



Electrified Rail Tracks and Your Safety

Aurizon is committed to the safety of communities around our electrified tracks in line with the Aurizon **ZERO**HARM safety goal.

Background

1,890km of Aurizon's Central Queensland Coal Network (CQCN) is electrified. Electrified rail provides operational and cost benefits compared to diesel trains, but like all railways, electrical rail infrastructure has dangers associated with it.

Aurizon is committed to raising the awareness of the danger of electrified rail tracks as an important part of the Aurizon safety message.

The facts about electrified rail infrastructure

- » Electricity always seeks the quickest path to earth including through a person.
- » Electrified overhead lines carry 25,000 volts of electricity, 100 times greater than the power supply in most homes.
- » They have electricity flowing through them 24 hours a day, 365 days a year.
- » There is a 3 metre exclusion zone for personal safety around all electrical rail infrastructure as electricity can 'jump', which means you don't have to touch overhead lines to be electrocuted.
- » Flying items near overhead lines, dangling items such as fishing lines over bridges, or driving overheight vehicles or pulling overheight loads across level crossings can result in electrocution.

Safety near electrified railways

Please display this notice in a prominent place.



What to do near electrified rail tracks?

Whenever in the vicinity of electrical rail infrastructure, it is important to be aware of your surroundings to ensure the safety of yourself and your family:

- » Always follow the instructions of safety signage; it is there to keep you safe.
- » Never walk on a railway track, always use a level crossing.
- » Never fly objects near an overhead line or over a rail bridge including fishing lines.
- » Always be aware of your surroundings, especially of overhead and below ground electrical lines.

If you notice an Aurizon overhead line is damaged or has fallen down, ensure you keep at least 3 metres away as electricity can 'jump' and report the incident to Aurizon on 13 23 32.

Overhead electrical rail lines at level crossings

When approaching a level crossing:

- » Always check the height of your vehicles, cattle trucks and machinery to avoid collisions with overhead lines at a level crossing.
- » Be aware of the height of antennas, excavator booms and boat masts.
- » Observe the height gauge at the level crossing or other warning signs.

Hitting an overhead line will cause damage to your equipment and more importantly, you can be electrocuted.

For more information on maximum allowed vehicle heights or overdimensional loads, refer to www.aurizon.com.au/network/overdimensional-loads.

Report any damaged or fallen overhead electrical lines to Aurizon on 13 23 32.

Call '000' for any incidents involving electrical emergencies.

Contact us

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