

RISK ASSESSMENT



Work Details

PROJECT NO.	165	Project Name	ARJAN PLOT NO - 6731311
Company/Office	ABNA AL AMIR Contracting LLC	Date	10 TH MAY 2018
Work Description	Block Work		

Risk Matrix

Likelihood Severity	Rarely (1)	Unlikely (2)	Possible (3)	Likely (4)	Highly Likely (5)	Consequences	
						People	Assets
Very High (5)	5	10	15	20	25	Death	Severe Damage
High (4)	4	8	12	16	20	Major Injury	Major Damage
Medium (3)	3	6	9	12	15	Over 3 Day Injury	Moderate Damage
Low (2)	2	4	6	8	10	Under 3 Day Injury	Slight Damage
Very Low (1)	1	2	3	4	5	Minor Injury (no lost time)	No Damage

Score	Priority	Action
1 to 4	Low	Low risk identified – Control measures to be adopted and monitored
5 to 10	Medium	Medium risk identified – Further controls may be required
11 to 25	High	High risk identified – develop / determine further controls

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#	Hazard Identified	Risk Description	Initial		Initial Score	Mitigations	Final		Final Score	By Whom
			L	S			L	S		
1	Falling of blocks on hands and legs	Injury to person Property damage	3	3	9	<ol style="list-style-type: none"> 1. Proper personal protective equipment to be used 2. Ensure proper lifting technique for handling the blocks 3. Never overload the working platform with blocks 4. Tool box talk to be conducted before starting the activity 5. Never keep the blocks on edges of the platforms 6. Stack the blocks properly in specified place only 	2	2	4	Project Engineer Supervisor HSE Officer
2	Fall of personal from height	Injury / permanent disability Fatality	4	5	20	<ol style="list-style-type: none"> 1. Use proper scaffolding /working platform while working above 2 mtr high 2. Safety harness to be worn and ensure proper anchorage of lanyard 3. Tool box talk prior to start the job 4. Ensure proper hand rails & platforms are fixed at elevated areas with proper access to elevated work 	2	2	4	Supervisor HSE Officer
3	Scaffold collapse	Property damage Injury Fatality	4	5	20	<ol style="list-style-type: none"> 1. Ensure only qualified scaffolders are engaged in the erection of scaffolding 2. Ensure proper & safe scaffolding and working platform 3. Maintain the tag system 4. Periodical inspection of scaffold 	2	2	4	Project Engineer Supervisor

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			L	S			L	S		
4	Fall from heights	Body injury Permanent disability Property damage	3	4	12	<ol style="list-style-type: none"> 1. Proper scaffolding with hand rails & safety harness to be used 2. Tool box talks to be conducted before starting this activity 3. Scaffolding erection should be done with approved scaffolding erectors only 4. Proper access to the scaffold 5. Proper signage to be provided 6. Follow good housekeeping 7. Barricade the area 8. Provide proper training and effective supervision 	2	2	4	Supervisor HSE Officer
5	Lifting of material	Back sprain and injuries	4	4	16	<ol style="list-style-type: none"> 1. Ensure proper PPEs are worn by all personnel 2. Ensure to follow correct manual handling procedure 3. Assess the material weight before lifting manually 4. Use mechanical equipment if the material is very heavy to manual lifting. 5. Ensure that no one stands underneath during lifting operations 	2	2	4	Supervisor HSE Officer

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			L	S			L	S		
6	Heat stress	Heat stroke Restlessness Irritability Heat exhaustion De hydration Heat cramps Heat rash	3	3	9	1. Self-determination of heat stress exposure 2. Maintain a healthy life style 3. Drink water or other fluids frequently 4. Avoid excessive exposure 5. Flex leg muscles several times before moving 6. Workers should add extra salt to their food 7. Keep skin clean and periodically allow skin to dry.	1	3	3	Project engineer Supervisor
7	Trip and fall	Injury to personnel	4	3	12	1. Follow good housekeeping 2. Keep all access free from obstructions 3. Ensure warning signs are displayed 4. Ensure all the tools and plants are kept in designated locations only	2	1	2	Project engineer Supervisor

Prepared by Contractor :

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Approved by:

Project Manager

Consultant