

# HETA

Engineering The Future

## The Employers Guide: Engineering Upskilling

**HETA** are  
proud to  
work  
with **over 400**  
businesses

We are the largest specialist engineering training provider in the Humber region.



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### Contact Us:


 training@heta.co.uk  01482 826635

### Connect with us on Social Media:

 HETA

 @HETA1967

 @HETA1967

 Humberside Engineering Training Association



### Hull (Head Office)

27-31 Dansom Lane South, Hull, HU8 7LA



### Grimsby

Pioneer Business Park N Newton Way, Grimsby, DN41 8FJ



### Scunthorpe

Ram Boulevard Foxhills Industrial Estate, Scunthorpe, DN15 8OW



Look out for the locations icons on our course pages indicating which centre the course is available at.



# A Welcome from our Chief Executive

Since opening its doors in 1967, Humberside Engineering Training Association (HETA) has always taken enthusiastic and highly motivated young people and trained them to be engineers for a range of companies across the region as well as delivering training solutions designed to upskill and retrain professionals within the engineering sector.

Our expertise centres around an ability to understand the needs of your business and to be able to design and deliver a training solution to meet your needs. More than that, we understand what it takes to deliver training that makes a positive impact.

Our apprenticeship programme offers a comprehensive recruitment process in which our candidates demonstrate a high level of commitment, dedication and passion for engineering.

Our service also gives you the opportunity to train your staff beyond the apprenticeship standard into higher education and onto a degree programme, as well as industry recognised competency qualifications.

I hope that you find this guide useful in understanding what HETA can do for your business. We look forward to working with you soon.



Iain Elliott  
Chief Executive



“We understand what it takes to deliver training that makes a positive impact”

# Our Story

**HETA is a not-for-profit charity 'Group Training Association' which delivers apprenticeships as well as both standard and bespoke upskilling training courses. The organisation was established over 50 years ago, in 1967 by a group of local companies who knew it was essential to bridge the gap between industry and education.**

HETA provides accredited, industry-recognised training to an advanced level delivered by highly experienced staff and we have been playing a key role in developing and transforming workforces in the Humber region and beyond.

We are a trusted training provider with an exceptional track record, delivering solutions across a range of sectors. We work with an extensive list of companies, from sole traders to multi-nationals. Many of which are international household names. We provide a platform for many to progress their careers in engineering, manufacturing and other industries.

Our programmes are unique, specific to engineering and taught in industry standard workshops. This environment provides hands-on learning, allowing learners to acquire practical skills for use in real life and industrial working environments.

We work extremely hard to create the right environment for our students and course delegates to flourish. Our instructors all have experience of working in industry and teach all students to take ownership of their learning and responsibility for their actions as an engineer working in the industry.

**Keep us to date with us as our story continues to develop by subscribing to our newsletter:**





We work with an extensive range of businesses, from sole traders to mutli-nationals

# Working With Us

**We make it our business to know your business; to identify your requirements and design a unique training plan to develop your workforce.**

Our strategy is to immerse ourselves in your business and properly partner your company, get to know your culture and values, in order to truly understand your team and business needs.

We are constantly challenging the training norm; at HETA we believe in a collaboration culture where we get to know your business, the people, products and your strategies. This way we can deliver meaningful training programmes that are as unique as your business, an approach with proven results.

We can tailor our courses to meet your requirements and offer support and guidance throughout our work with you. We care about your staff and we care about your business.

Across the whole organisation, we have a great team of talented individuals, all of whom bring different skills and personalities to the HETA team.

# Our Locations

## Hull

27-31 Dansom Lane  
HU8 7LA

✉ [admin@heta.co.uk](mailto:admin@heta.co.uk)

☎ 01482 826635

## Grimsby

Pioneer Business Park  
Newton Way  
Grimsby  
DN41 8FJ

✉ [admin@heta.co.uk](mailto:admin@heta.co.uk)

☎ 01469 420770

## Scunthorpe

Ram Boulevard  
DN15 8QW

✉ [admin@heta.co.uk](mailto:admin@heta.co.uk)

☎ 03303 331501

**NEW**  
**£5.5m**  
**Training**  
**Centre**

HETA boasts three sites across the Humber region, our Head Office in Hull and two Southbank locations, Grimsby and Scunthorpe respectively.

Our location and connectivity is key to our success and relationships with companies. Not only do we face Northern Europe, we are in the centre of the UK just 200 miles from London, Edinburgh and Rotterdam, 100 miles from Manchester and less than an hour from Leeds, York, Lincoln and Sheffield. There are good road and rail connections to most major cities and easy access to Europe and beyond through the ports and airport.

Our facilities will provide high calibre training for apprentices, plus upskilling opportunities to the growing number of national and international companies investing in the Humber region.

# Our Team

Our team is composed of individuals with an abundance of experience in assisting businesses across the Yorkshire, the Humber and beyond to find appropriate, timely and high quality training.

Collectively, this means that we are well equipped to identify suitable training solutions for your workforce across all levels of our training delivery. From recruiting new talent as part of our apprenticeship programmes to developing skills within your existing workforce as part of our higher national or upskilling programmes, you can be confident that our team is on hand to support you in ensuring that your business is equipped with the right people, skills and succession plans to tackle and overcome the current skills shortage.

To find out more about our training solutions, contact our team today:

 [training@heta.co.uk](mailto:training@heta.co.uk)

 01482 826635

You can also visit our website:



# Key Contacts



## Helen Larkin

Area: West Hull, Selby & York  
Email: [helen.larkin@heta.co.uk](mailto:helen.larkin@heta.co.uk)  
Phone: 01482 372673  
Mobile: 07946 495559



## Charlotte Hogben

Area: East Hull & Holderness  
Email: [charlotte.hogben@heta.co.uk](mailto:charlotte.hogben@heta.co.uk)  
Phone: 01482 372677  
Mobile: 07572 710617



## Mick Wigglesworth

Area: North East Lincolnshire  
Email: [michael.wigglesworth@heta.co.uk](mailto:michael.wigglesworth@heta.co.uk)  
Phone: 01469 420773  
Mobile: 07484 072062



## Adam Wilson

Area: North Lincolnshire  
Email: [adam.wilson@heta.co.uk](mailto:adam.wilson@heta.co.uk)  
Phone: 03303 331505  
Mobile: 07710 707172

For any administration support, please contact:



## Lucy Barker

Sales Administrator  
Email: [lucy.barker@heta.co.uk](mailto:lucy.barker@heta.co.uk)  
Phone: 01482 826635

# Upskilling Training Courses



## Health & Safety Courses

### IOSH Managing Safely

Course Locations:



This training programme is designed for any individual who has organisational responsibilities for managing health and safety risks, resources and workplace practices.

Once complete, it provides an excellent foundation for further study for those looking to pursue a career in health and safety and gain qualifications accredited by the National Examination Board in Occupational Safety and Health (NEBOSH).




### IOSH Working Safely

Course Locations:



IOSH have developed the 'Working Safely' 1-day course for people at any level, in any sector, needing a grounding in the essentials of health and safety. The training course covers all of the health and safety basics, plus environmental issues.



 The IOSH certificates does not have an expiry date, however IOSH do recommend that you take a refresher course every three years to keep your knowledge up to date.

### Key:



Practical Assessment



Online Assessment



Written Assessment



## Key:



Practical  
Assessment



Online  
Assessment



Written  
Assessment



**100%**  
pass rate  
for **CCNSG** Safety  
Passport\*

\*As of May 2023

## CCNSG Safety Passport

### Course Locations:



This health and safety training course, approved by the ECITB aims to provide contractor personnel with the safety skills and knowledge to use safe working practices on clients' sites. The CCNSG safety passport is required in order to get on the various participating companies throughout the country.

All delegates are examined on a multiple-choice test paper and subject to achieving a pass, will be awarded a 'CCNSG Safety Passport' card that needs renewing every 3 years. All supervisory personnel are required to attend for a further day for additional training and discussion.



CCNSG

## CCNSG Safety Passport Renewal

### Course Locations:



The 1-day CCNSG Safety Passport Renewal course is a nationally recognised qualification for delegates who have a current Safety Passport which is about to expire. The course will bring delegates up to date with present legislation.



CCNSG

Both our CCNSG Safety Passport and CCNSG Safety Passport Renewal courses are also approved by ECITB

**EC  
ITB**  
APPROVED  
PROVIDER



Delegates will be required to renew their CCNSG card 3 months before it's expiry date to ensure their knowledge is up to date.



# Mechanical Courses

## Basic Mechanical Maintenance

Course Locations:



This course provides personnel with the necessary skills to perform mechanical maintenance, including the removal and replacement of equipment (pumps, gearboxes, motors and power transmission systems) and identification and rectification of bearing faults within these systems. This course also includes an introduction to hydraulics and pneumatics.

5 Days



Approved

## Fluid Air Appreciation-Pneumatics

Course Locations:



This course will provide delegates with an understanding of safety principles when working with pneumatic fluid power circuits. The basic principles of operation of pneumatic fluid power circuits. Identifying different types of Directional Control Valves (DCVs). The basic principles of operation and construction of Spool-type DCVs. The basic principle of operation and construction of pneumatic cylinders connected to DCVs. Applying basic fault-finding techniques to DCVs and cylinders.

1 Day

## Fluid Air Appreciation-Hydraulics

Course Locations:



This course will provide delegates with an understanding of safety principles when working with hydraulic fluid power circuits. The basic principles of operation of hydraulic fluid power circuits and identifying different types of Directional Control Valves (DCVs). The basic principles of operation and construction of Spool-type DCVs. The basic principle of operation and construction of hydraulic cylinders connected to DCVs. Applying basic fault-finding techniques to DCVs and cylinders.

1 Day



# ⚡ Electrical Courses



**98%**

pass rate for **City & Guilds** 18th Edition Course\*

\*As of May 2023

## City & Guilds 18th Edition- Requirements for Electrical Installations (2382)

Course Locations:



This course will enable you to gain familiarity with the layout, content and application of BS 7671:2018 - 18th Edition Regulations. This Certificate ensures you are up-to-date with the latest industry regulations on wiring and the safe use and operation of electrical equipment and systems. This course is entirely theory based and is completed by way of an online multiple choice open book exam.



**City & Guilds**  
Approved Centre

## City & Guilds Inspection & Testing- Initial and Periodic Electrical Inspection and Testing (2391-52)

Course Locations:



This course is aimed at practising electricians who have experience in Inspection and Testing and wish to gain the relevant formal qualifications. This qualification helps delegates to further their knowledge and practical skills required to professionally install and carry out initial verification and periodic inspection and testing on electrical installations.

In addition to on-site experience of inspection and testing, delegates should have a basic knowledge and understanding of electrical science and principles and experience of electrical installation work.



Half-day assessment after the course will need to be arranged.



**City & Guilds**  
Approved Centre

**Key:**



Practical Assessment



Online Assessment



Written Assessment

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## City & Guilds In-service Inspection & Testing of Electrical Equipment (2377-77)

Course Locations:



A qualification for those with electrical knowledge, such as practicing electricians, who want to expand their career in to the In Service Inspection and Testing of Electrical Equipment sector; colloquially referred to as PAT Testing. If you already work as an electrician it will add another string to your bow and can help you move up in the industry. Increasingly being used by companies to bring PAT Testing in house, by upskilling their existing electrical staff.

There is an assumption by City & Guilds that those sitting this course will have electrical knowledge, and the exam reflects this. Please note however, this does not cover in house inspection and testing of equipment or appliances that are used for commercial gain hire purposes or medical equipment.

3 Days



**City & Guilds**  
Approved Centre



**Key:**



Practical  
Assessment



Online  
Assessment



Written  
Assessment

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## CompEx Course (EX01-EX04)

### Course Locations:



The CompEx EX01-EX04 is an accredited scheme that involves competence-based training and assessment for electrical and instrumentation technicians who are working in environments with the potential risk of explosive atmospheres.

Potentially explosive environments include onshore and offshore oil and gas installations and petrochemical plants. The underpinning knowledge and practical assessment in a CompEx course is provided for electrotechnical personnel who undertake the physical installation and assembly of new 'Ex' equipment and perform preventative maintenance and inspections on previously installed equipment.

The course is based on DSEAR, European ATEX Directives and international standards, including IEC60079 Parts 14 & 17.



**CompEx**<sup>®</sup>

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## CompEx Recognised Practitioner Programme

### Course Locations:



The refresher course is required for candidates every 5 years after completion of the 5 day CompEx course. It aims to deliver competence-based training and assessment in the use of electrical apparatus in potentially hazardous, flammable and explosive atmospheres. On completion of the assessments, these are sent to the awarding body for marking, and if successful the candidates shall be issued with a CompEx Ex01-Ex04 Refresher Certificate of Core Competency.



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**CompEx**<sup>®</sup>

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## Basic Electrical Maintenance

### Course Locations:



This course is designed to provide the delegate with an appreciation of basic electrical maintenance to enable them to safely undertake tasks for which they have received training, thus enabling them to perform minor tasks which would normally require an electrician. The course aims to support those with limited or no experience with electrical circuits and components. On completion of the course, delegates will receive a certificate of achievement from ECITB.



**EC  
ITB**  
APPROVED  
PROVIDER



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## Key:



Practical  
Assessment



Online  
Assessment



Written  
Assessment

# High Voltage

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## The Safe Operation of High Voltage Electrical Switchgear (Full High Voltage Authorisation) (S4)

Course Locations:

H

The S4 course provides an understanding of industrial high and low voltage power systems including safe operation on a wide range of power equipment. It enables candidates to perform advanced HV switching operations on industrial HV networks up to and including 15kV. This prepares them for HV authorisation in accordance with their company's safety rules/regulations. It includes both classroom theory and practical exercises.

Upon successful completion, candidates will be assessed to a competency level suitable for switching and issuing documents for work on all types of circuit and receive an EAL Certificate of Achievement recognising competence up to and including 15KV.

5 Days



Approved

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## Refresher Training in the Safe Operation of Electrical Switchgear (Full High Voltage Authorisation) (S5)

Course Locations:

H

The S5 course is designed to refresh the candidates' knowledge and skills relating to safe practices and legislation applicable to high voltage power systems. It enables candidates to perform advanced HV switching operations on industrial HV networks up to and including 15kV. It includes both classroom theory and practical exercises.

3 Days



Approved

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Key:



Practical Assessment



Online Assessment



Written Assessment

## Practical Introduction to the Safe Operation of Electrical Switchgear (S9)

Course Locations:



This course is designed specifically for individuals with little or no previous experience in high voltage switching. It focuses on the practical element of switching and is predominately workshop-based. This course may be undertaken as a precursor to the S4 or MAR4/OS4 full authorisation courses. Personnel who require hands-on experience of switching and issuing of safety documents on high and low voltage power systems up to and including 15kV, prior to undertaking future authorisation courses should attend this course.

The course aims to enable delegates to familiarise themselves with operational protocols and potential physical constraints associated with high voltage power systems, prior to receiving full authorisation training such as our S4 or MAR4/OS4 courses.

3 Days



Approved



“ [It is] Eye opening how much learning can be done here. Fantastic set up. The instructor was fantastic and helpful with every task, good fun to learn from him. ”

Key:



Practical Assessment



Online Assessment



Written Assessment

## Key:



Practical  
Assessment



Online  
Assessment



Written  
Assessment



# Fabrication & Welding

## Introduction to Fabrication & Welding

### Course Locations:



This course will give an overview of TIG, MIG, Thermal Cutting and Plating. The course has been developed by our TWI Approved Welding Assessor to give a detailed introduction to Fabrication & Welding. The aim of the course is to introduce basic welding and fabrication applications and techniques in a number of different processes.

The Introduction to Fabrication & Welding Course is a 5 day course which includes the following 4 units- TIG (1 day), MIG (1 day), Thermal Cutting (1 day) and Plating (2 days).



\* TWI BS 4872 certificate can be achieved as part of this course

## Bespoke Welding

### Course Locations:



We tailor our training to each individual delegates/companies unique requirements. Initially, we ask the delegates to attend a 2 hour assessment at a HETA Training Centre. This allows the Instructor to determine what level the delegate is currently working at, and helps them devise a training plan to enable the delegate to reach their desired standard.





Key:



Practical  
Assessment



Online  
Assessment



Written  
Assessment



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## Coded Welding

Course Locations:



HETA are fully accredited as an approved TWI Training Centre, meaning we can perform our own inspections on test pieces.

HETA are accredited to assess Test Pieces for TWI accreditation in BS 4872, BS 9606 and ASME IX. As per our training, the assessments can cover a wide range of processes and materials, and certificates will be issued by the TWI detailing the Coding achieved to prove competence. This upskill course is now fully integrated with our introduction to fabrication and welding course, completely free of charge.



**TWI**

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\* TWI coding certificate included



## Key:



Practical  
Assessment



Online  
Assessment



Written  
Assessment

# Competency Assessments

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Course Locations:



A Competency Assessment is a great way to identify your current employees' capability of performing specific job roles and tasks as well as verifying their skills and expertise. If you are looking to upskill your workforce, it is a beneficial tool to recognise the skills they need to be able to perform a task. If you are looking to recruit, competency assessments is another useful tool identify the right candidate's skillset you are looking for.

HETA have a large bank of tasks, ranging from Electrical, Mechanical, Welding or Machining. These assessments can be either Practical or Theoretical.

The Assessments can take between 30 mins to 2 hours. HETA will create a schedule for the day which will be shared prior to the candidate arriving which will detail a full breakdown of the Assessment Day.

Used as assessment tasks to test ability levels. of any sort of Engineer in roles from Operator to High-End Technical Maintenance Engineers in Oil and Gas or Manufacturing roles. These tests are all observed, recorded and reported on by our experienced team of Instructors who all have years of their experience as Engineers themselves to ensure an accurate assessment is made.

We are always happy to design something that will meet with requirements you are looking for.

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## Key:



Practical  
Assessment



Online  
Assessment



Written  
Assessment

## NVQs

Course Locations:



Looking to upskill your current workforce? Or do you, have skilled staff that now require a qualification? HETA offers Level 2, Level 3 and Level 4 NVQs in engineering. This gives your current workforce an opportunity to formalise the skills and training they have received 'in house' by enrolling them on an NVQ. It can be achieved with minimal loss or disruption to work as it is a work based learning (WBL) qualification. There is no requirement to visit a training centre in order to achieve it.

The people best suited to enrol on a NVQ will already be performing a maintenance and/or other Engineering role and simply looking to gain certification around the existing skills they have. It is achievable in as little as 6 months but is not restricted by time so can be done at the pace and availability of the candidate. The gain for any company is to prove base line competence of their engineering team and also for the candidate to feel a valued member of the organisation.

NVQs are available in all Engineering roles from Office based CAD/Design/Technical Services to the more traditional Maintenance (Elec/Mech/ Instrumentation) and Manufacturing (Fab, Weld, Machining) roles.



## Bespoke Courses

Course Locations:



When it comes to training, we know that "one size does not fit all" - many organisations have specific training needs which are not always relevant, appropriate or met by traditional scheduled courses, so we take a different approach.

Our Tailored courses are a cost-effective way to ensure your teams have the specific, focused training that's required for your business, delivered where and when you need it.

Whether you want a tailored product, covering aspects of current courses, or require something bespoke, that is as individual as your business needs we can help.



We can run on-site company courses if there is capacity to do so.

# Introduction to Instrumentation

Course Locations:



Instrumentation is the collective term used for measuring instruments used for indicating, measuring, and recording physical quantities. Upon successful completion of our Introduction to Instrumentation course, you will have a theoretical & practical understanding of a variety of methods of instrumentation, calibration, and current loops.

Our introduction to instrumentation course is completely unique to HETA, we created the course as there was a lack of training covering the basic theoretical, and practical principles of the subject. Successful delegates will receive an in-house certificate, showing they have completed the course.

2 Days



# Abrasive Wheels

Course Locations:



Abrasive Wheel Operator Training is essential to all users, maintainers and managers of abrasive wheels. Under the Provision and Use of Work Equipment Regulations 1998 (PUWER), it is a legal requirement for those involved in the use of abrasive wheels to be properly trained.

This half day course provides delegates with theoretical information and option to extend the training to include practical application of Hand Grinders and/or Pedestal Grinder wheel dressing and mounting. Our qualified Abrasive Wheels trainers deliver this course to ensure full compliance with UK Health and Safety legislation.

0.5 Days



Approved

Key:



Practical Assessment



Online Assessment



Written Assessment



# NEW!

# Course Calendar

Our all-new, interactive course calendar makes it easier than ever to find suitable training solutions for you or your workforce. Covering all areas including Health & Safety, Introductory and Accredited courses, find suitable training, dates and locations in just a few clicks!



**View all of the dates for our most popular courses in one place!**

## Take Me There!

To view our most popular courses, including **accredited training programmes that demonstrate competency**, scan the QR code:



You can also visit [www.heta.co.uk/courses](http://www.heta.co.uk/courses) for more information



Engineering The Future

**Email: [training@heta.co.uk](mailto:training@heta.co.uk)**

Hull: 01482 826635

Grimsby: 01469 420770

Scunthorpe: 03303 331501



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