


HAZARD IDENTIFICATION AND RISK ASSESSMENT

SECTION - 1

ACTIVITY NAME	SURVEY WORK		
COMPANY / VENDOR NAME	INNOVATORS FAÇADE SYSTEMS LTD		

ASSESSMENT DETAILS		PERSONS CARRYING OUT ASSESSMENT			
Risk Assessment Reference #	IFSL-MHL-RA-01	PREPARED BY:		REVIEWED BY:	APPROVED BY:
Assessment Date	26.08.2022	Name:	Mr. JITENDRA PAL	Mr. AKHILESH SINGH	
Revision No.	01	Designation:	Project Engineer	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- Routine						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				
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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	Mobilization of manpower	Unskilled/ Untrained	Personal injury Property damage	3	4	12	Medium	<ul style="list-style-type: none">• Effective supervision must be provided.• Effective communication• Safety Induction should be given to all workers.• Safety training shall be provided• Skilled man power to be deployed.• TBT/ Training shall be given by supervisor/engineer before start of activity.• Trade validation shall be done during joining of workers• Provide gate pass & required PPE's viz. Safety helmet, safety shoes, reflective jacket etc.• PPES to be worn at all time.	3	1	3	Low

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2	Unwanted material situated at work area	Slip,trip,fall hazard	Personal injury, Property damage	4	4	16	High	<ul style="list-style-type: none"> • Work area should be clean before starting work. • Use safe work method during shifting of unwanted material. • Safety Induction should be given to all workers. • Safety training shall be provided • Skilled man power to be deployed. • TBT/ Training shall be given by supervisor/engineer before start of activity. • Proper illumination should be done • PTW should be mandatory • communication should must be effective • PPES to be worn at all time. • Provide shoulder pad and all necessary PPE's while shifting of material. 	3	1	3	LOW
3		Lack of Illumination	Personal injury, Property damage	4	3	12	Medium	<ul style="list-style-type: none"> • Work area should be clean before starting work. • Proper illumination should be done • Night work should be restricted • PTW should be mandatory • Safety Induction should be given to all workers. • Safety training shall be provided • Skilled man power to be deployed. • TBT/ Training shall be given by supervisor/engineer before start of activity. • PPES to be worn at all time. • Proper PPE'S should be providing to staff / worker. 	4	1	4	Low

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Survey work on floor & Near edge area	Unprotected manholes, cut outs & floor edges	Personal injury, Property damage	4	4	16	High	<ul style="list-style-type: none"> While working near floor edge provide adequate fall protection arrangement. Life line & safety harness must have worn while working on floor edge. Supervision must be provided at all time. Proper coordination between workers. Provide fall protection, prevention system during working at height. All manholes should be protecting from hard surface. Tool box talk should be carried out start of each shift regarding any height work at site. The entire worker to be under gone through medical test for not having a height phobia. Supervision must be provided at all time. PTW system must be followed. Before start of work all material should be checked. All personal protective equipment helmet, jacket, cotton hand gloves, goggles, dust mask must be provided. 	4	1	4	Low
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5		Fall of person/ material	Personal injury, Property damage fatality	4	5	20	High	<ul style="list-style-type: none"> • Provision of proper lifeline & FBH as per the applicable standards and legal requirement • Wearing Full body harness and anchored in strong object before starting work on floor edge. • Tool box talk should be carried out start of each shift regarding any height work at site. • All the worker to be undergone through medical test for not having a height phobia. • Supervision must be provided at all time. • PTW system must be followed. • Before start of work all material should be checked. • Training and briefings to the workers and surveyor & helper • Use only inspected full body harness. • Only trained worker shall be allowed for working on floor edge. • All personal protective equipment helmet, jacket, cotton hand gloves, goggles, dust mask must be provided. 	4	1	4	Low
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6		High wind pressure	Personal injury, Property damage	3	4	12	Medium	<ul style="list-style-type: none"> • Provision of proper lifeline & FBH as per the applicable standards and legal requirement • Prior start to work check the the wind pressure with anemometer and maintained record. • Tool box talk/Training should be carried out start of each shift regarding any height work at site. • All the worker to be under gone through medical test for not having a height phobia. • Supervision must be provided at all time. • PTW system must be followed. • Before start of work all material should be checked from flr edge. • Training and briefings to the workers and surveyor & helper • Use only inspected full body harness. • Don't allowed workers on flr edge during high wind pressure. • Be communicating about Assembly point. • All personal protective equipment helmet, jacket, cotton hand gloves, goggles, dust mask must be provided. 	3	1	3	Low
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7		Slips and Trips	Personal Injury	4	5	20	High	<ul style="list-style-type: none"> Access must be cleared from obstruction. Wet surface must be dried up prior start of work. Three point contacts must be maintained on ladders. Electricables must be routed overhead cleared from access. Caution board display at location Use only safe technique while shifting material from one place to another place. All workers will be trained in the correct and safe manual handling techniques. Display signs board at workplace and near access. Training/TBT must be conducted daily, weekly basis etc. Emergency cont. Numbers display at workplace PPES to be worn at all time. Safety Helmet, safety shoes, Hand gloves, and solder pad must be used with basic PPES. 	4	1	4	Low
		Lack of the Communication	Person injury Property damage	4	3	12	Medium	<ul style="list-style-type: none"> Use warlike talkie for communication propose Proper communication must be effective. Display signs board at workplace and near access. Training/TBT must be conducted daily, weekly basis etc. Emergency cont. Numbers display at workplace Be communicating about Assembly point. 	4	1	4	Low