

Company Logo	Project Name	Document	Risk Assessment
		Ref: No	
		Rev.	00

Project					
Employer				Contract No.	
Consultant:				Date:	
Contractor				Document No.	
RISKASSESSMENT TEAM:			SITE REPRESENTATIVES		
NAME	DESIGNATION	SIGNATURE	NAME	DESIGNATION	SIGNATURE
	Project Manager			Project Engineer	
	OSH Coordinator			Q.A./Q.C. Engineer	
Subject	This Risk Assessment is prepared in line with the METHOD STATEMENT FOR Execution of Interlock Precast Concrete Paver Activities Rev. 00; and it covers all activities described in this Method Statement.				

Risk Rating Matrix						
PROBABILTY		SEVERITY				
		Insignificant (1)	Minor (2)	Moderate (3)	Major (4)	Catastrophic (5)
Rare (1)		1	2	3	4	5
Possible (2)		2	4	6	8	10
Likely (3)		3	6	9	12	15
Often (4)		4	8	12	16	20
Frequent/Almost Certain (5)		5	10	15	20	25
15 to 25	Extreme Risk	Absolutely Unacceptably High Activity should not proceed in current form				
8 to 12	High Risk	Unacceptably High Activity should be modified to include remedial planning and action and be subject to detailed HSE assessment				
4 to 6	Moderate Risk	Acceptable but must be managed at ALARP Activity can operate subject to management and / or modification				
1 to 3	Low Risk	Acceptable without required further action No action required unless escalation of risk is possible				
Hierarchy of Control (Controls identified may be a mixture of the hierarchy in order to provide minimum operator exposure)						
Elimination	Eliminate the hazard.					
Substitution	Provide an alternative that is capable of performing the same task and is safer use.					
Engineering control	Provide or construct a physical barrier or guard.					
Administrative Control	Develop policies, procedures practices and guidelines, in consultation with employees, to mitigate the risk, provide training, instruction and supervision about the hazard.					
Personal Protective Equipment	personal equipment designed to protect the individual from the hazard.					

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				P	S	R	RL			P	S	R	RL	

1	Mobilization of Employees	Unfamiliar with the local situation and the Safety rules Unfamiliar to the nature of work and weather condition Lack of training Younger workers Medically not fit	Employees	3	2	6	M	<ul style="list-style-type: none"> ➤ Site OSH induction course for every worker working in this project. ➤ Bus should be park at safe area with double indicators and gate should not open until bust fully stop. ➤ Worker should not cross the road until bus is move from road to clear sight for upcoming traffic. ➤ Proper training and guidance for all new workers ➤ Minimum PPE must be worn at all times ➤ Follow site safety rules ➤ Follow the traffic safety regulations ➤ Medical Check up to be done ➤ Special care for young people and should not be involved in high risky work 	Project manager, OSH In charge, Supervisor & Individuals	1	2	2	L	OSHAD-SF– Codes of Practice CoP 44.0 Traffic Management and Logistics – Version 3.0 OSHAD-SF – Codes of Practice CoP 08.0 – General Workplace Amenities – Version 3.0
2	Secure Site	Vehicles / equipment's movement Public safety Personal injury / fatality	Drivers, Operators, Traffic Wardens and Employees	4	3	12	H	<ul style="list-style-type: none"> ➤ Driver & operators should possess valid UAE driver's license. ➤ Provide proper barricading with appropriate warning signs ➤ Deploy traffic wardens if required. ➤ Provide proper PPE like gloves if 	Project manager, Project Engineer, OSH In charge,	1	3	3	L	OSHAD-SF–COP 1.0 – Hazardous Materials - V 3.0 OSHAD-SF–COP 2.0 – Personal Protective Equipment - V 3.0 OSHAD-SF – COP 4.0 – First Aid and Medical

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		Vehicle collision Damage to property Mechanical handling Inadequate Access egress Loaded items on vehicles Vehicles collision Slips, trips and falls, abrasions, strains and sprains; manual handling injuries such as back damage Poor visibility Untrained and inexperienced drivers& plant operator					<ul style="list-style-type: none"> ➤ manual handling. ➤ PTW to be obtained to start the activity ➤ Check access egress prior to start manual handling remove all obstruction and mark the access for manual handling. ➤ Housekeeping should be maintained to avoid trip hazards Keep area clean & clear of obstacles. ➤ No equipment shall move without banks man ➤ Conduct site inspection to ensure access/egress is adequate for the task activities. ➤ All the equipment and operators should have valid third-party documents. ➤ Stop all vehicle movement if the visibility is less than 100 meters ➤ Don't use mobile phone whilst working. ➤ Toolbox talk to be conducted prior to start the activity ➤ Welfare facilities to be provide. ➤ First aid box with first aider shall be providing. 	Supervisor & Individuals				Emergency Treatment - V 3.0 OSHAD-SF –COP 08.0 – General Workplace Amenities – V 3.0 OSHAD-SF –COP 14.0 – Manual Handling and Ergonomics – V 3.0 OSHAD-SF – COP 17.0 – Safety Signage and Signals – V 3.0 OSHAD-SF- COP 22.0 – Barricading of Hazards – V 3.0 OSHAD-SF –COP 36.0 – Plant and Equipment – V 3.0 OSHAD-SF–COP 44.0 Traffic Management and Logistics – V 3.0 OSHAD-Sf- Element 2 - Risk Management OSHAD-SF – Element 3 – Management of Contractors OSHAD SF- Element- 5 – Training & awareness and competency
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							H	<ul style="list-style-type: none"> ➤ Emergency Response Procedure shall be following. ➤ In case of emergency contact responsible person. ➤ Emergency stand by vehicle shall be available at site. 					L	OSHAD-SF-Element 6 - Emergency Management Musanada Key HSE Requirements
3	Material Delivery to Site	<ul style="list-style-type: none"> • Falling of materials. • Slips, Trips & Fall. • Toppling over of delivery vehicle. • Unsafe storage of materials. • Unsafe unloading of materials during night time delivery. 	Workers, drivers, flagman, public.	3	4	12	H	<ul style="list-style-type: none"> • Ensure that all vehicle and drivers of companies or suppliers are informed about the project safety requirements prior to the delivery of the materials. • Ensure that the road access from site entrance to storage area will be properly leveled, maintained & compacted. • Ensure that all drivers and vehicle comply with the safety requirements. • Ensure that the drivers have adequate PPE. • Ensure that they are guided by trained banksman towards the safe storage zone. • Ensure that SID provides a safe and clear vehicle access for the deliveries. • Ensure that there is adequate lighting is provided if the delivery is done at night. 	Company Name	1	4	4	L	OSHAD-SF-COP 2.0 - Personal Protective Equipment - V 3.0 OSHAD-SF - COP 4.0 First Aid and Medical Emergency Treatment - V 3.0 OSHAD-SF -COP 08.0-General Workplace Amenities - V 3.0 OSHAD-SF -COP 14.0-Manual Handling and Ergonomics - V 3.0 OSHAD-SF - COP 17.0 - Safety Signage and Signals - V 3.0 OSHAD-SF- COP 22.0

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							H	<ul style="list-style-type: none"> • Ensure that the access ways are demarked with cones and warning tape to prevent them from going too close to the edges of the access ways. • No unauthorized personnel to enter the storage area while the material is being unloaded. • Ensure that there is a certified First Aider and adequate first aid facility available on site. 					L	<ul style="list-style-type: none"> - Barricading of Hazards - V 3.0 OSHAD-SF -COP 36.0 -Plant and Equipment - V 3.0 OSHAD-SF-COP 44.0 Traffic Management and Logistics - V 3.0 OSHAD-SF- Element 2-Risk Management OSHAD-SF - Element 3 - Management of Contractors OSHAD SF- Elements - Training & awareness and competency OSHAD-SF-Element 6 - Emergency Management Musanada Key HSE Requirements
4	Use of Hand Tools	<ul style="list-style-type: none"> • Striking hand or arms when using paver cutting machine. • Struck by flying 	Workers, personnel working nearby.	3	3	9	H	<ul style="list-style-type: none"> • Proper body position and safety glass with side shields. • Training to be provided to the workers prior to the start of the works. 	Company Name	1	3	3	L	<ul style="list-style-type: none"> OSHAD-SF -COP 08.0 - General Workplace Amenities - V 3.0 OSHAD-SF -COP 14.0 - Manual Handling and

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		<p>object metals chips etc.</p> <ul style="list-style-type: none"> • Eye injuries • Laceration when using sharp tools. • Defective tools. 						<ul style="list-style-type: none"> • Tool to be suitable for the purpose intended and maintained in good working order. Tools to be inspected regularly in accordance with manufacturer's instructions. • Hand gloves, glasses should be used when using hand tools. • All operatives to be given instructions in the safe use of hand tools as part of their skill training. Tools which may deteriorate are to be checked on a regular basis and maintained or replaced as necessary. • First Aider and First Aid items to be made available on site. • Ensure that cables are routed safely and don't pose a tripping hazard for the workers/engineers and other personnel. 						<p>Ergonomics - V 3.0</p> <p>OSHAD-SF -COP 47.0 - Machine Guarding Version 3.0</p> <p>OSHAD-SF - COP 36.0 - Plant and Equipment - V 3.0</p>
5	Paver Block Installation	<ul style="list-style-type: none"> • Back injury due to awkward posture when lifting and or installing paver block. <p>awkward posture due to</p>	Workers, personnel working nearby.	3	3	9	H	<ul style="list-style-type: none"> • Ensure that all workers carrying paver block installation to be trained for safe manual handling, use of, hand tools etc. prior to the start of their works. • Ensure that the workers are getting daily Toolbox talks from competent foreman & HSE Representative. • Ensure that sharp channels are 	Company Name	1	3	3	L	<p>OSHAD-SF-COP 2.0 Personal Protective Equipment - V 3.0</p> <p>OSHAD-SF - COP 4.0 First Aid and Medical Emergency</p>

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		<p>lifting/moving paver block injury due to awkward posture due to lifting/moving paver blocks</p> <ul style="list-style-type: none"> • Cut injury (fingers, hand, feet) when using cutting tool/machine. <p>injury (Fingers, Hand, Foot) while using paver block cutting machine.</p> <ul style="list-style-type: none"> • Eye injury from foreign particles. <p>Eye Injury</p> <ul style="list-style-type: none"> • Slips, trips, & falls. <p>falls</p> <ul style="list-style-type: none"> • Waste management. <p>Management</p> <ul style="list-style-type: none"> • Noise (when using plate/roller compactors). 					<p>handled only by workers who are wearing hand gloves.</p> <ul style="list-style-type: none"> • Ensure that adequate PPE is worn by workers carrying out the works. (hand gloves, ear muffs, safety helmet, safety shoes, dust mask etc.) • Ear plugs while using plate compactor. • Ensure that heavy loads are not lifted by workers. Use of mechanical aid to prevent back injury. • Ensure that all hand tools are inspected by HSE dept prior to the start of the works. • Ensure adequate signage is displayed in the work zone. • Ensure the working area is barricaded to prevent unauthorized access. • Ensure that manual handling training is given to workers who are doing repetitive works. • Ensure that only inspected and approved hand tools are used by the workers. • Regular housekeeping to be done in the work zone to prevent trip hazard. • First Aid items and Eye wash station to be readily available. • Ensure that the left overs/debris are 					<p>Treatment -V 3.0</p> <p>OSHAD-SF -COP 08.0 - General Workplace Amenities - V 3.0</p> <p>OSHAD-SF -COP 14.0 - Manual Handling and Ergonomics - V 3.0</p> <p>OSHAD-SF - COP 17.0 - Safety Signage and Signals - V 3.0</p> <p>OSHAD-SF- COP 22.0 - Barricading of Hazards - V 3.0</p> <p>OSHAD-SF - COP 35.0 - Portable Power Tools - V 3.0</p> <p>OSHAD-SF-COP 47.0 - Machine Guarding V 3.0</p> <p>OSHAD-SF -COP 53.0 -OHS Management during</p>
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		Noise (while using plate compactor) Noise (while using plate compactor)					H	disposed of as per the requirements of Center of waste Management.						<p>construction. Work - V 3.0 OSHAD-SF-COP 54.0 -Waste Management – V3.0</p> <p>OSHAD-SF - Element 2 Risk Management</p> <p>OSHAD SF- Element- 5 -Training and awareness and competency</p> <p>OSHAD-SF - Element 6 - Emergency Management</p> <p>Musanada Key HSE Requirements</p>
6	Emergency situations	Fire Collision Electrocution Failure to Evacuation	All personnel	3	3	9	H	<ul style="list-style-type: none"> ➤ All personnel to be safety inducted. ➤ Train and inform all employees regarding fire Emergency Evacuation Plan. ➤ Initiate and maintain good housekeeping ➤ Ensure that all materials used in porta cabin construction are fire rated. 	Company Name	1	3	3	L	<p>OSHAD-SF – Codes of Practice CoP 17.0 – Safety Signage and Signals – Version 3.0</p> <p>OSHAD-SF – Codes of Practice CoP 43.0 – Temporary</p>

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								<ul style="list-style-type: none"> ➤ Ensure that enough firefighting equipment are made available on site. (Fire Ex., Fire Hose Reel) ➤ Ensure that fire alarm and Fire siren are available on site and are fully functional. ➤ No smoking in non-designated areas. ➤ Ensure that smoke detectors are installed inside all offices. ➤ Ensure that workers are trained- how to fight fire, what to do in case of an emergency ➤ Ensure that enough assembly points are made available on site and access to them is kept clear at all times. ➤ Ensure emergency numbers are posted at strategic locations. ➤ Ensure that Evacuation plan is posted on notice boards and all are informed about it during inductions. 						Structures - Version 3.0 OSHA-SF – Codes of Practice CoP 08.0 – General Workplace Amenities – Version 3.0 OSHA SF-Element- 5 – Training and awareness and competency OSHA-SF – Element 6 - Emergency Management
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Method Statement & Risk Assessment handover

Date: __/__/__

I have read, understood and accept the conditions of this method statement & Risk Assessment.

Name of Job Supervisor/Foremen/Site Engineer: _____

Signature: _____

All operatives involved with this job must sign below

I have read, understood and accept the conditions of this method statement and Risk Assessment.

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Sr. No.	Name	Emp. No.	Emirates ID No	Designation	Date	Signature	Remarks
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