

## Fire Awareness for Wind Energy

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**Duration** 60 minutes

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**Target group** Personnel who will be working in the wind industry or related fields, and will carry out their duties in a wind turbine environment, usually in physical contact with a wind turbine or offshore wind structure.  
Personnel that perform job functions that have been risk assessed by their employer or workplace, where training according to one or more modules of the BST standard may mitigate the identified risks.

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**Prerequisites** No prerequisites are required to sit this course.

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**Objective**

- LO1: Identify global and national legislative requirements for fire safety in wind turbine generator environments
- LO2: Explain the types of fire, state of material and the influence of the size of surface
- LO3: Explain the requirements for fire and the fire triangle
- LO4: Explain the contributing factors of fire combustion and spread
- LO5: Identify the various types of fire gases within a WTG
- LO6: Explain WTG contingency plans
- LO7: Explain how to assess a fire
- LO8: Identify the various classes of fire and associated means of suppression
- LO9: Explain how to safely use different extinguisher types
- LO10: Explain the fire hazards and risks in a WTG
- LO11: Explain good practice for fire prevention
- LO12: Describe the fixed systems in place for fire prevention
- LO13: Explain the importance of pre-use inspection of firefighting equipment

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**Contents** This course provides delegates with an overall understanding of fire safety in wind turbine environments. You will learn about relevant health and safety legislation, theory on the nature of fire and how it spreads, along with practical guidance on fire prevention and firefighting equipment.

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**Exam** The assessment is taken during the course and is within the expected duration.