

# RISK ASSESSMENT



## Work Details

<b>PROJECT NO.</b>	165	<b>Project Name</b>	ARJAN PLOT NO : 6731311
<b>Company/Office</b>	ABNA AL AMIR Contracting LLC	<b>Date</b>	10 <sup>TH</sup> MAY 2018
<b>Work Description</b>	<b>Shuttering works</b>		

## 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	Shuttering works for walls	Injury Fatality Property damage due to shutter collapse	5	4	20	1.Ensure proper supporting system used 2.Ground supporting should be adequate to take load 3.Ensure adequate supervision and experienced carpenters for safe work	2	2	4	Project Engineer Supervisor
2	Manual handling	Injury Slip from hands Musculo skeletal injury	4	4	16	1. Wear the right PPEs 2. Access to the weight and decide to handle manually or mechanically 3. Manual handling to be avoided incase if it is not safe 4. Lift any material in a safe posture to avoid back injuries 5. Ensure the ground is stable before lifting	2	2	4	Project Engineer Supervisor HSE Officer
3	Unstable working platform	Injury fatality	5	5	25	1. Do not overload the working platform with materials 2. Use proper bracing and clamps to shutters 3. Ground supports should be adequately fixed properly on firm surface. 4. Sufficient ground supports and center supports to be fixed 5. Shuttering materials should be standard quality and strong in nature.	2	2	4	Supervisor

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#	Hazard Identified	Risk Description	Initial		Initial Score	Mitigations	Final		Final Score	By Whom
			L	S			L	S		
4	Trip and Fall	Body injury Permanent disability	3	3	9	<ol style="list-style-type: none"> <li>1. Provide proper signage</li> <li>2. Follow good housekeeping</li> <li>3. Scaffolding erection should be done with approved erectors</li> <li>4. Access to be clear from any materials</li> <li>5. Barricade the area</li> </ol>	1	2	2	Supervisor HSE Officer
5	Fall from heights	Body injury Permanent disability Property damage	3	3	9	<ol style="list-style-type: none"> <li>1. Proper scaffolding with hand rails &amp; safety harness to be used</li> <li>2. Tool box talks to be conducted before starting this activity</li> <li>3. Scaffolding erection should be done with approved scaffolding erectors only</li> </ol>	1	3	3	Supervisor HSE Officer
7	Electric Shock	Injury Death	4	5	20	<ol style="list-style-type: none"> <li>1. Deploy experienced electricians</li> <li>2. Use industrial sockets for plugging</li> <li>3. Ensure you, body and surface is dry during the operations</li> </ol>	1	2	2	Supervisor

Prepared by Contractor :

Project Manager

Approved by:

Consultant