Hótel Natura Reykjavík
7.-8. okt og 6.-7. nóv 2019

Leiðbeinandi: Paul Wheelhouse

Í umsjón Eigna- og viðhaldsstjórnunarfélags Íslands og DMM Lausna ehf.

Námskeið:

Asset and Maintenance Management

With focus on:

Spares, Reliability, Design, Benchmarking, Auditing and Continuous improvement

Fyrirkomulag og verð

Alls 4 dagar í tveimur hlutum

- Hluti 1,
  7. október 2019, 9:00 – 16:30
  8. október 2019, 9:00 – 16:30

- Hluti 2,
  6. nóvember 2018, 9:00 – 16:30
  7. nóvember 2018, 9:00 – 16:30

Verð:

- 210.000 kr. fyrir þá sem koma frá fyrirtækjum sem eru aðilar að EVS/FVSI
- 245.000 kr. fyrir aðra

Hámarksfjöldi þátttakenda: 30 manns

Skráning: Sendið tölvupóst þar sem fram kemur nöfn og netföng þátttakenda

Tungumál: Enska

The course is intended for:

- Asset Managers
- Engineering Managers
- Maintenance Managers, Maintenance Supervisors
- Operations Managers, Operations Supervisors
- Design Managers, Designers

Background

- This workshop follows on from the one in Autumn 2018 which covered how to develop and implement asset and maintenance strategies. This time we will be discussing how to improve the strategies by considering these detailed factors: materials spare parts & logistics; reliability, availability & maintainability; maintenance in design; auditing and finally benchmarking Successful tools and techniques which have been used across a wide range of different industrial sectors around the world will be highlighted.

- The workshop will be practical in nature with full use being made of case studies, exercises, discussions and assignments. Hard and soft copy materials will be provided including software templates for attendees to use in their future work. A free copy of the best-selling book “Excellence in Plant Engineering” will also be provided.

- For the convenience of busy attendees, the workshop will be delivered in two parts, approximately one month apart. This will enable attendees to gain experience in applying the techniques and then discuss their findings.

Objectives

- Introduce the factors which have to be considered for logistics and spare parts management
- Discuss the key concepts of reliability, availability & maintainability with the minimum amount of mathematics
- Show how maintenance in design can increase profits
- Provide assessment frameworks for asset management and maintenance which delegates can apply in their organisations
- Discuss how to apply benchmarking successfully and avoid the potential pitfalls
- Explain how to set up robust continuous improvement mechanisms

Course Content, part 1

Materials, Spare Parts & Logistics	Reliability, Availability & Maintainability
The military logistics model	Drivers for lean manufacturing
Balancing downtime risk & cost	Controlling plant reliability
Supply partnerships	Assessing reliability, availability & maintainability
Strategies to reduce inventories	Basic reliability building blocks
Triggers to review stock levels	Single points of failure
Stock review process	Basic maintainability building blocks
Substituting information for inventory	Setting priorities
Booking parts to equipment	Modelling software examples
Software templates	Getting return from improved performance

Assignment 1: Review the spare parts requirements for a piece of critical equipment

Course Content, part 2

Maintenance in Design & Asset Management	Auditing, Benchmarking & Continuous Improvement
Capturing an early input from operations & maintenance	Auditing for performance improvement
Separating cost and value	Effective benchmarking
Correct targets for the design group	The improvement process
Design review process	Management framework
Equipment handover process	Supporting IT systems
Early equipment management	Useful improvement tools
Sustainability & asset management	Data analysis case study
Features of effective asset management	Change management
ISO 55000 & asset management	Knowledge management

Assignment 2: Carry out a maintenance audit of your facilities

About Paul Wheelhouse

- Paul Wheelhouse worked in the specialty chemicals business for 18 years where he was responsible for Pan-European engineering and production organisations. A large part of his time was devoted to enhancing the performance of plant, work processes and the functioning of groups

- For the past 23 years Paul has been engaged in consulting & training. This has involved identifying solutions for clients to enhance their return on assets through improved equipment reliability, reduced working capital and effective use of resources. His assignments have been across a range of industries located in Europe, Middle East, North America and the Far East

- Paul also lectures a visiting lecturer at Manchester University where he lectures on strategy, organisation & auditing for the Asset Management and Reliability Engineering MSc. He is a former council member for the Institute of Asset Management in the UK.