material/tools to be store in proper container/box AC= Pre start work briefing to workers on the precautions of using equipment and tools inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC=Operator / installer shall be aware of their working environment at all times. AC= Always communicate between operator and installer. AC= Ensure have buddy system AC= Ensure the scissor lift basket fully installed with the netting to prevent tools and accessories falling over including on entrance.	2	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Lifting long and width dimension of cable support (more and equal than 3m x 0.9m) on top of the scissor lift basket.	Potential to cable support slipping over and fall.	AC= Ensure On Job training (OJT) is conducted prior to start work EC= All material/tools to be store in proper container/box AC= Pre start work briefing to workers on the precautions of using equipment and tools	2	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT

				inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= Operator / installer shall be aware of their working environment at all times. AC= Always communicate between operator and installer. AC= Ensure have buddy system AC= Ensure the scissor lift basket fully installed with the netting to prevent tools and accessories falling over including on entrance.								(SSS) 011-2755 0745
		Scaffold not proper erection potential to topple.	Worker potential to cause fall from height and get fatal injury (broken leg, hand).	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using scissor lift and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place.	4	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				AC= To be placed on solid and suitable ground AC= Ensure workers wear full body harness and hook on designated anchorage point.								
		Worker stand on the step ladder during install Cable Support (ladder, trunking and tray) on Hanging Unistrut cause unstable and fall from height.	The result falling from height and cause major injury.	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using ladder and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers have buddy system	4	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
	Installation of Cable Support System (Cable Ladder/ Cable Tray/ Cable Trunking) 5.0 Install the Cable Support (ladder, trunking and tray) on top of electrical panel	Restricted area cause difficulty of worker access to work area	Worker potential to slip and fall	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using MEWP and WAH on top of electrical panel AC= Only trained workers to erect the scaffold & operate the MEWP	4	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC=Ensure workers wear full body harness and hook on designated anchorage point. AC=Operator / installer shall be aware of their working environment at all times. AC= Always communicate between operator and installer. AC=Ensure worker wear safety helmet with a chin strap. AC=Ensure Ladder shall be implemented by buddy system, one person hold the ladder. AC=Ensure Assign buddy system to hold the podium/platform ladder. AC=Ensure Ladders shall be primarily used as an access, it should not be considered as a first choice when selecting a means of working at heights. A more suitable work platform shall be considered and used wherever possible and practical.							
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		Insecure working platform without railing and designated anchorage point	Worker potential to fall from height	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using MEWP and WAH on top of electrical panel AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= Ensure workers wear full body harness and hook on firm area. AC= Ensure Worker shall maintain 100% tie off. AC= Operator / installer shall be aware of their working environment at all times. AC= Always communicate between operator and installer. AC= Ensure worker wear safety helmet with a chin strap.	4	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
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	Installation of Cable Support System (Cable Ladder/ Cable Tray/ Cable Trunking) 6.0 Install the Cable Support (ladder, trunking and tray) on the floor opening.	Working area without secured opening floor protection.	Worker potential to cause fall from height and get fatal injury (broken leg, hand).	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using MEWP and WAH on opening area AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= Ensure workers wear full body harness and hook on firm area. AC= Ensure Worker shall maintain 100% tie off. AC= Operator / installer shall be aware of their working environment at all times. AC= Always communicate between operator and installer. AC= Ensure worker wear safety helmet with a chin strap. AC= Ensure full exclusion zone	4	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
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			Potential to falling object and cause minor injury.	AC= Ensure On Job training (OJT) is conducted prior to start work EC= All material/tools to be store in proper container/box AC= Pre start work briefing to workers on the precautions of using equipment and tools AC= Only trained workers to erect the scaffold AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place.	3	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	3	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
5	Conduit Installation 1.0 Installation suspended conduit by install spring nut and threaded rod using MEWP (scissor lift), podium/platform ladder and scaffolding.	Operator / installer falling out from the scissor lift basket	Potential to cause major injury (broken leg, hand)	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using scissor lift and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place.	4	2	MIN	EC= Provide additional attached working platform with railing EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				AC= To be placed on solid and suitable ground AC= Ensure workers wear full body harness and hook on designated anchorage point. AC= Prohibited to stand, climb on platform basket.								
		Operator / installer may trapped in between part of the basket and fixed during manoeuvring in confined overhead area.	Worker potential to cause serious injury	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using MEWP and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers wear full body harness and hook on designated anchorage point. AC= Operator / installer shall be aware of their working environment at all times. AC= Always communicate between operator and installer.	4	2	MIN	Make a marking on the confined overhead area by using caution tape to alert the operator & installer from overhead hazard.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				AC=Ensure worker wear safety helmet with a chin strap.								
		Scaffold not proper erection potential to topple.	Worker potential to cause fall from height and get fatal injury (broken leg, hand).	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using scissor lift and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers wear full body harness and hook on designated anchorage point.	4	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Worker stand on the step ladder during install Cable Support (ladder, trunking and tray) on Hanging Unistrut cause unstable and fall from height.	The result falling from height and cause major injury.	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using ladder and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent supervisor.	4	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers have buddy system								
		Sharp edge on the threaded rod	Worker potential to cause cut when contact with sharp object.	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work. AC= All workers shall be provided with proper PPE AC= Inspect visually PPE everyday	2	1	NEG	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Flying particle during fabricate and modify the material using saw	Worker potential to cause eye injury	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= Ensure rotating parts have guarding and protection. AC= All workers shall be provided with proper PPE (Worker shall wear face shield/safety	2	1	NEG	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				goggle to avoid flying particle)								
		Sharp edge on the saw blade	Worker potential to cause cut when contact with saw blade.	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= Don't wear loose clothes or bracelet. AC= Ensure rotating parts have guarding and protection. AC= All workers shall be provided with proper PPE	3	1	MIN	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	3	1	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Use of damage power tools	Worker potential to cause electrocuted	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= All workers shall be provided with proper PPE	3	1	MIN	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.				TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Rotating parts on the fiber-cutter	Worker potential to struck on rotating part.	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work	3	1	MIN	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by				TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP)

				AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= Don't wear loose clothes or bracelet. AC= Ensure rotating parts have guarding and protection. AC= All workers shall be provided with proper PPE				supervisor to prevent unauthorised person / worker entry.				013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Grind the threaded rod can cause flying particle	Worker potential to cause eye injury	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= Ensure rotating parts have guarding and protection. AC= All workers shall be provided with proper PPE (Worker shall wear face shield/safety goggle to avoid flying particle)	2	1	NEG	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Hot steel surface on threaded rod or accessories after cutting	Worker potential to cause abrasion when touch the hot steel surface	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use.	2	1	NEG	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955

				AC= Inspect the power tools monthly with colour code tag. AC= Ensure rotating parts have guarding and protection. AC= All workers shall be provided with proper PPE (Worker shall wear face shield/safety goggle, Safety glove)								IZZAT (SSS) 011-2755 0745
		Using oil to put on the conduit for bending and threading	Potential to spill and pollute to environment	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using chemical AC= Supervision by the competent supervisor. AC= All chemical secure with a proper tray. AC= Ensure workers have buddy system	1	1	NEG	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.				TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
	Conduit Installation 2.0 Installation of surface run conduit from soffit slab to wall and column using MEWP (scissor lift), platform ladder and scaffolding.	Operator / installer falling out from the scissor lift basket	Potential to cause major injury (broken leg, hand)	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using scissor lift and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard.	4	2	MIN	EC= Provide additional attached working platform with railing EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers wear full body harness and hook on designated anchorage point. AC= Prohibited to stand, climb on platform basket.								
		Operator / installer may trapped in between part of the basket and fixed during manoeuvring in confined overhead area.	Worker potential to cause serious injury	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using MEWP and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers wear full body harness and hook on designated anchorage point. AC= Operator / installer shall be aware of their working environment at all times.	4	2	MIN	Make a marking on the confined overhead area by using caution tape to alert the operator & installer from overhead hazard.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				AC= Always communicate between operator and installer. AC= Ensure worker wear safety helmet with a chin strap.								
		Scaffold not proper erection potential to topple.	Worker potential to cause fall from height and get fatal injury (broken leg, hand).	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using scissor lift and WAH AC= Only trained workers to erect the scaffold & operate the MEWP AC= Supervision by the competent scaffold inspector and supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers wear full body harness and hook on designated anchorage point.	4	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Worker stand on the step ladder during install Cable Support (ladder, trunking and tray) on Hanging Unistrut cause unstable and fall from height.	The result falling from height and cause major injury.	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using ladder and WAH AC= Only trained workers to erect the	4	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT

				scaffold & operate the MEWP AC= Supervision by the competent supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers have buddy system								(SSS) 011-2755 0745
		Sharp edge on the threaded rod	Worker potential to cause cut when contact with sharp object.	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work. AC= All workers shall be provided with proper PPE AC= Inspect visually PPE everyday	2	1	NEG	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Flying particle during fabricate and modify the material using saw	Worker potential to cause eye injury	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= Ensure rotating parts have guarding and protection.	2	1	NEG	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

				AC= All workers shall be provided with proper PPE (Worker shall wear face shield/safety goggle to avoid flying particle)								
		Sharp edge on the saw blade	Worker potential to cause cut when contact with saw blade.	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= Don't wear loose clothes or bracelet. AC= Ensure rotating parts have guarding and protection. AC= All workers shall be provided with proper PPE	3	1	MIN	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	3	1	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Use of damage power tools	Worker potential to cause electrocuted	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= All workers shall be provided with proper PPE	3	1	MIN	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	3	1	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

		Rotating parts on the fiber-cutter	Worker potential to struck on rotating part.	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= Don't wear loose clothes or bracelet. AC= Ensure rotating parts have guarding and protection. AC= All workers shall be provided with proper PPE	3	1	MIN	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	3	1	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Grind the threaded rod can cause flying particle	Worker potential to cause eye injury	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= Ensure rotating parts have guarding and protection. AC= All workers shall be provided with proper PPE (Worker shall wear face shield/safety goggle to avoid flying particle)	2	1	NEG	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745

		Hot steel surface on threaded rod or accessories after cutting	Worker potential to cause abrasion when touch the hot steel surface	AC= Briefing to worker before start work (Pre-Start). AC= Ensure on Job training (OJT) is conducted prior to start work AC= Must check condition power tools before use. AC= Inspect the power tools monthly with colour code tag. AC= Ensure rotating parts have guarding and protection. AC= All workers shall be provided with proper PPE (Worker shall wear face shield/safety goggle, Safety glove)	2	1	NEG	EC= To provide correct drill bit/grinding wheel matching with the machine specification. EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
		Using oil to put on the conduit for bending and threading	Potential to spill and pollute to environment	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using chemical AC= Supervision by the competent supervisor. AC= All chemical secure with a proper tray. AC= Ensure workers have buddy system	1	1	NEG	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.				TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
	Conduit Installation 3.0 Installation suspended conduit by install spring nut and threaded rod & surface run conduit from soffit slab to wall and column at	Working at height when using vertical sliding ladder	Falling from height could lead to bodily injury and fatality	AC= Ensure On Job training (OJT) is conducted prior to start work AC= Pre start work briefing to workers on the precautions of using ladder and WAH AC= Only trained workers to erect the	4	2	MIN	EC= Exclusion zone will provide with safety signage to prevent and control by supervisor to prevent unauthorised person / worker entry.	4	2	MIN	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955

	limited space area using vertical slide ladder			scaffold & operate the MEWP AC= Supervision by the competent supervisor. AC= All hand tools secure with a proper manufactured lanyard. AC= No activities in different level in same place. AC= To be placed on solid and suitable ground AC= Ensure workers have buddy system								IZZAT (SSS) 011-2755 0745
		Awkward posture due to repetitive movement while installing cable	Musculoskeletal injury refer to low back pain effect by manual handling	AC= Briefing to worker before start work (Pre-Start) AC= Supervision by the site supervisor & HSE personnel. AC= Brief about safe manual handling procedures to worker before start work. AC= Buddy system is to adopted for loads exceeding 20kg in weight AC= Material to be in proper arrangement. AC= Ensure all access is clear from any obstruction	2	1	NEG	EC= To use mechanical aids whenever possible such pallet jack and trolleys EC= Mechanical means shall be used for loads exceeding 40kg in weight	2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT (SSS) 011-2755 0745
6.	4. Housekeeping	Poor material arrangement at work area	Having slippery, uneven or unstable floors can cause slip and trip and lead to musculoskeletal injury refer to low back pain, neck and arm disorders.	AC = Pre task talk prior start work AC = Material to be store separately AC= Access and egress should be clear all the time AC= Lighting to be sufficient at work area and access	2	1	NEG		2	1	NEG	TAN SWEE KIM (PM) 019-266 3148 HANIFUDDIN (EG) 013-234 0601 SABARUDIN (SUP) 013-947 1760 AZRI (SHO) 012-2940955 IZZAT

				AC = All unused material and rubbish should be disposed properly							(SSS) 011-2755 0745
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D SAFE WORK PROCEDURES (to be completed by Contractor / Service Provider)

Section 1: Safe Work Procedures

Job Steps (Copy from B – Section 4)	Job Step breakdown (Copy from B – Section 4)	Safe Work Procedures WHO – WHAT – HOW - WHEN (include images / sketches if required for further clarity)	Permits Required	Additional Equipment / PPE	Hold Point Responsible
1. Pre-start work	1.1 Set up exclusion zone (manual handling)	1-Pre task talk to be conduct prior start work 2-General workers will setup the safety barrier for exclusion zone monitor by site supervisor / site safety supervisor as per plan to avoid any unauthorised person to enter the work area 3-Handle with safe manual handling : - - Staff are not to lift more than 25 kg. - Use buddy system to reduce any repetitive movements. - If an object is too heavy, do not lift it. - Whenever possible, use forklift or pallet jack to transport heavy objects. - Use appropriate protective equipment such as heavy duty gloves. - Ensure you have a clear area in which to work.	N/A	N/A	PM CM PE SHO SSS SS
2. Mobilization of tools, equipment's & materials with truck	1.0 Use provided working platform when loading and unloading materials and machinery from the lorry / trailer manually. (manual handing & forklift)	1-Ensure working platform provided is secure and stable. 2- Banks man will control the traffic movement 3- General workers will mobilised material & equipment from the lorry / trailer monitor by site supervisor / site safety supervisor 4- Handle with safe manual handling : - - Staff are not to lift more than 25 kg. - Use buddy system to reduce any repetitive movements. - If an object is too heavy, do not lift it. - Whenever possible, use forklift or pallet jack to transport heavy objects. - Use appropriate protective equipment such as heavy duty gloves. - Ensure you have a clear area in which to work.	N/A	N/A	PM CM PE SHO SSS SS
3. Work preparation	1.0 Erect the mobile scaffolding and (inspect by competent person)	1. Ensure On Job training (OJT) for WAH 2. Briefing to worker before start work (Pre-Start). 3. Only trained workers must perform the activity. 4. Ensure all access is clear from any obstruction 5. Supervision by the site supervisor / foreman / Scaffolder. 6. Provide proper hand gloves, proper mask, safety goggles	WAH	Heavy Duty Glove	PM CM PE SHO SSS SS

		- Set up exclusion zone. - Erected scaffolding with competent person. Authorized only can erect scaffolding. - Scaffolding inspector must fulfil all local legislative requirements from DOSH. - Tagging need to be displayed. - All personnel must wear full-body harnesses attached to secure points. - Full Body Harness with 100% tied off at guard rail while perform working at height. - Body Harness be inspected daily. - Lanyard for the tools. - To Implement buddy system			
4. Installation of cable support Cable Support System (Cable Ladder / Cable Tray / Cable Trunking)	1.0 Fabricate and modification of the Cable Support (ladder, trunking and tray) and accessories including measure, cut and bend.	- Ensure On Job training (OJT) for Hot Work - Briefing to worker before start work (Pre-Start). - Only trained workers must perform the activity. - Ensure all access is clear from any obstruction - Supervision by the site supervisor / foreman. - Provide proper hand gloves, proper mask, safety goggles - Set up exclusion zone. - Make sure power tools has been inspect - Hot work equipment need to be prepared before perform the activity (Fire extinguisher/Fire Blanket/Face Sheild/Fire Rated Apron) - To Implement buddy system	WAH/HW	Heavy Duty Glove	PM CM PE SHO SSS SS
	2.0 Install the Drop-In Anchor & Threaded Rod using MEWP (scissor lift), podium/platform ladder and scaffolding.	- Ensure On Job training (OJT) for MEWP & WAH - Briefing to worker before start work (Pre-Start). - Only trained workers must perform the activity. - Ensure all access is clear from any obstruction - Supervision by the site supervisor / foreman. - Provide proper hand gloves, proper mask, safety goggles - Ensure Platform/Podium/Vertical Slide Ladder is of approved Industrial standard and free from damage, cracks, missing rungs - Ensure Platform/Podium/Vertical Ladder must be inspect with tagging displayed. - Have checklist on the inspected machinery (Scissor Lift) - Inspection tagging need to be display at the machinery. (Scissor Lift)	WAH	Heavy Duty Glove	PM CM PE SHO SSS SS

		11. Banks man to lead and ensure working area clear before moving scissor lift to other area for installation work. 12. Set up exclusion zone. 13. Erected scaffolding with competent person. Authorized only can erect scaffolding. 14. Scaffolding inspector must fulfil all local legislative requirements from DOSH. 15. Tagging need to be displayed. 16. All personnel must wear full-body harnesses attached to secure points. 17. Full Body Harness with 100% tied off at guard rail while perform working at height. 18. Body Harness be inspected daily. 19. Lanyard for the tools. 20. Workers must maintain three points of contact while ascending or descending the ladder. 21. To Implement buddy system			
	3.0 Install the Hanging Unistrut Bracket using MEWP (scissor lift), podium/platform ladder and scaffolding	1. Ensure On Job training (OJT) for MEWP & WAH 2. Briefing to worker before start work (Pre-Start). 3. Only trained workers must perform the activity. 4. Ensure all access is clear from any obstruction 5. Supervision by the site supervisor / foreman. 6. Provide proper hand gloves, proper mask, safety goggles 7. Ensure Platform/Podium/Vertical Slide Ladder is of approved Industrial standard and free from damage, cracks, missing rungs 8. Ensure Platform/Podium/Vertical Ladder must be inspect with tagging displayed. 9. Have checklist on the inspected machinery (Scissor Lift) 10. Inspection tagging need to be display at the machinery. (Scissor Lift) 11. Banks man to lead and ensure working area clear before moving scissor lift to other area for installation work. 12. Set up exclusion zone. 13. Erected scaffolding with competent person. Authorized only can erect scaffolding. 14. Scaffolding inspector must fulfil all local legislative requirements from DOSH. 15. Tagging need to be displayed. 16. All personnel must wear full-body harnesses attached to secure points.	WAH	Heavy Duty Glove	PM CM PE SHO SSS SS

		17. Full Body Harness with 100% tied off at guard rail while perform working at height. 18. Body Harness be inspected daily. 19. Lanyard for the tools. 20. Workers must maintain three points of contact while ascending or descending the ladder. 21. To Implement buddy system			
	4.0 Install the Cable Support (ladder, trunking and tray) on Hanging Unistrut using MEWP (scissor lift), podium/platform ladder and scaffolding.	1. Ensure On Job training (OJT) for MEWP & WAH 2. Briefing to worker before start work (Pre-Start). 3. Only trained workers must perform the activity. 4. Ensure all access is clear from any obstruction 5. Supervision by the site supervisor / foreman. 6. Provide proper hand gloves, proper mask, safety goggles 7. Ensure Platform/Podium/Vertical Slide Ladder is of approved Industrial standard and free from damage, cracks, missing rungs 8. Ensure Platform/Podium/Vertical Ladder must be inspect with tagging displayed. 9. Have checklist on the inspected machinery (Scissor Lift) 10. Inspection tagging need to be display at the machinery. (Scissor Lift) 11. Banks man to lead and ensure working area clear before moving scissor lift to other area for installation work. 12. Set up exclusion zone. 13. Erected scaffolding with competent person. Authorized only can erect scaffolding. 14. Scaffolding inspector must fulfil all local legislative requirements from DOSH. 15. Tagging need to be displayed. 16. All personnel must wear full-body harnesses attached to secure points. 17. Full Body Harness with 100% tied off at guard rail while perform working at height. 18. Body Harness be inspected daily. 19. Lanyard for the tools. 20. Workers must maintain three points of contact while ascending or descending the ladder.	WAH	Heavy Duty Glove	PM CM PE SHO SSS SS

		21. To Implement buddy system			
	5.0 Install the Cable Support (ladder, trunking and tray) on top of electrical panel	1. Ensure On Job training (OJT) for MEWP & WAH / Electrical precaution 2. Briefing to worker before start work (Pre-Start). 3. Only trained workers must perform the activity. 4. Ensure all access is clear from any obstruction 5. Supervision by the site supervisor / foreman. 6. Provide proper hand gloves, proper mask, safety goggles 7. Ensure Platform/Podium/Vertical Slide Ladder is of approved Industrial standard and free from damage, cracks, missing rungs 8. Ensure Platform/Podium/Vertical Ladder must be inspect with tagging displayed. 9. Have checklist on the inspected machinery (Scissor Lift) 10. Inspection tagging need to be display at the machinery. (Scissor Lift) 11. Banks man to lead and ensure working area clear before moving scissor lift to other area for installation work. 12. Set up exclusion zone. 13. Erected scaffolding with competent person. Authorized only can erect scaffolding. 14. Scaffolding inspector must fulfil all local legislative requirements from DOSH. 15. Tagging need to be displayed. 16. All personnel must wear full-body harnesses attached to secure points. 17. Full Body Harness with 100% tied off at guard rail while perform working at height. 18. Body Harness be inspected daily. 19. Lanyard for the tools. 20. Workers must maintain three points of contact while ascending or descending the ladder. 21. To Implement buddy system	WAH & Special permit for electrical if required	Heavy Duty Glove	PM CM PE SHO SSS SS
	6.0 Install the Cable Support (ladder, trunking and tray) on the floor opening.	1. Ensure On Job training (OJT) for MEWP & WAH 2. Briefing to worker before start work (Pre-Start). 3. Only trained workers must perform the activity. 4. Ensure all access is clear from any obstruction 5. Supervision by the site supervisor / foreman. 6. Provide proper hand gloves, proper mask, safety goggles	WAH & Special permit for floor opening if required	Heavy Duty Glove	PM CM PE SHO SSS SS

		7. Ensure Platform/Podium/Vertical Slide Ladder is of approved Industrial standard and free from damage, cracks, missing rungs 8. Ensure Platform/Podium/Vertical Ladder must be inspected with tagging displayed. 9. Have checklist on the inspected machinery (Scissor Lift) 10. Inspection tagging need to be display at the machinery. (Scissor Lift) 11. Banks man to lead and ensure working area clear before moving scissor lift to other area for installation work. 12. Set up exclusion zone. 13. Erected scaffolding with competent person. Authorized only can erect scaffolding. 14. Scaffolding inspector must fulfil all local legislative requirements from DOSH. 15. Tagging need to be displayed. 16. All personnel must wear full-body harnesses attached to secure points. 17. Full Body Harness with 100% tied off at guard rail while perform working at height. 18. Body Harness be inspected daily. 19. Lanyard for the tools. 20. Workers must maintain three points of contact while ascending or descending the ladder. 21. To Implement buddy system			
5. Conduit Installation	1.0 Installation suspended conduit by install spring nut and threaded rod using MEWP (scissor lift), podium/platform ladder and scaffolding.	1. Ensure On Job training (OJT) for MEWP & WAH 2. Briefing to worker before start work (Pre-Start). 3. Only trained workers must perform the activity. 4. Ensure all access is clear from any obstruction 5. Supervision by the site supervisor / foreman. 6. Provide proper hand gloves, proper mask, safety goggles 7. Ensure Platform/Podium/Vertical Slide Ladder is of approved Industrial standard and free from damage, cracks, missing rungs 8. Ensure Platform/Podium/Vertical Ladder must be inspect with tagging displayed. 9. Have checklist on the inspected machinery (Scissor Lift) 10. Inspection tagging need to be display at the machinery. (Scissor Lift)	WAH	Heavy Duty Glove	PM CM PE SHO SSS SS

		11. Banks man to lead and ensure working area clear before moving scissor lift to other area for installation work. 12. Set up exclusion zone. 13. Erected scaffolding with competent person. Authorized only can erect scaffolding. 14. Scaffolding inspector must fulfil all local legislative requirements from DOSH. 15. Tagging need to be displayed. 16. All personnel must wear full-body harnesses attached to secure points. 17. Full Body Harness with 100% tied off at guard rail while perform working at height. 18. Body Harness be inspected daily. 19. Lanyard for the tools. 20. Workers must maintain three points of contact while ascending or descending the ladder. 21. To Implement buddy system			
	2.0 Installation of surface run conduit from soffit slab to wall and column using MEWP (scissor lift), podium/platform ladder and scaffolding	1. Ensure On Job training (OJT) for MEWP & WAH 2. Briefing to worker before start work (Pre-Start). 3. Only trained workers must perform the activity. 4. Ensure all access is clear from any obstruction 5. Supervision by the site supervisor / foreman. 6. Provide proper hand gloves, proper mask, safety goggles 7. Ensure Platform/Podium/Vertical Slide Ladder is of approved Industrial standard and free from damage, cracks, missing rungs 8. Ensure Platform/Podium/Vertical Ladder must be inspect with tagging displayed. 9. Have checklist on the inspected machinery (Scissor Lift) 10. Inspection tagging need to be display at the machinery. (Scissor Lift) 11. Banks man to lead and ensure working area clear before moving scissor lift to other area for installation work. 12. Set up exclusion zone. 13. Erected scaffolding with competent person. Authorized only can erect scaffolding. 14. Scaffolding inspector must fulfil all local legislative requirements from DOSH. 15. Tagging need to be displayed. 16. All personnel must wear full-body harnesses attached to secure points.	WAH	Heavy Duty Glove	PM CM PE SHO SSS SS

		17. Full Body Harness with 100% tied off at guard rail while perform working at height. 18. Body Harness be inspected daily. 19. Lanyard for the tools. 20. Workers must maintain three points of contact while ascending or descending the ladder. 21. To Implement buddy system			
	3.0 Installation suspended conduit by install spring nut and threaded rod & surface run conduit from soffit slab to wall and column at limited space using vertical slide ladder	1. Ensure On Job training (OJT) for MEWP & WAH 2. Briefing to worker before start work (Pre-Start). 3. Only trained workers must perform the activity. 4. Ensure all access is clear from any obstruction 5. Supervision by the site supervisor / foreman. 6. Provide proper hand gloves, proper mask, safety goggles 7. Ensure Platform/Podium/Vertical Slide Ladder is of approved Industrial standard and free from damage, cracks, missing rungs 8. Ensure Platform/Podium/Vertical Ladder must be inspect with tagging displayed. 9. Have checklist on the inspected machinery (Scissor Lift) 10. Inspection tagging need to be display at the machinery. (Scissor Lift) 11. Banks man to lead and ensure working area clear before moving scissor lift to other area for installation work. 12. Set up exclusion zone. 13. Erected scaffolding with competent person. Authorized only can erect scaffolding. 14. Scaffolding inspector must fulfil all local legislative requirements from DOSH. 15. Tagging need to be displayed. 16. All personnel must wear full-body harnesses attached to secure points. 17. Full Body Harness with 100% tied off at guard rail while perform working at height. 18. Body Harness be inspected daily. 19. Lanyard for the tools. 20. Workers must maintain three points of contact while ascending or descending the ladder. 21. To Implement buddy system	WAH	Heavy Duty Glove	PM CM PE SHO SSS SS

6. Housekeeping and material arrangement	1.0 All material must be arrange in good order at designated area	1. Housekeeping and material arrangement to be carried out before & after completion of each work 2. Implement buddy system to hold and carry the materials. 3. Buddy system is to adopted for loads exceeding 20kg in weight. 4. Mechanical means shall be used for loads exceeding 40kg in weight 5. All unused material and rubbish need to dispose in provided waste bin. 6. All material and tools should keep at store after completion of each work. 7. Provide N95 mask to prevent dust	N/A	N/A	PM CM PE SHO SSS SS
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Section 2: Instruction & Communication

This Safe Work Method Statement has been instructed and communicated through induction and consultation, read and understood, and signed by all employees undertaking the works.

Name		Designation	Signature	Date	Name		Designation	Signature	Date
1)					21)				
2)					22)				
3)					23)				
4)					24)				
5)					25)				
6)					26)				
7)					27)				
8)					28)				
9)					29)				
10)					30)				
11)					31)				
12)					32)				
13)					33)				
14)					34)				
15)					35)				
16)					36)				
17)					37)				
18)					38)				
19)					39)				
20)					40)				

Remarks / Comments (e.g. detail of any feedback or comments received from the crew during this session)

Section 3: Verification

I have provided, accurate and sufficient information and instructions to the work crew pertaining to this Safe Work Method Statement - the aspects / hazards associated with each work process and activity, the type of potential impact, incident or accident, and the risk controls / practicable measures to be taken in the course of work and during an emergency - to ensure their safe undertaking of the work.

Instructed by (print name): Signed: Date:/...../..... Time: am / pm

NOTE:

[illegible]

1. SAMPLE POWER TOOLS



Figure 1: Torque Gun Machine



Figure 2: Hand drill

< Metal cut-off saws



GCO 230 PROFESSIONAL

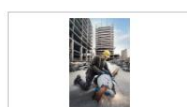
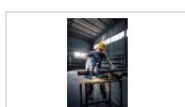
METAL CUT-OFF SAW

Cuts steel faster and smoother

- Cuts faster and smoother with improved 2,300 W motor
- Keeps you safe with adjustable spark guard
- Achieve extreme overload performance thanks to the higher load endurance capacity
- Enhanced protection with adjustable spark guard

✓ View more

Functions & key features



2. SAMPLE DRAWING SCAFFOLD

3.SAMPLE LADDER