

## 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.