

Safe Use of Portable Hand Tools for Wind Energy

Duration 45 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: Discuss the different types of portable hand tools used in the wind energy industry
- LO2: Describe workplace controls for portable hand tools
- LO3: Explain why hand tools can be hazardous
- LO4: Describe the potential hazards of hand tools and why injuries happen
List common injuries associated with hand tools
Describe the potential hazards of hand tools
- LO5: List the basic safety rules for working with hand tools
- LO6: List the PPE required to use hand tools
- LO7: List the three energy sources for portable power tools offshore
- LO8: Explain the pros and cons of each power tool energy source
- LO9: List the potential hazards of portable power tools
- LO11: Describe the safety devices fitted to portable power tools
Describe the safe operation of power tools
Electric
Pneumatic
Hydraulic
Abrasive
- LO12: Explain the prevention of hazards through maintenance
- LO13: List the safety rules for the operation of power tools
- LO14: Explain how operators control risk in relation to power tool operation

Contents

This course provides an awareness of how to safely use portable hand tools. You will learn about the associated legislation and types of tools commonly used in the wind energy industry, looking in detail at both manual and powered hand tools.

You will gain an understanding on the potential hazards and associated injuries, along with practical advice and knowledge on the rules and preventative measures that you should take to reduce risk and operate safely in the workplace.

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