**Scope**

Maintenance and repair work on electrical installations.

**What and how?**

**Use the principle of the Vital Five!**

1. **Disconnecting**
2. **Locking**
3. **Measuring**
4. **Earthing and short-circuiting**
5. **Cordoning off**



1. **Disconnecting**

Make sure that the unit that you are working is switched off.  
Ensure that is visible that the unit is switched off.

1. **Locking**

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Make sure that the installation cannot be switched on again:

* Put a notice at the switch or disconnection point prohibiting it from being switched on

or

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* remove the fuse or lock the fuse

1. **Measuring**

* Carry out a voltage test on each conductor forming part of the switched off installation.
  + - The result must each time be 0.
    - Make sure that the measuring appliance is designed for this purpose
    - the operation of the appliance has been tested before use.

1. **Earthing and short-circuiting**

* Earth and short-circuit each conductor in the switched off installation.

1. **Cordoning off**

* Apply isolating plates, cloths or other materials to prevent touching live and exposed parts of other installations.

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| Prepared by: | Operational Assistant | An Cornelis |
| Reviewed by: | Operational Assistant | An Cornelis |
| Approved by: | QHSSE Manager | Patrick De Baere |

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