

## Risk Assessment

### Renewables



At TÜV NORD, we specialize in providing expert risk assessments tailored specifically to your wind farm projects. Our comprehensive assessments cover critical factors ensuring the safe operation of your wind turbine. Potential hazards are shedding of ice fragments, blade fracture, fire, tower structural failure, etc. Hazard risks are present near e.g. traffic infrastructure, chemical plants, industrial areas, pipelines, power lines or dikes.

We understand the unique challenges posed by wind turbines located in or near industrial areas dealing with dangerous goods. Our risk assessments are specifically tailored to address the potential risks arising from these complex environments.

We evaluate the probability of occurrence and assess the risk as well as recommendations to minimize hazards to surrounding areas.

The analysis includes the identification of risk areas and potential impacts, offering mitigation strategies to safeguard personnel, traffic, infrastructure, and nearby operations.

Our assessments are customized to suit the specific characteristics and challenges of your project. We take into account local regulations, site-specific conditions, and the presence of dangerous goods to deliver tailored solutions.

**TÜV NORD risk assessments are aimed at construction permission procedure and contain:**

- Hazard identification
- Risk analysis and illustration
- Risk assessment
- Concepts for risk reduction

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