

Drainage Engineers RAMS Template

Site / location: []

Assessment date: [DD/MM/YYYY]

Reference: []

Assessor (competent person): []

Review date: [DD/MM/YYYY]

Section 1 — Risk assessment

No.	Hazard	Who might be harmed	Existing control measures	Likelihood (1-5)	Severity (1-5)	Risk (LxS)	Additional controls required	Residual L	Residual S	Residual risk
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Common hazards for Drainage Engineers

Reference list to prompt your assessment — add each relevant hazard as a numbered row above. Trench collapse and burial · Confined space entry (manholes and sewers) · Contact with contaminated water and sewage · Drowning in flooded excavations · Struck by excavator · Leptospirosis and other biological hazards · Hydrogen sulphide gas exposure · Contact with buried services

Section 2 — Risk matrix key

1-3 Low

4-9 Medium-Low

10-15 Medium-High

16-25 High

Risk score = Likelihood (1-5) × Severity (1-5). Reassess after applying additional controls to obtain the residual risk.

Section 3 — Method statement

Describe, step by step, how the work will be carried out safely.

Section 4 — Applicable legislation

Tick the regulations that apply to this work.

- ☐ Health and Safety at Work etc. Act 1974 (HASAWA)
- ☐ Construction (Design and Management) Regulations 2015 (CDM)
- ☐ Provision and Use of Work Equipment Regulations 1998 (PUWER)
- ☐ Control of Substances Hazardous to Health Regulations 2002 (COSHH)
- ☐ Confined Spaces Regulations
- ☐ HSG185 Health and Safety in Excavations
- ☐ Management of Health and Safety at Work Regulations 1999 (MHSWR)
- ☐ Work at Height Regulations 2005
- ☐ Lifting Operations and Lifting Equipment Regulations 1998 (LOLER)
- ☐ Manual Handling Operations Regulations 1992
- ☐ HSG47 Avoiding Danger from Underground Services
- ☐ Water Industry Act

Section 5 — Sign-off

Assessed by

Name

Signature

Date

Reviewed / approved by

Name

Signature

Date