

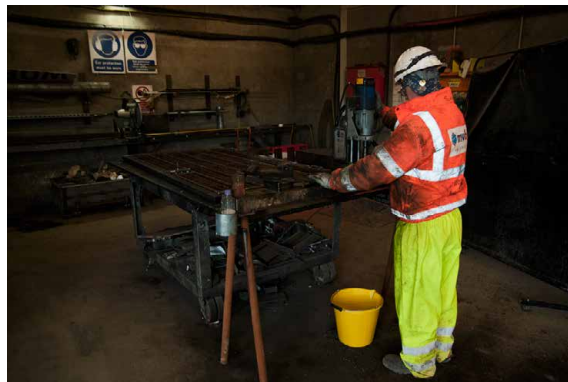
TUNNELWORKS

BTEC LEVEL 3

STUDENT SHEET

Site visit risk assessment

- Identify and rate some hazards to staff and visitors to a busy engineering construction site and workshop.
- Complete a risk assessment template.
- Write down the control measures you would take to minimise risks.



What hazards might exist in an engineering workshop?

All staff, and any visitors, must stay safe on a busy engineering construction site. Your site manager wants their visitors to see the main shaft and the engineering workshop buildings where staff maintain and repair TBM parts.

- Use the ideas in the Scenario sheet and slides, and your knowledge and experience of workshop activities and equipment.
- Gather your ideas in a table like the one below.
- Rate each hazard as shown.

		How easily this might happen	How bad it might be if this happens	Risk value = Likelihood X Severity
		↓	↓	↓
Location	Activity and risk	Likelihood (1 – 5)	Severity (1 – 5)	Risk Value (1 – 25)
Main shaft	Falling during visual inspection of top of shaft	1	5	5

What control measures will minimise any risks to visitors?

- Identify control measures that would minimise some key risks.
- Think about access, exposure, and PPE
- Think about preventative actions for the visitor, their guide, and workshop staff