

Live Services

Eliminate or minimise the risks of fatalities, injuries and events arising from underground, concealed and overhead services



Critical controls

- › Identify known services
- › Locate known services
- › Protect known services
- › Asset/utility owner requirements known and applied
- › Harmful energy sources de-energised or isolated, if possible



Electricity

Eliminate or minimise the risks of fatalities, injuries and events arising from onsite electrical installations and electrical equipment



Critical controls

- › Only licensed electricians to carry out electrical work
- › Isolate electrical energy sources
- › Test for dead prior to electrical work
- › All power supplies to be RCD protected
- › Test and tag electrical equipment



Work at Height

Eliminate or minimise the risks of fatalities, injuries and events arising from work at height and using elevated work platforms



Critical controls

- › Fall or edge protection equipment utilised and fit for use
- › Exclusion zones established where a risk of falling objects exists
- › Penetrations, voids or openings must be protected
- › EWPs (boom-type) fitted with secondary protection, where overhead hazards exist
- › Anchor points are inspected and suitably rated



Live Traffic

Eliminate or minimise the risks of fatalities, injuries and events arising from working in close proximity to passing traffic and other road users



Critical controls

- › **Approved Traffic Management Plan**
- › **Traffic control devices and signage in place and monitored**
- › **Traffic controller where needed, to be competent**
- › **Work zones and separation distances delineated**
- › **No working in a live lane unprotected**



Asbestos

Eliminate or minimise the risks of fatalities, injuries and events arising from the management, removal and disposal of asbestos



Critical controls

- › Prevent airborne asbestos fibres
- › Correct disposal of contaminated material/equipment
- › Hazardous areas signed and segregated
- › Clearance certificate issued, where required
- › Task specific personal protective equipment used



Cranes & Lifting

**Eliminate or minimise the risks of fatalities,
injuries and events arising from cranes
and lifting**



Critical controls

- › Lifting equipment inspected prior to use
- › Exclusion zones established for lift area
- › Load charts used to determine lifting capacity
- › Positive communications between persons involved
- › Ground bearing to be verified for crane use



Excavation

Eliminate or minimise the risks of fatalities, injuries and events arising from excavations greater than 1.5m



Critical controls

- › **Services to be identified, located and protected**
- › **Excavations benched, battered or shored and accessed according to code of practice**
- › **Plant, spoil and equipment placed outside zone of influence**
- › **Open excavations controlled from un-authorized access**
- › **Inspect excavations for changes in stability**



Plant, Vehicles & People

Eliminate or minimise the risks of fatalities, injuries and events arising from the interaction of mobile plant, equipment, vehicles and people



Critical controls

- › Separation of plant and people
- › Plant and vehicles parked in a stable manner
- › Positive communication around operational plant
- › Control blind reversing
- › Obey speed limits and operate to conditions



Confined Space

Eliminate or minimise the risks of fatalities, injuries and events arising from working in a confined space



Critical controls

- › Isolate harmful energies or sources
- › Test atmosphere for safe oxygen levels
- › Emergency rescue plan in place and rehearsed
- › Entry controlled by permit
- › Standby person in constant communication with entrant



Demolition

Eliminate or minimise the risks of fatalities, injuries and events arising from licensed demolition works



Critical controls

- › Hazardous materials assessments undertaken
- › Hazardous materials to be removed
- › Disconnect relevant known services
- › Exclusion zones established
- › Structural stability maintained progressively

