








HSE High Consequence and Secondary Risks Symbols



TransGrid has identified nine Health and Safety High Consequence Risks, three Environmental High Consequence Risks and multiple secondary risks. These symbols will be utilised in the HSE Management systems including, but not limited to the following documents:

- WASP – SWMS Development Programme
- WHSMP (Work Health Safety Management Plan)
- Project Health & Safety Risk Register
- Incident Management and Investigation










1. Health & Safety High Consequence Risks

High Consequence Risk	Icon	Definition
Electricity		Uncontrolled discharge or contact with electricity that has the potential to expose a worker to electrocution, electric shock or flash burns.
Working at Height		An event where a person is exposed to a fall from height that has the potential to cause death or permanent disability.
Mobile Powered Plant		Exposure to mobile powered plant whilst operating or working near that has the potential to cause death or permanent disability.
Heavy Lifting Operations		Failure of heavy lifting operations and lifting equipment resulting in a person being crushed or struck.
Driving		A vehicle loss of control whilst driving that has the potential to cause death or permanent disability to the occupants of a vehicle or bystanders.
Falling or Moving Objects		Struck by falling objects where overhead work is being conducted or struck by moving objects where a person is forcefully struck, crushed or caught between objects.
Traffic Control		Uncontrolled movement of vehicles or plant into a worksite that has the potential to cause death or permanent disability to workers.

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Hazardous Substances and Dangerous Goods		The uncontrolled release of a hazardous substance or dangerous good in the form of a solid, liquid or gas that has the potential or cause death or permanent disability due to immediate or prolonged exposure.
Confined Space		Workers or members of the public that are exposed to a risk of engulfment, unsafe oxygen levels or contaminants that could cause suffocation, fire or explosion while in or near a confined space.

2. Health & Safety Secondary Risks

Secondary risk	Icon	Definition
Manual Handling		Any activity requiring the use of force exerted by a person to lift, lower, push, pull, carry or otherwise move, hold, restrain anything, repetitive or sustained force.
Other Workgroups		Two or more individuals, who function like a team, are ... and may or may not work next to one another but may be impacted.
Tools & Equipment		A device, implement or item necessary for a particular purpose.
Crush Injury		A crush injury may arise from squeezing of a body part between two objects.
Changed Weather		To the degree that it is hot or cold, wet or dry, calm or stormy, clear or cloudy.
Excavations		To remove soil, earth, etc. by digging; dig out. To make a hole, cavity, or tunnel in solid matter.
Surface Conditions		The state of surface conditions that could result in a slip, trip or fall of a person.
Fatigue		Extreme tiredness resulting from mental or physical exertion or illness.
Access Track Conditions		A track constructed for the safe passage of vehicles undertaking activities.

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3. Environmental High Consequence Risks

Primary risk	Icon	Definition
Bush Fire		Bushfire caused by insufficient clearing of on-easement and off-easement trees causing arcing and significant bushfire.
Disposal of Waste		Inappropriate disposal of waste.
IPART reporting		Failure to meet IPART and licence reporting requirements.

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