

# Use of Machinery RA 005

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:	005 Use of Machinery
Assessors Name:	Gabriela Balint
Signature:	<i>Balint</i>
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
Contact with moving parts	Personnel using machinery and others in the vicinity, serious injury potential	3	4	12	All equipment to be checked pre-use to ensure that it is fit for the task, guards are in place and adjusted as required. Operatives to tie back long hair and be aware of loose-fitting clothing / gloves which may become entangled. Use of two hands on tooling SFARP.	2	4	8
Contact with electricity	Personnel using machinery, serious injury potential	3	4	12	All equipment is checked pre-use to ensure that any leads, cables, casings and connections are free from damage which may cause an electric shock. Portable equipment is liable to regular PAT testing at the recommended intervals. Remove any defective equipment from service.	2	4	8

Noise / vibration	Personnel using machinery and others in the vicinity, potential for long term ill health	3	4	12	Personnel are issued with and are required to wear hearing protection when operating noise emitting work equipment. Consideration is given to others when using such equipment by use of baffles or best available technology on tooling.	2	4	8
					Use of vibrating equipment is to be recorded and monitored. Operatives required to report numbness / tingling in arms, hands fingers which may lead to vibration syndrome.	2	4	8
Unauthorised use of equipment	Persons using machinery without authorisation, serious injury potential / fatality	3	5	15	Personnel required to lock off and / or isolate machinery when not in use. Operative to remove keys where applicable to prevent unauthorised use. Mobile work equipment to be placed away in vehicles or lockable tool chests when not in use.	2	5	10
Use of fuels	Serious injury potential to personnel involved in refuelling operations through fire / explosion	3	5	15	Personnel trained in the correct procedure for refuelling to include: Fuel stored in the correct containers and stored in a safe location as per COSHH requirements. Allow engines to cool prior to refuelling. Refuelling takes place in a safe location and as per instructions. Spill kits available at designated refuelling locations. Personnel aware of environmental considerations	2	5	10

Additional information:

- Some work equipment may require a separate specific risk assessment i.e. handheld diamond drilling equipment.
- Read safety instructions if supplied with tooling
- Ensure correct use of PPE at all times
- Work equipment only to be used by competent personnel or if being trained, supervised by a competent person.