

The WT itself is adequately protected against damage by comprehensive lightning protection measures. However, persons inside or in the proximity of a WT are still at risk.

- Initially, proceed as in a grid failure
- Leave and lock the WT
- Wait at a safe distance from the WT until the thunderstorm has passed

Do not re-enter the WT until the thunderstorm has passed.

9.3 Fire

DANGER

FALLING TURBINE PARTS



In case of a fire in the nacelle or on the rotor, parts may fall off the wind turbine.

In case of a fire, nobody is permitted within a radius of 500 m from the turbine.



NOTE

The WT is equipped with ABC powder fire extinguishers for fighting incipient fires.

At least one fire extinguisher is located in the tower base near the door and another in the nacelle near the Topbox.

This makes it possible to extinguish burning solids and liquids, as well as fires in electrical systems of up to 1,000 V.

These fire extinguishers are not suitable for extinguishing a fire on the high-voltage elements, see Chapter 9.3.2 "Fire in medium-voltage switchgear or transformer".

9.3.1 Fire in the WT

- Remove any persons from the danger area
- If possible, disconnect the burning object from the grid
- Fight the fire with available means if there is any chance of success
- If the fire cannot be extinguished or if there is no chance of success, call the fire department
- Inform the responsible remote monitoring