

Generic hazards list

Anglian Water has established a generic list of primary hazards you may encounter when undertaking work. This is not an exhaustive list and additional hazards could still be present. A suitable and sufficient Risk Assessment and Method Statement must be completed prior to commencing works.

Hazard / risk	Risk control measures / comments
Excavation safety	<ul style="list-style-type: none"> • 500mm - 1.2m deep every Excavation must have a Risk Assessment for Trench Support • Greater than 1.2m Suitable Trench Support is mandatory • Spoil location to be away from the excavation at a distance at least as far as the excavation is deep • Plant to be used at Safe location not to impair the excavation/cause collapse • Excavation must have safe and suitable access and egress e.g. Secured Ladders • Excavation must be left safe and secure to prevent unauthorised access and appropriate hazard signage displayed
Services Electric, Gas, Water, Sewage, Data cables	<ul style="list-style-type: none"> • Check for presence of Underground and Overhead Services • Service Drawings can be used as a guide but can prove to be inaccurate • CAT Scanner and Genny should be used to identify the location of services • Tell-tale signs e.g. ground scarring, service marker posts and fixed assets could indicate presence of underground services • Safe digging procedures should be followed e.g. hand dig only if services are within 500mm of excavation • Safe working procedures should be implemented for working around overhead services e.g. Goalposts, Barriers (See HSE Guidance GS6) • Adequate support of exposed underground services must be completed
Confined spaces	<ul style="list-style-type: none"> • Personnel must be City & Guilds 6150 trained. • Personnel must be trained and competent (6150-02 medium risk training as a minimum) • Risk of Toxic Gases (e.g. Hydrogen Sulphide/Methane/reduced Oxygen/Carbon Monoxide) may be present and suitable gas monitors should be used for atmosphere testing • Risk of Drowning - Flows should be controlled • Risk of Collapse/Entrapment - Ensure the excavation/manhole/confined space is supported if needed and checked, along with Safe Access/Egress • Risk of Surges/Flows - Flows controlled • Open manholes need to be suitably guarded/protected to prevent falls.
Hazardous substances	<ul style="list-style-type: none"> • Asbestos / Trade Effluent / SHARPS / Septic Waste all could be present or occur during operations • Suitable controls could include: Surveys, Flow control, PPE, Good Hygiene Procedures, Training • Potential of fly-tipping and other unauthorised discharges into the sewage system should be considered
Working in the highway	<ul style="list-style-type: none"> • New Roads and Streetworks Guidance • Need to ensure suitable signing, lighting and guarding in place • Personnel have appropriate NRSWA training