

Fire Awareness for Wind Energy

Duration 60 minutes

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.

Prerequisites No prerequisites are required to sit this course.

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

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.

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