

IOSH Managing Safely for Wind Power - Refresher

Course overview

This online refresher course is developed specifically for those delegates holding the Managing Safely for Wind Power course certificate. It remains the first tailored course for the renewables sector, developed in conjunction with industry experts. Tackling safety health risk from a management decision making perspective, this 14.5 hr program examines the creation and evolution of risk arising from operational, organisational, contractual and other business decisions made by companies operating in the wind power industry.

Developed by **regenerate™**, ARMSA's R&D brand and methodology, this course enables delegates understand the risk consequences of their management decisions through active learning. It also equips delegates with skills and techniques to manage and conduct their work safely and competently through effective decision making.

As a consequence, companies and their people will be equipped to deal with problems and issues in a well informed and competent manner.

Who should attend

It is designed for site owner-operators, OEMs, O&M contractors and civils and BoP contracting companies working in this emerging and high consequence sector.

It is applicable to those who design, develop, construct, operate and manage wind turbines. The matrix below explains how this course will benefit you in your role.

The course is suitable for those working on and off shore.

Course pre-requisites

Delegates who hold a certificate for the full 5-day Managing Safely for Wind Power Programme will be allowed on this refresher course.

Access to an internet enabled computer or mobile device with full audio visual capability is necessary to undertake this program.

This course contains several independent and in-company assignments. Only delegates successfully completing the final assessment will receive an IOSH certificate.

About IOSH

Formed in 1945, the Institute of Occupational Safety and Health (IOSH) has become leader of a profession that has transformed the world of work, making it a safer, healthier place to be. Acting as a champion, adviser, advocate and trainer for health and safety professionals working in organisations of all shapes and sizes, in around 130 countries. IOSH's approved courses provide valuable knowledge, skills and qualifications for members and their colleagues.

For more information about IOSH, visit their website – www.iosh.com

Learning aims

The overall aim of the course is to enable learners recognise the safety, health and business performance consequences of management decision making. It builds on the foundational learning acquired by attending the full 5-day programme.

Designed to influence managers thinking around risk and opportunity and equips delegates with modern methods for managing high risk activities, plant and assets in potentially dangerous and unpredictable environments.

Learning outcomes

On completion of this course, the learner will be able to:

1. Understand current and future developments in the wind power sector and how these influence health and safety risk and business performance.

2. Refresh their knowledge of the importance of managing safely
3. Critically assess the business and personal motivations for safety
4. Assess their leadership maturity and understand the role of leadership in a health and safety management system.
5. Understand the role of decision making as in risk creation and mitigation.
6. Understand the key components and planning considerations in the 'Plan' stage of an Occupational Health and Safety Management System (OHSMS).
7. Explain key components of the 'Do' stage of an OHSMS from a practical work management perspective.
8. Differentiate hazards from organisational and operational precursors.
9. Explain the role and responsibilities of the client in internal and outsourced work supervision.
10. Explain proactive and reactive management techniques contained in the 'Check' stage of a OHSMS.
11. Identify leading operational and organisational KPIs that affect safety and business performance.
12. View continuous improvement from a systems thinking perspective and appreciate the dangers of suboptimal improvements.
13. Describe the key elements of the 'Act' stage of business-centric OHSMS.

Course syllabus

This modular learning program contains the following exciting topics:

Module 1: Thinking Back

- Factors that affect the wind energy industry and their impacts on wind energy businesses.
- The moral, legal and financial reasons for managing safely.
- Business and personal motivators for managing safely.

Module 2: Leadership

- What is leadership and why is it an essential part of managing safely.
- What is the role of leadership in organisational and operational decision making.
- Practical examples of putting operational leadership into practice.
- National, social and organisational cultures and their impact on safety.

Module 3: Plan

- The influence of business governance, regulation and contracts on risk management.
- What does the planning stage of an OHSMS involve.
- Common reasons why OHSMS's fail.
- The structure of an OHSMS.
- Using reasonably foreseeable and reasonably practicable principles to establish operational control.

Module 4: Do

- The influence of business governance, regulation and contracts on risk management.
- Hazards, and organisational and operational precursors.
- Hazard categories, hazard analysis and synergistic hazards.
- The role of risk assessments in work planning and risk reduction.
- Promoting effective supervision and team leadership.

Module 5: Check

- Differences between supervision and monitoring
- What does the checking stage of an OHSMS involve.
- Characteristics of good key performance indicators.
- Reasons for investigating incidents with practical examples.
- Auditing and inspections: differences, scope and depth.

Module 6: Act

- Understanding the difference between continuous improvement and discontinuous

improvement through the systems thinking lens.

- What does the 'Act' stage of an OHSMS involve.
- Organisational learning and its role in continuous improvement.
- Identifying why change initiatives fail and how to proactively prevent failure.
- Applying management of change processes to workplace improvement initiatives.

End of the course assessment

At the end of the course the learner is required to undertake end the course multiple format assessment. The total number of marks available is 42, pass mark is 26 (or 60%). Time available for the assessment is 45 minutes.

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