



HTM

Authorising Services

**Dedicated
Training
for the
Healthcare
industry.**

**See our Range of
Training Programs
Inside.**





What can we offer you?

**Medical Gas Pipeline Systems
– Authorising Engineer services.**

Medical Gas Pipeline System Design.

Compliance Audit.

**Medical Gas Pipeline Systems
– Authorised Person services.**

Pipeline Drawing updates.

What can we offer you?

Industry Experience

With over 35 years of experience in the healthcare industry, HTMAS Ltd is dedicated to providing specialised knowledge and support for medical gas systems (HTM02-01).

Our team is committed to building strong client relationships and offering industry-leading expertise in medical gas consultancy, compliance auditing, operational management, Cadex drawings, and training & development.

ISO 9001

HTMAS Ltd operates under its ISO 9001 Quality Assurance scheme to ensure that its methodologies and processes are exemplary.

HTMAS Ltd ensures that all staff are trained to the highest level and managed through our dedicated training division.

HTMAS Ltd ensures that all equipment used is of the highest quality and that its staff are fully proficient in its operation.

Most important are our customer relations and communication, including the prompt return of all reports and 24/7 access to both AE's and AP's.

Benefits of our training.

Industry Leading Experience

- Our team of experienced trainers have worked up and down the UK in various roles focusing on the safety of Medical Gases.

Bespoke Classes

- There is no one-size-fits-all solution in healthcare, and our ability to provide bespoke services is one of the many reasons we are a leading supplier of Medical Gas training.

Hands on Based Learning

- All of our courses include practical-based learning, as we believe it is just as important to understand how things work as it is to know why.

Flexibility to Suit You

Our flexibility and commitment to meeting your requirements—while minimizing costs and delivering exceptional knowledge and practical understanding—set us apart from the rest. Whether it's:

- Out-of-hours work,
- Small sessions (up to 6 delegates),
- Large sessions (up to room requirement), or
- Accommodating shift patterns

we ensure the highest level of service.

We are fully focused on supporting your needs and working around you.

For more information contact us on:

Email: chris@htmas.co.uk **Phone:** 07384460446 **Web:** www.htmas.co.uk

Designated Porters.

Who is the training for?

Healthcare individuals who encounter Medical Gas cylinders. This could be by transporting patients connected to the cylinders, or connecting the cylinders to a manifold.

Aims and Objectives

To provide individuals with the relevant HSE and HTM 02-01 knowledge and skills related to their role in keeping both patients and workers safe.

By the end of the course you will be able to:

1. Identify a range of different medical gases and their associated hazards and the necessary precautions.
2. Identify different types of medical gases by the relevant standard and their uses.
3. Carry out safe manual handling of multiple sizes of cylinders.
4. Correctly and safely utilise medical gas cylinders including connection of patient equipment and the changing of cylinders on manifolds.
5. Understand the procedures in the event of an emergency. Understanding of the alarms installed and how to respond correctly to them.

Location of Training

Training will be undertaken on your healthcare site, at a time best suited to you, so that we can practically assess individuals on the equipment they are going to use.



"The practical approach to training really helped our members of staff understand manifold changes and the safety requirements"

Nottingham Queens Medical Centre.

"This training has been thoroughly enjoyable and helpful for our facilities department. I would definitely give it a 10/10"

King George Hospital.

"Practically being able to change our 2nd fix outlets on a system that is separate from the patients really did give our engineers the opportunity to safely learn how to change them"

North Tyneside General Hospital.

Repairing Medical Gas Terminal Units.

Who is the training for?

Estates members of staff that require familiarization with the process of changing a wide range of second-fix outlets, currently installed in healthcare facilities.

Aims and Objectives

To provide individuals with the knowledge and practical ability to change medical gas second fix outlets on site immediately ensuring safety for both patient and employer.

By the end of the course you will be able to:

1. Understand the hazards and properties of medical gases.
2. Understand the theory as to why we change 2nd fix outlets immediately.
3. Practically be able to change all types of 2nd fix outlets on site.
4. Understand the permit to work and the level of hazard associated with changing a 2nd fix outlet.
5. Improve knowledge base requirements on 2nd fix maintenance to highlight the issues.

Location of Training

Training will be undertaken on your healthcare site, at a time best suited to you so that we can practically assess individuals on the equipment they are going to use, a permit to work may need to be issued.



Compressed Gas Safety Training.

Who is the training for?

Individuals who come into contact with compressed gases and are unaware of the risks, hazards and the statutory requirements for compressed gas.

Aims and Objectives

To provide individuals with the knowledge and understanding of the statutory requirements of compressed gases and help personnel understand the risks associated with them.

By the end of the course you will be able to:

1. Identify different compressed gases within industries.
2. Identify cylinders by colour, and labelling.
3. Identify different valves within the industry.
4. Identify a typical manifold station within the industry and have an understanding of its components.
5. Understand the importance of maintenance on your compressed gas systems.
6. Understand the different legislations and guidance that are associated with compressed gases.
6. Safely connect and disconnect cylinders from manifold stations.

Location of Training

Training will be undertaken on your healthcare site, at a time best suited to you, so that we can practically assess individuals on the equipment they are going to use.



Cryogenics Safety Training.

Who is the training for?

Healthcare individuals who come into contact with cryogenic liquids on their site and the need for safety when transporting, storing and decanting the cryogenic liquids.

Aims and Objectives

To provide individuals with the relevant knowledge and understanding of a cryogenic system in line with the correct documentation and guidance.

By the end of the course you will be able to:

1. Identify a range of different cryogenic medical gases and their associated hazards and the necessary precautions.
2. The safety requirements for transporting cryogenic liquids on site.
3. The safety requirements for storing of cryogenics on site.
4. The safe procedure for decanting of cryogenic liquids on site.
5. The need for PPE for cryogenics.
6. The need for the correct maintenance and inspection of the vessels.
7. A practical session on the correct way to decant and transport cryogenics.

Location of Training

Training will be undertaken on your healthcare site, at a time best suited to you, so that we can practically assess individuals on the equipment they are going to use.

Medical Gas Safety Training.

Who is the training for?

Any healthcare individual who comes in contact with medical gases.

Aims and Objectives

To provide individuals with the relevant knowledge and understanding of medical gases and the associated hazards and precautions we need to take, to meet minimum safety requirements.

By the end of the course you will be able to:

1. Identify the effects that medical oxygen can have.
2. Understand how medical oxygen gets provided as a source of supply on your site.
3. The safety requirements for your medical oxygen cylinders.
4. The need for constant monitoring of medical oxygen on your site.
5. The connection of medical equipment to your cylinders.

Location of Training

Training will be undertaken on your healthcare site, at a time best suited to you, so that we can practically assess individuals on the equipment they are going to use.



Clinical User Training.

Who is the training for?

Healthcare individuals who come in contact with medical gases and who prescribe them to the patient.

Aims and Objectives

To provide individuals with the relevant HSE and HTM 02-01 knowledge and skills related to their role in keeping both patients and workers safe.

By the end of the course you will be able to:

1. Identify a range of different medical gases and their associated hazards and the necessary precautions.
2. Identify different types of medical gases by the relevant standard and their uses.
3. Carry out safe manual handling of multiple sizes of cylinders.
4. Correctly and safely utilize medical gas cylinders including connection of patient equipment and the changing of cylinders on manifolds.
5. Understand the procedures in the event of an emergency. Understanding of the alarms installed and how to respond correctly to them.

Location of Training

Training will be undertaken on your healthcare site, at a time best suited to you, so that we can practically assess individuals on the equipment they are going to use.

Designated Nursing/Medical Officer.

Who is the training for?

Healthcare individuals form a clinical background that find themselves responsible for the management and emergency responses of medical gases when connected to patients.

Aims and Objectives

To provide individuals with the relevant knowledge and understanding of medical gases in the event of an emergency and understanding the relevant documentation that is part of a medical gas system.

By the end of the course you will be able to:

1. Identify a range of different medical gases and their associated hazards and the necessary precautions.
2. Identify different types of medical gases by the relevant standard and their uses.
3. Carry out safe manual handling of multiple sizes of cylinders.
4. Correctly and safely utilize medical gas cylinders including connection of patient equipment.
5. Understand the need for daily checks on the system.
6. Understanding the permit to work.
7. Understanding what to do in the event of emergencies.

Location of Training

Training will be undertaken on your healthcare site, at a time best suited to you, so that we can practically assess individuals on the equipment they are going to use.



Pathology Gases Safety Training.

Who is the training for?

Healthcare individuals who encounter Pathology Gas cylinders. This could be by transporting patients connected to the cylinders or connecting the cylinders to a distribution system.

Aims and Objectives

To provide individuals with the knowledge and practical ability to change medical gas second fix outlets on site immediately ensuring safety for both patient and employer.

By the end of the course you will be able to:

1. Identify a range of different medical gases and their associated hazards and the necessary precautions.
2. Identify different types of pathology gases by the relevant standard and their uses.
3. Carry out safe manual handling of multiple sizes of cylinders.
4. Correctly and safely utilise medical gas cylinders including connection of patient equipment and the changing of cylinders on manifolds.
5. Understand the procedures in the event of an emergency. Understanding of the alarms installed and how to respond correctly to them.

Location of Training

Training will be undertaken on your healthcare site, at a time best suited to you, so that we can practically assess individuals on the equipment they are going to use.



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