

Human Factors for Wind Energy

Duration 20 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: Define what is meant by the term 'human factors' and how they can affect human performance in the workplace
LO2: Identify the areas of risk associated with human factors
LO3: Describe the potential causes of stress and fatigue and recognise the symptoms in yourself and others
LO4: Explain the importance of competence in human factors
LO5: Summarise the role human factors play in good design
LO6: Summarise how organisational change can impact human factors
LO7: Explain why good communication is essential in managing human factors
LO8: Explain the key steps to mitigating risk associated with human factors

Contents To provide an overview of human factors in the wind industry and the impact these factors can have on the day-to-day situations that occur.

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