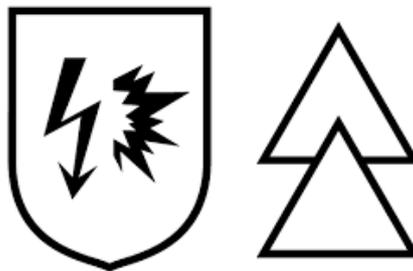


Level requirements regarding protective clothing when performing electrical work at Scania's electrical installations.



The Electrical Safety Act 2016:732 6 §

https://www.riksdagen.se/sv/dokument-lagar/dokument/svensk-forfattningssamling/elsakerhetslag-2016732_sfs-2016-732

The holder's duty regarding electrical installations and electrical equipment:

- 1. The proprietor shall perform continuous checks of electrical installations to fulfil reassuring security against injury on persons and property, and*

Work on or in vicinity of electrical installations shall be performed or is in under the direction of people with such knowledge and skills that reassuring security is provided against personal injury and damage to property.

If additional information is needed, please contact actual person responsible for the electrical installation or nominated person in control of the electrical installation during work activities.

Below follows installation-specific instructions and directions according to ELSÄK-FS 2022:1 Chapter 3 §7

<https://www.elsakerhetsverket.se/en/acts-and-regulations/elsak-fs-2022-1/>

The work activity shall be planned and risk assessed before it begins.

The risk assessment includes decision in which working method (see EN 50110-1 chapter 6) and personal protective equipment to be used.

When working with a risk of arc flash you shall not wear a bra with metal or made in synthetic material.

You shall not wear a wristwatch, rings, bracelets etc., contact lenses or PVC made warning vest and protective glasses.

Consider also if arc flash tested face protection and gloves has to be used.

Work activity on Scania's electrical installations*, the following levels shall be seen as a minimum demands.

Information according to actual short circuit current (Ik) at work location is available on request from actual person responsible for the electrical installation or nominated person in control of the electrical installation during work activities.

1. Work with risk for arc flash.

Full-coverage clothing, arc tested and flame retardant long pants and long sleeves includes undergarments if this is used.

2. Work with high risk for harmful arc flash (Ik value least 10kA).

Full-coverage clothing in two layers (at least on upper body) includes arc tested and flame retardant long pants, long sleeve shirts, T-shirts or jackets.

It also includes undergarments if this is used.

Clothes shall be tested according to EN ISO 11612:2015 and EN 61482-1-2 at least Class 2.

3. Work with high voltage >1000VAC, >1500VDC.



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Full-coverage clothing in two layers (at least on upper body) including arc tested and flame retardant long pants, long sleeve shirts, T-shirts or jackets.

It also includes undergarments if this is used.

Clothes shall be tested according to EN ISO 11612:2015 and EN 61482-1-2 least class 2.

Arc tested helmet with visor shall also be used.

* The Electrical Safety Act 2016:732 2 §

In this Act, electrical installation means an installation for the production, transmission or use of electricity with the special items that are in the installation and that are needed for