



November safety toolbox talk: electrical safety



30.10.2024

Fingrid OYJ



Think

before you act.

*The operating model for
ensuring electrical safety*

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Background

The ***‘think before you act’*** model must always be followed before starting work on any Fingrid worksite.

The operating model was created in response to a number of accidents on our worksites that could have been easily avoided if we had taken a moment to think before starting the work.

Plan, evaluate and think.
Always before you act – also in electrical work.

Think before you act



Is the working method safe, and has it been understood correctly?

Have the necessary plans been made?
Have the appropriate permits been obtained to do the work?

Have the risks of the work been assessed?

Have we received the necessary training and orientation? For example, worksite orientation and work phase kick-off meeting.

Do we know what to do if changes occur? For example, when the work cannot be done according to the original plan?

Think before you act to ensure electrical safety

Planning electrical safety

Electrical safety near-misses occur every year during maintenance and investment work at Fingrid's electrical installations.

The most common are related to additional earthing, permits to ensure occupational safety, and safe measurement-taking. Some of these incidents could have resulted in serious accidents. **However, they can all be avoided if the work is planned and executed carefully.**

Life-threatening induced voltages represent a specific hazard in Fingrid's installations and should always be considered when planning and executing the work.



The following should be taken into consideration when planning work:

- The work must be planned in such a way that all electrical hazards are considered, and the work can be done safely in the work location.
- The plan should consider the hazards of operating voltage and induced voltages.
- The safe work area should be defined in relation to the person's work experience and the potential for the work tools and machinery to come into contact with other objects in the event of an incorrect movement or fall.

Working in electrical installations

Before starting work in an electrical installation, the electrical safety supervisor should ensure that the following prerequisites for safe work have been taken care of:

1. Verifying that the work location is correct
2. Isolating the work location from plant components energised by operating voltage
3. Using locking and tags to prevent the operating voltage from being reconnected to the work location
4. Verifying that the work location is de-energised
5. Earthing the work location
6. Delimiting the work area from live components
7. Think before you act

Safety toolbox talk

On the worksite, think and discuss whether you can think of any things that should be considered or done to ensure electrical safety.



Task of the month for November

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Task for November

Make an electrical safety observation on your worksite.

A safety observation can be an anomaly, a shortcoming, or a potential improvement in electrical safety.

You can also make an observation about something you think is very well done or implemented.



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Great prizes!

All safety observations conducted through Quentic in November will be entered into a prize draw to win a Garmin Dash Cam Mini 2 camera.



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Plan, assess, think, and enjoy the rewards.

Take three steps to eliminate occupational accidents entirely.

A delicious first prize

The three worksites that conduct the most work risk assessments, safety toolbox talks, and safety observations in Quentic in proportion to the number of hours worked will receive ten Raflaamo restaurant vouchers worth EUR 100.

Three rewards every month

A monthly task will be posted on the campaign **website** each month. The participants in the monthly task will be entered into a prize draw to win one of three Garmin Dash Cam Mini 2 cameras. The monthly tasks will be published on the campaign website: The prizes will be sent to the winners at the end of the campaign.

Competition period 1 September–30 November 2024.
POFi shows the rankings of top five worksite.





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