

## HAZARD IDENTIFICATION AND RISK ASSESSMENT

### SECTION - 1

<b>ACTIVITY NAME</b>	Floor Crane / Winch machine Operation
<b>COMPANY / VENDOR NAME</b>	Innovators Façade Systems Limited

ASSESSMENT DETAILS		PERSONS CARRYING OUT ASSESSMENT			
Risk Assessment Reference #	IFSL-MHL-RA-05	<b>PREPARED BY:</b>		<b>REVIEWED BY:</b>	<b>APPROVED BY:</b>
Assessment Date	01/09/2022	Name:	Mr. JITENDRA PAL	Mr. AKHILESH SINGH	
Revision No.	01	Designation:	Site Incharge	Asst Safety Manager	
Method Statement Reference #	NA	Signature:			

### SECTION - 2

A	Likelihood (Occurrence)	B	Severity (Injury)	C	Risk Rating (Matrix)					D	RISK CATEGORY	E	RISK CONTROL MITIGATION TYPE			
1	Rare	1	Insignificant	Severity	5	5	10	15	20	25	1 - 5 Low	L =Low risk	E	Elimination		
2	possible	2	Minor		4	4	8	12	16	20			6 - 15 Medium	M = Medium risk	R	Reduce/Substitution
3	likely	3	Moderate		3	3	6	9	12	15	16-25 High	H = High risk			I	Isolate/Engineering Controls
4	Often	4	Major		2	2	4	6	8	10					P PPE	D Discipline
5	Almost certain	5	Catastrophic		1	1	2	3	4	5						
Activity Type- <b>Routine</b>						1	2	3	4	5						
					<b>Likelihood</b>											

## HAZARD IDENTIFICATION AND RISK ASSESSMENT

**S = Severity of injury & L = Likelihood of occurrence**      **Risk Rating score (RR) = S x L**      **Risk Category (RC) 1-5: Low ,6-15: Medium, 16-25: High**  
**S = Severity of injury & L = Likelihood of occurrence**      **Risk Rating score (RR) = S x L**      **Risk Category (RC) 1-5: Low ,6-15: Medium, 16-25: High**

SR NO.	SUB ACTIVITY	HAZARDS <i>Source, situation, or act with a potential for harm in terms of human injury/ill health or a combination of these</i>	HARM <i>What? Type of Injury/ill health</i>	Risk Category (RC)			Risk Category (RC)	CONTROL MEASURES <i>Measures to minimize the harm related to hazard and in following sequence for each hazard.</i>  <i>Opportunity: Engineering Control: Administrative Control: Personal Protective Equipment:</i>	RESULTANT RISK RATING (RRR)			Risk Category (RC)
				S	L	RR			S	L	RR	
1	Pre-Arrangement	1 Fall from height, fall of materials 2. Trip, slip & fall on level 3. Adapting poor posture or handling of excessive loads repeatedly 4 Contact with the energy resources Bursting/whipping of high pressure lines	1. First Aid 2. Minor Injury 3. Property Damage 4. Electrician I'll health	4	3	12	Medium	1. Area Shall Be inspect & Insure Stability of Sab 2. Material must be checked before shifting 3. Workers who will use such a system must be trained on its safe use 4. All work should be carried out under the supervision 5. Daly Tool Box Talk & Job Specific Training Should Be Conducted 6 PTW system should be followed 7. Appropriate PPE's should be Provided	2	2	4	Low

## HAZARD IDENTIFICATION AND RISK ASSESSMENT

2	Lifting Operation	1. Fall from height 2. Contact with fall of materials 3. Electricity 4. Lack of communication or Management control 5. Unsuitable thermal environment, which can lead to hypothermia or heat stress	1. Minor Injury 2. First Aid 3. Property Damage 4. LTA/Reportable	5	4	20	High	1. Fall protection arrangement is done along the crane erection zone. 2. All rotating parts should be covered 3. Crane lifting load chart always needs to be followed 4. Display Warning Board SWL, TPI Certificate & Proper lifting training will be provided. 5. Train & skilled workers engage for work 6. Illumination arrangement should be done as per work requirement 7. Daily inspection by the Electrician & EHS person Weekly Maintenance should be done by electrician 8. All work should be carried out under the supervision 9. Daily Tool Box Talk & Job Specific Training Should Be Conducted 10. Appropriate PPE's should be provided	2	2	44	Low