

Risk Assessment Summary Sheet

Ref 007

Activity/Workplace; Excavation Works

Generic Risk Assessment					Risk Assessment after application of Control Measures					
Hazard	Risk	Risk Group	Likelihood	Severity	Risk Rating before controls	CONTROL MEASURES	Responsible Person	Likelihood	Severity	Risk Rating after controls
Collapse of sides	Persons in excavations being struck by falling materials. Engulfment Persons falling into excavations	Employees General public Visitor Contractor	4	5	20	The presence of buried services must be ascertained from the relevant utilities before work begins. Cable detectors must be used to confirm the results of enquiries from the utilities. Hand tools must only be used when digging within 0.5m of cables. Any excavations where there is risk of burial or entrapment or a risk of materials falling from a height, the appropriate control must be adhered to. A battered excavation is to be preferred whenever possible as it cannot collapse.	Line Management Employees	2	5	10
Striking underground services	Electrocution					Excavations shall be protected by barriers to prevent workers/public driving/falling into excavations. Do not store materials e.g. soil/pipes adjacent to the excavation. Ensure the side of the excavations do not undermine nearby structures such as walls. Planning and examination of the site before work begins may be necessary.				
Building or structure collapse due to excavations	Property/ Equipment damage					Any internal combustion engines or other devices producing toxic fumes must have adequate measures to remove fumes. Appropriate PPE to be worn by all operatives working in excavations. All excavations requiring support shall be inspected daily by the supervisor at the start of each shift and at regular intervals depending on ground conditions.				
Plant running into excavations	Personal Injury					The supervisor shall thoroughly examine at regular intervals any excavation requiring support, the frequency depending on ground conditions.				
Flooding	Drowning					A thorough examination (AF3) must be carried out weekly or after blasting in or near an excavation or if there is fall or earth rock or if any part of the support has been substantially damaged. The results of examinations shall be entered on form AF3, when there is risk of burial or entrapment of personnel and a risk of material striking a person from a height. Extra care must be taken when excavating in restricted areas. Ensure the excavation is secured from the public at all times. All operatives must have the relevant CSCS training Toolbox Talks provided on excavation works.				