


## 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>
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				R	Reduce/Substitution
3	likely	3	Moderate		3	3	6	9	12	15	M	= Medium risk	I	Isolate/Engineering Controls	
4	Often	4	Major		2	2	4	6	8	10			C	Signage/Warning and/or administrative Controls	
5	Almost certain	5	Catastrophic		1	1	2	3	4	5	H	= High risk	P	PPE	
Activity Type- <b>Routine</b>						1	2	3	4	5			D	Discipline	
					Likelihood										

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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:</i> <i>Engineering Control:</i> <i>Administrative Control:</i> <i>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

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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 o hypothermal 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 cover 3. Crane lifting load chant always need to be followed 4. Display Warning Board SWL, TPI Certificate & Proper lifting training will be provide. 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