



ORYX DOOR SYSTEMS LLC- RISK ASSESMENT FORM

PROJECT

GENERAL

SCOPE

INSTALLATION OF DOORS WINDOWS AND FLYSCREENS

RISK ASSESSMENT MATRIX

		SEVERITY				
		Negligible (1)	Marginal (2)	Serious (3)	Critical (4)	Catastrophic (5)
LIKELIHOOD	Highly Probable (5)	5	10	15	20	25
	Probable (4)	4	8	12	16	20
	Occasional (3)	3	6	9	12	15
	Remote (2)	2	4	6	8	10
	Improbable (1)	1	2	3	4	5

RISK LEVEL INTERPRETATION

1 – 4 (Green – Safe Zone) = Low	Risk is acceptable and requires no additional control(s).
5 – 9 (Yellow – Moderate) = Medium	Risk is in moderate zone and the existing controls have reduced the risk level to an acceptable level. But the risk in this category requires close monitoring as it may fall into the danger category if either severity or likelihood is affected through any means. It is also recommended to evaluate the need to apply some controls to reduce the risk level to green zone
10 – 14 (Orange – Danger) = High	Risk is in a danger zone and additional controls are required to reduce the level of risk to bring it to an acceptable level.
15 – 25 (Red – Extremely Dangerous) = Extremely High	Risk is extremely dangerous and an immediate action is required to apply additional controls in order to bring it to an acceptable level.

S. No.	ACTIVITY	(R) or (N)	HAZARDS	RISK DETAILS (CONSEQUENCES / EFFECTS)	LIKELIHOOD	SEVERITY	RISK LEVEL	EXISTING CONTROLS	LIKELIHOOD	SEVERITY	RISK LEVEL
					L	S	R1		L	S	R2
01	Delivery / unloading of materials, tools and equipment on site	R	<ul style="list-style-type: none"> Collision of delivery vehicles /people Improperly stored materials, tools and equipment 	<ul style="list-style-type: none"> Fatalities, permanent disabilities, multiple fractures and other serious personal injuries to workers Risk of slips, trips and falls resulting to broken bones (hand, wrist and arm) 	3	5	15	<ul style="list-style-type: none"> Ensure all required NOC's / permits are obtained from Client / Consultant prior to commencement of work. Segregate the routes of pedestrians and vehicles in the delivery / loading area. Carryout the work in no business hours in high traffic areas (malls, beaches etc) Make sure a safe access and egress are identified. Arrange Safety Induction and mandatory PPE to the drivers and helpers prior to start of delivery. Materials to be stored in location approved by Property Management and/or client Tools/equipment to be stored in lockable toolbox Area to be kept tidy and clear at all times Competent supervision must be present all times. 	1	5	5

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					L	S	R1		L	S	R2
02	Area / Site Preparation	R	<ul style="list-style-type: none"> Debris, spillages and other obstructions on working floor Poor illumination 	<ul style="list-style-type: none"> Sprains or fractures if workers trip over debris or slip on spillages and other obstructions Occupational illness (e.g. headache) resulting from poor illumination 	3	3	9	<ul style="list-style-type: none"> Permit to be obtained from client / landlord prior to commencement of work. Good housekeeping to be maintained at all times. Adequate task lighting to be provided in the workplace Tool box talk to be conducted to all personnel involved in the demolition activities. Appropriate PPE to issued and worn by workers (i.e. safety shoes, dust mask, gloves, spectacles, high visibility jacket, helmet overall). 	1	3	3

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					L	S	R1		L	S	R2
03	Installation of frames and glass	R	<ul style="list-style-type: none"> Unprotected electrical utilities Fall of objects and workers from height Unsafe operation of power tools 	<ul style="list-style-type: none"> Risk of electric shock workers who may be exposed to the live electrical services and faulty electrical-powered tools Risk of falling workers and materials from height may cause death of workers, neck and spinal injuries, multiple fractures, bruises and permanent disability. Drop off / fall of materials during handling and shifting can cause cuts, bruises and bone fractures to legs and feet. Sharp and rough edges of aluminium debris may cause cuts 	3	5	15	<ul style="list-style-type: none"> All services (underground, overhead and exposed) to be located, identified, and positively confirmed as 'dead', prior to the commencement of any works. Adequate and highly visible warning signs to be posted at site. Work area will be barricaded and restricted from entry to unauthorized personnel. Only trained workers will be assigned for job. Lone working on ladder/scaffolding should not be permitted Electronic tools should be switched off/unplugged when not in use Use of construction netting when the work is done above ground level in high traffic areas 	1	5	5

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					L	S	R1		L	S	R2
04	Work at height (Use of ladders/scaffolding)	R	<ul style="list-style-type: none"> Fall from height Falls of materials Full or partial collapse/structural failure Overloading of scaffold 	<ul style="list-style-type: none"> Risk of falling workers and materials from height may cause death of workers, neck and spinal injuries, multiple fractures, bruises and permanent disability. 	3	5	15	<ul style="list-style-type: none"> Scaffolding is inspected for defects or damage prior to use Scaffolding should be erected and placed in a level surface No overloading, observe load rated capacity of the equipment. Maintain safe distance from folding parts. A watchman shall hold the from bottom whilst using a ladder Use hard hat, high visibility jacket and harness, be aware of various pinch points. Use of construction netting when the work is done above ground level in high traffic areas 	1	5	5

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					L	S	R1		L	S	R2
05	Use of hand tools (hammers, screwdrivers, knives, chisels, etc.)	R	<ul style="list-style-type: none"> Use of defective/blunt tools Use of hand tools by incompetent personnel 	<ul style="list-style-type: none"> Hand and eye injuries (cuts, lacerations, abrasions, bruises) 	3	3	9	<ul style="list-style-type: none"> Only persons trained to use hand tools shall use the same Only correctly maintained and inspected tools shall be used Tag worn, damaged or defective tools "Out of Service" and do not use them. Select appropriate tool for the works. Carry all sharp tools in a sheath or holster. Do not use a tool if its handle has splinters, burrs, cracks, splits or if the head of the tool is loose. When handing a tool to another person, direct sharp points and cutting edges away from yourself and the other person. When using knives, shears or other cutting tools, cut in a direction away from your body. Do not carry sharp or pointed hand tools such as screwdrivers, scribes, aviation snips, scrapers, chisels or files in your pocket unless the tool or your pocket is sheathed. Do not perform "make-shift" repairs to tools. Do not carry tools in your hand when you are climbing. Carry tools in tool belts or hoist the tools to the work area using a hand line. Hand tools shall be kept in tool boxes whenever not in use & should not be kept unattended any time. Do not throw tools from one location to another, from one employee to another, from scaffolds or other elevated platforms. <p>Personnel to be provided with all necessary PPE (gloves, safety goggles/glasses, dust mask)</p>	1	3	3