

HSL: Pressure Systems Awareness – Buxton, 12 Oct 2017

[Book Course](#)

HSL is to run a 1 day course on Pressure Systems Awareness.

12 October 2017

Pressure systems have been synonymous with industry since the age of steam. Today it is almost impossible to name an industry sector that does not make substantial use of pressure systems in some way or other. From tyre inflators through refrigerators to full blown industrial processes, pressure systems have become as indispensable to industry as the electricity that powers them.

This informative and experiential course is aimed at raising awareness of the hazards associated with pressure systems as well as the relevant regulatory frame work. This course will offer delegates the unique opportunity to learn from real life case studies and forensic investigations into pressure systems failures, providing a first hand perspective of what can go wrong and why.

Delegates will also benefit from a substantial afternoon session with the HSE Inspector responsible for the current revision of the Safety of Pressure Systems Regulations, during in which delegates will be able to discuss both general and specific issues directly with the regulator in an open forum setting.

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- Pressure, the basics



- Case studies from real life incident investigations
- What constitutes a pressure system
- What are the relevant regulations
- What are my regulatory obligations
- Appreciation of common hazards associated with pressure systems
- Common methods of risk mitigation
- Open discussion forum

On completion of this course delegates will be able to identify pressure systems in the workplace and understand which legal requirements apply to this equipment. Delegates will develop a firm understanding of the nature and significance of common risks associated with pressure systems, who has duties under the regulations and current risk mitigation strategies.

This one day course can also be delivered at HSL as an in-company course. If you are interested in this and have a number of people to train please email training@hsl.gsi.gov.uk for a quote.

This entry level open course is aimed at employers and employees from all sectors of industry that would like to develop an improved understanding of pressure systems and their associated risks and your regulatory responsibilities.

The course will be run at the Health & Safety Laboratory in the spa town of Buxton. Buxton is in the heart of the Peak District and has good links to mainline train stations and Manchester International Airport.

Details of hotels in the Buxton area can be found at www.visitbuxton.co.uk

Cost

The cost of this course is £495 per person (includes course notes, lunch and refreshments).

[Book Course](#)

Please note the invoice option is not available within 4 weeks of the course date, or for overseas customers. If you are selecting the invoice option for payment, it will be mandatory to input a purchase order/reference number as we are unable to process booking forms without this.

For further dates and additional information email: training@hsl.gsi.gov.uk or contact the Training & Conferences Unit at HSL directly on +44 (0)1298 218806.

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[HSL: Stair Assessment – Buxton, 5 July 2017](#)

This course will help you understand the design features of stairs which can give rise to a risk of falling, and identify simple remedial improvements to reduce the likelihood of a fall.

[HSL: Principles of Incident Investigation and Failure Analysis – 6 July 2017](#)

[Book Course](#)

HSL is to run a 1 day course on Principles of Incident Investigation and Failure Analysis.

6 July 2017

Introduction

The ability to carry out a detailed and accurate mechanical failure analysis is a key skill for many sectors of industry particularly engineering, manufacturing and research and development. From costly delays in production due to the failure of vital plant or tooling through to catastrophic failures with potential insurance and safety implications; all require the application of scientific analytical methods of inquiry.

HSL are offering a unique opportunity to engage directly with our incident investigation professionals and take full advantage of our decades of failure analysis experience. This course is aimed at individuals or companies that maintain, contract or are seeking to develop failure analysis capability. While the course will focus primarily on the investigation of mechanical and engineering failures, many of the principles covered will be directly transferable to investigations of any type. The course will explain the common strategies and tactics of the failure analysis process from the initial response through to presenting your findings.

The course will address the following areas:

- Roles and responsibilities

- Strategy and tactics of incident investigation and failure analysis
- Initial Inspection
- Identification and collection of evidence
- Record and note keeping
- Common failure mechanisms
- Establishing cause and contributory factors
- Engaging scientific support
- Presenting your findings

Who should attend

This entry level course would be most useful for H&S managers, insurance professionals, design and process engineers and other professionals seeking to better understand the forensic, scientific and analytical process.

Venue

The course will be run at the HSL laboratory in the spa town of Buxton. Buxton is in the heart of the Peak District and has good links to mainline train stations and Manchester International Airport.

Details of hotels in the Buxton area can be found at www.visitbuxton.co.uk

Cost

The cost of this course is £600 per person (includes course notes, certificate of attendance and lunch/refreshments).

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HSL: Upper Limb Disorders Risk Assessment of Repetitive Tasks – Buxton, 13 July 2017

[Book Course](#)

HSL is to run a 1 day course on Upper Limb Disorders Risk Assessment of Repetitive Tasks.

13 July 2017

Introduction

Musculoskeletal Disorders (MSDs) are the most common occupational illness in Britain affecting over 500,000 people a year. Nearly half of these illnesses are joint injuries and repetitive strain injuries of various sorts affecting the upper limbs.

To support employers, health and safety professionals and inspectors with risk assessing repetitive work, the Health and Safety Laboratory and Health and Safety Executive have developed the Assessment of Repetitive Tasks (ART) tool. Launched in Spring 2010, the ART tool is used to assess the frequent handling of light loads or other repetitive tasks that can contribute to upper limb disorders (ULDs).

This course will equip you with the knowledge to use the ART tool to help recognise, assess, and reduce upper limb disorder risks in your organisation. It will benefit those already involved in workplace MSD risk management (e.g. manual handling risk assessments) who wish to expand their knowledge on the topic of upper limb disorders.

What will the course cover?

- Common ULDs and their development
- Key ULD risk factors
- ULD risk management (including legal duties)
- ULD risk assessment using the ART tool
- Practise using the ART tool with case studies
- ULD risk controls

Who should attend?

Employers and their representatives who wish to undertake or improve ULD risk assessment and control within their organisation

Health and safety or occupational health professionals who wish to learn about the ART tool, or further their abilities in this area.

The course is targeted at organisations that carry out some manual production, processing, packaging, packing, and sorting activities. The course will not cover assessment of Display Screen Equipment (DSE)

Previous experience of manual handling risk assessment is beneficial but not required.

Venue

The course will be run at the HSL laboratory in the spa town of Buxton. Buxton is in the heart of the Peak District and has good links to mainline train stations and Manchester International Airport.

Details of hotels in the Buxton area can be found at www.visitbuxton.co.uk

Cost

The cost of this course is £450 per person (includes course notes, lunch and refreshments).

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[HSL: Site and Transport Safety – Birmingham, 12 July 2017](#)

[Book Course](#)

HSL is to run a 1 day course on Manual Handling for Assessors.

12 July 2017

Introduction

Manual handling is one of the main causes of musculoskeletal disorders (MSD), which are the second most common occupational injuries within the UK and make

up nearly half of all work-related ill health seen by general practitioners (GPs) are MSD related. The most recent HSE statistics on MSDs show a 20% increase in MSDs with **184,000** new cases (2013/14), around 80 per cent of which are attributable to work conditions.

Prevention and control of work-related musculoskeletal disorders (MSD) is a major priority and as such HSE have published a simple but effective risk assessment method called the MAC tool. This enables risk identification of key manual handling risk factors so that these can be eliminated or managed in the most cost effective way.

This course will equip you with the knowledge to help recognise, assess and reduce manual handling risks in your organisation. It is suited to employers and employee representatives who intend to begin the process of manual handling risk assessment and control within their companies. It will also benefit those already involved in manual handling risk reduction who require more formal or in-depth training in this subject, including training in the use of specific manual handling assessment tools.

The course will cover:

- Principles of manual handling
- Understanding injuries
- Common types of injuries
- Legal aspects
- Key risk factors
- Manual handling risk assessment (MAC and L23)
- Pushing and pulling
- Control and reduction of risk
- Key principles of good handling techniques
- Case studies

Presenters include:

- Matthew Birtles, HSL – Ergonomics specialist in MSDs

Venue

The course will be run at the HSL laboratory in the spa town of Buxton. Buxton is in the heart of the Peak District and has good links to mainline train stations and Manchester International Airport.

Details of hotels in the Buxton area can be found at www.visitbuxton.co.uk

Cost

The cost of this course is £450 per person (includes course notes, lunch and refreshments).

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