

Use of Petrol Driven Generator RA 019

Consequence	5	10	15	20	25
	4	8	12	16	20
	3	6	9	12	15
	2	4	6	8	10
	1	2	3	4	5
Likelihood					

- Unacceptable – Stop activity
- Adequate – Monitor for continual compliance
- Acceptable – No further action / monitor

Risk Assessment: 019 Use of Petrol Driven Generator

Assessors Name: Gabriela Balint

Signature: *Gabriela Balint*

Date: January 2022

Review: January 2023

Location:

Likelihood	1 = Very unlikely	2 = Unlikely	3 = Fairly likely	4 = Likely	5 = Very likely
Consequence	1 = Insignificant	2 = Minor	3 = Moderate	4 = Major	5 = Catastrophic

Hazard	Who can be harmed & how	Risk Rating			Control measures in place	Residual Risk		
		L	C	R		L	C	R
Electric shock from generator output	Operatives and others who may contact generator. Potential for serious / fatal injuries	3	5	15	Plant and equipment to be used by competent persons only or if being trained, supervised by a competent person. Pre-use checks on generator to include electrical components and cables etc. All electrical equipment subject to PAT testing at regular intervals Generator sited in a location and suitably protected to avoid unauthorised contact	2	5	10
Contact with hot parts	Operatives and others who may contact generator. Potential for serious burns	3	4	12	Plant and equipment to be used by competent persons only or if being trained, supervised by a competent person. Generator placed in a suitable area away from walkways and protected by physical barriers as necessary.	2	4	8

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Hazard	Who can be harmed & how	Risk Rating			Control measures in place	Residual Risk		
		L	C	R		L	C	R
Contact with fumes / CO	Operatives and others who are in the vicinity of the generator. Potential for serious / fatal injuries through asphyxiation	3	5	15	Generator only to be used in external / well ventilated area. Generator turned off and isolated when not in use. Consideration given to others who may be affected by fumes, review the area including open windows etc. If doubt exists, contact line manager for further advice.	1	5	5
Slip / trip fall	Operatives and others who are in the vicinity of the generator. Potential for major injuries through STF hazards	3	4	12	Plant and equipment to be used by competent persons only or if being trained, supervised by a competent person. Cable management required with cables covered or hung out of way. Spillages of fuel cleared in line with COSHH requirements, use of signage	1	4	4
Manual handling	Operatives undertaking manual handling tasks at risk of musculoskeletal injuries.	3	4	12	All persons are trained in manual handling and follow training and instruction given including use of Task, individual, load and environment (TILE) methodology. Personnel are instructed to use mechanical assistance wherever practically possible. Where larger or uncommon loads are involved, a specific manual handling assessment will be required. Additional controls in place for movement of generator in / out of vehicles.	2	4	8

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Hazard	Who can be harmed & how	Risk Rating			Control measures in place	Residual Risk		
		L	C	R		L	C	R
Fire	Operatives and others e.g. property owners / users / other trades etc. Serious injury potential / fatality etc. through asphyxiation, burns etc.	4	5	20	Plant and equipment to be used by competent persons only or if being trained, supervised by a competent person. Spillages of fuel cleared in line with COSHH requirements, use of signage Generator placed in a suitable area away from walkways and protected by physical barriers as necessary. Personnel allow generator to cool sufficiently prior to refilling using prescribed method i.e. use of funnel or contained pipe on container. Fuel stored in sealed containers away from ignition sources.	2	5	10
Use of or working in close proximity to noise emitting equipment	Personnel and others working in / or in the vicinity of noise emitting equipment Potential for long / short term hearing damage	5	4	20	Personnel are required to maintain noise emitting equipment in an efficient condition. Personnel are instructed in the use of sufficient PPE including the use, maintenance and storage of supplied hearing protection including the requirement to wear PPE in designated areas. Use of warning signage as necessary. Consideration given to others who may be affected by noise, review the area including open windows etc. If doubt exists, contact line manager for further advice.	2	4	8
Contact with substances hazardous to health	All personnel who use or may be affected by the use of hazardous substances, serious injury potential	3	4	12	Products only to be used as directed following control measures outlined in COSHH assessments and MSDS as necessary. Personnel to be aware of others who may be affected by the use of the substance. Use of impervious gloves and eye protection when refuelling Personnel to report any issues i.e. dermatitis	2	4	8