

ANALYTICAL RISK ASSESSMENT

Premises Fire Risk Assessment Surveying

Department Name:	Prevention Team
Risk Assessment For:	Carrying out visual premises and site surveys for the purpose of information gathering to produce risk assessments and fire risk assessments.
User Department:	Prevention Team
Created By:	Gordon Rodwell
Approved By:	Jamie Green

Version	Date of Issue	Authors	Reason for Issue
2.1	05/04/2025	J Green	New document format – new issue.

Term	Definition	Term	Definition
Accident	An unplanned and uncontrolled event which gives rise to harm.	Likelihood (L)	The number of occasions on which a given event is expected to occur over a given time.
Consequence or impact	The outcome of an accident.	Mitigation	Reduction in risk due to the introduction of risk controls.
Controls	Measures that may be introduced with the intention of reducing risk.		The rate given to the control measures associated with the hazard and risk; either High, Medium or Low
Harm	Any kind of safety loss, including fatalities and injuries		The result based on the existing control measures or prior to implementing further control measures, in order to reclassify the rating to achieve the desired result. Being either: • 'H' High Risk • 'M' Medium Risk • 'L' Low Risk
Hazard	Anything with the potential to cause harm (or loss).		A combination of the likelihood of the harm occurring and the severity of the consequences.
Incident/ Near miss	An unplanned and uncontrolled event that does not give rise to harm, but which under different circumstances could have resulted in an accident.		A measure of the significance of consequences

Ranking risks is necessary in order to identify their relative importance. The degree of risk associated with a particular hazard depends on the likelihood of it causing an accident and the probable severity of the consequence of such an accident.

This ranking system involves classifying likelihood (in terms of frequency) and severity each on a five-point scale and then multiplying them both together to give the risk ranking as follows:

RISK = SEVERITY x LIKELIHOOD

The ranking values can then be grouped into four broad classes of risk:

RISK RATING KEY		LOW	MEDIUM	HIGH	EXTREME
		0 – ACCEPTABLE OK TO PROCEED	1 – ALARP (as low as reasonably practicable) TAKE MITIGATION EFFORTS	2 – GENERALLY UNACCEPTABLE SEEK SUPPORT	3 – INTOLERABLE PLACE EVENT ON HOLD
LIKELIHOOD	SEVERITY				
		ACCEPTABLE	TOLERABLE	UNDESIRABLE	INTOLERABLE
		LITTLE TO NO EFFECT ON EVENT	EFFECTS ARE FELT, BUT NOT CRITICAL TO OUTCOME	SERIOUS IMPACT TO THE COURSE OF ACTION AND OUTCOME	COULD RESULT IN DISASTER
	IMPROBABLE RISK IS UNLIKELY TO OCCUR	LOW – 1 –	MEDIUM – 4 –	MEDIUM – 6 –	HIGH – 10 –
	POSSIBLE RISK WILL LIKELY OCCUR	LOW – 2 –	MEDIUM – 5 –	HIGH – 8 –	EXTREME – 11 –
	PROBABLE RISK WILL OCCUR	MEDIUM – 3 –	HIGH – 7 –	HIGH – 9 –	EXTREME – 12 –

		Initial Risk Rating No Controls				Risk Scores >6 Are Intolerable For This Undertaking		Risk Rating Additional Controls				Additional Controls Should Be Considered For Risk Scores >4 For This Undertaking		Final Risk Rating			
Hazard:	Person(s) at Risk:	Severity	Likelihood	Risk Score	Tolerable?	Control Measures:		Severity	Likelihood	Risk Score	Tolerable?	Additional Control Measures:		Severity	Likelihood	Risk Score	Tolerable?
Electricity. Working with VDU's, PC's and Tablets	Assessors and Chaperones	Medium	Possible	5	Yes	PAT tested equipment supplied by premises and/or Servatus Solutions as required. Training and supervision of equipment as required for non-standard or non-domestic equipment.		Low	Improbable	2	Yes			-	-	-	-
Electricity. Electrocution whilst working around fixed installations.	Assessors and Chaperones	High	Possible	8	No	NICR tested equipment on premises and/or equipment subject to BS 7909, a code of practice for temporary electrical systems. Use of thermal imaging camera to assess installations for heat induced fault occurrences, and to maintain physical separation from electrical equipment.		High	Improbable	6	Yes	Prior to access into any high voltage enclosure, the responsible person shall ensure an appropriately trained representative is present to provide safety advice and guidance.		Medium	Improbable	2	Yes

Manual Handling.	Assessors and Chaperones	Medium	Possible	5	Yes	Assessors and Chaperones to have undertaken manual handling training. No equipment greater than 20kgs (1 person lift). All taking part in task to consider abilities of themselves, those assisting, and it the task necessary for the purpose of this activity. Appropriate and tested equipment to assist in the task. For example, evacuation chairs shall be CE marked.	Low	Improbable	2	Yes		-	-	-	-
Non-flammable compressed gas cylinders. For example elements of fires suppression systems.	Assessors and Chaperones Public/Onlookers	High	Improbable	6	No	Only trained persons to operate compressed gas systems/equipment. Use of pressure reducers, and all equipment testing and properly maintained. PPE during use/testing of gas systems by trained persons only.	Medium	Improbable	4	Yes	Charging/Discharging of gaseous systems shall not take place as part of this activity.	Low	Improbable	2	Yes
Flammable compressed gas. For example LPG cylinder stored used in cooking/heating equipment.	Assessors and Chaperones Public/Onlookers	High	Improbable	6	No	Only trained persons to operate flammable gas equipment. Use of pressure reducers, spark arrestors and all equipment testing and properly maintained. PPE during use/testing of flammable gas equipment by trained persons only.	Medium	Improbable	4	Yes	Disconnection or operation of flammable gas equipment shall not take place as part of this activity.	Low	Improbable	2	Yes

Low light levels. Working in low light and/or winter months resulting in slips, trips, falls & impacts.	Assessors and Chaperones Public/Onlookers	Low	Possible	6	No	Working in floodlit areas where possible. Consideration given to daylight hours when scheduling. Work lighting on vehicles/trailers and hand lamps utilised where possible.	Low	Possible	2	Yes		.	.	.	.
--	--	-----	----------	---	----	---	-----	----------	---	-----	--	---	---	---	---

Moving Vehicles. Vehicle striking person. Or, Vehicle striking vehicle.	Assessors and Chaperones Public/Onlookers	Extreme	Probable	12	No	For prolonged tasks, working areas segregated by physical barriers and/or locations remote from vehicles/plant/equipment movements. For prolonged tasks, working areas segregated from vehicles / plant / equipment movements by visual barriers as required. For short tasks, vehicles / plant / equipment movements in immediate area will cease. Minimum PPE as required by premises and assessors to risk assess whether additional PPE is required prior to starting sessions. Observations taking place on / around / under vehicles / plant / equipment to take place once all attachments are grounded and vehicles / plant / equipment is switched off. For observations of using vehicles / plant / equipment: Physical separation of pedestrians and vehicles / plant / equipment to be maintained as per premises risk assessments. Where physical segregation is not possible:	High	Possible	8	No	Additional training in 'safety around plant' to be provided to assessors included peer reviewed instructional sessions. Premises inductions for situational awareness and premises/operational familiarisation. Where appropriate, an on-premises risk assessment will be completed and recorded via software utilised by Servatus Solutions. If on-premises hazard findings cannot be mitigated the assessor will postpone activity for further review or replace task/observation with alternative safer exercises.	Medium	Improbable	4	Yes
---	--	---------	----------	----	----	--	------	----------	---	----	---	--------	------------	---	-----

Use of pumping equipment. Possible electrocution, entrapment into moving parts, impact injuries and excessive noise/aerosols.	Assessors and Chaperones	High	Probable	9	No	Operation of equipment by trained persons only. Equipment testing to manufactures recommendations and visual inspection before and after use. PPE to include eye protection when working near pumps. PPE to include noise protection when operating fuel driven pumps. Maintain a distance of 4+ meters from running fuel driven pumps when not wearing hearing protection.	Medium	Possible	6	Yes	Electrical equipment, such as pumps and switch gear, to be tested and certified for intended use. Safety guards fitted where appropriate. Fuel driven pumps to be operated in open air environments or fitted with appropriate manufacture approved exhaust systems. A hand signal denoting the shutting down of fuel driven pumps will be established and understood by all to overcome noise impairment.	Medium	Possible	5	Yes
--	--------------------------	------	----------	---	----	---	--------	----------	---	-----	--	--------	----------	---	-----

Assessor Comments:	All instructors representing Servatus Solutions Ltd, and any other contributors to training delivery reserve the right to halt, delay or refuse to carry out any element of training on the grounds of legitimate health and safety concerns. All participants in training (instructors, students, onlookers) are actively encouraged to highlight any issues or concerns immediately so that they may be addressed at the time. Or the session(s) can be halted until adequate steps have been taken to eliminate the hazards and/or reduce the risks. Servatus Solutions Ltd reserve the right to refuse issue of any training records until all parts of the syllabus in question has been delivered.
Sign Off Date:	04 th April 2025
Signed:	
Print:	J Green GFireE