

FOCUS

ON ENGINEERING

SPECIAL
EDITION

Newsletter August 2015

The operating Subsidiary of The Engineering Trust (Registered Charity 287075)



Welcome to the first joint **Focus on Engineering** newsletter in which we celebrate learner success across the three groups, with some current news.

You may be aware that the three of us have been working together for just over a year, although those of you who work with GTD will have known about us for a little longer. Has it been a trouble free period? Well no, like all good partnerships, things don't always go to plan. However, I feel this is a strength in that ideas and processes are debated and result in a committed plan of action. I truly believe that all three of us have benefitted from our partnership. Going forward it's important that we continue to debate and adopt best practice if we are to embrace the forthcoming Trailblazer Standards and the proposed new employer funding models.

WHAT'S IN A NAME?

Well, quite a bit when you have the name Isis Training and become associated with an international group of terrorists. The decision was not taken lightly as, for over 20 years, we had been trading very successfully as Isis Training Services Ltd and had built a valued reputation for delivering high quality engineering apprenticeships and training. Like a number of other companies in the Oxford area we had taken the name from the river running through Oxford, a tributary of the River Thames. The change was prompted by the ongoing bad press, and also young people questioning the continued use of the name. Having made the decision to change we had to choose what we should call ourselves. A number of ideas were explored and debated. In the end it was decided that we should

take the opportunity to raise the profile of our charity and parent organisation, The Engineering Trust, and replace Isis with Engineering Trust Training Limited. Work continues to rebrand ourselves, including a new website, which is scheduled for completion in September.

FEEDBACK...

Finally should you have any feedback or ideas that could improve our services to employers or learners please contact us. You will find all our contact details on the back page.

Chris Clarke.

Chris Clarke Chief Executive
Engineering Trust Training Limited

HAS IT REALLY BEEN FIVE YEARS?

Well yes, March 2010 was the date of our last Ofsted Inspection. As a grade 2 provider we can expect an inspection at any time having already passed the 5 year re inspection period for grade 2 providers.

The three groups are currently working to ensure that we present ourselves and our achievements in a good light. Once an inspection date has been confirmed all employers and learners will be contacted and asked to provide feedback to the Ofsted Team. The Inspectors will also want to visit and talk to a selection of employers and learners. Your support in setting up and hosting these visits would be appreciated.



AWARDS EVENING

Congratulations to all the Apprentices receiving recognition for their hard work.

Another very successful evening held on 29th April 2015 at Exeter Hall in Kidlington. A big thank you to Richard Dick, CEO and Chairman of the Lucy Group, for an inspirational speech, Tony Green (Crown Packaging) for presenting the Awards and to The Engineering Trust Trustees who gave up their time to review all the nominations and select a winner for each category.

2014 Trustees Award Winner

Dominic Callaghan – Culham Centre for Fusion Energy



AWARDS

Pictured: Dominic Callaghan with his Trustees Award and Trophy

1st Year

Jessica Monk – Medical Research Council
Patrick Wilkinson – Owen Mumford Ltd
Jacob Bunn – Oxford Instruments

2nd Year

Becky Smith – Airbus Helicopters
Ben Frank – FMB Oxford
Joseph Key – Ultra Electronics
Nuclear Control Systems
Daniel King - Ultra Electronics
Nuclear Control Systems

3rd Year Winner

James Middleton – Blackmore Engineering

4th Year Winner

Ben Mattin – Crown Packaging



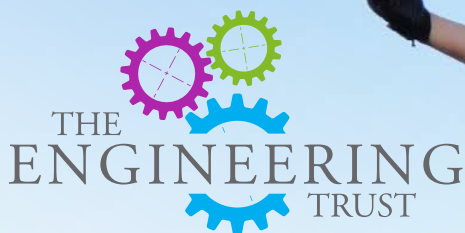
Jessica Monk – Medical Research Council receiving her achievement award from Richard Dick



Apprenticeship Completions for 2014



OGM supporting their apprentices



APPRENTICES AT NUVIA

“For my week taking part in the apprentice ship cup I was based on the tall ship ‘Irene’, a trading ketch built in 1907. We were travelling in a regatta made up of four tall ships in total, all of which were manned with apprentices from several participating companies. Our aim was to sail the ship from Glasgow to Liverpool with the help of Irene’s permanent crew made up of just three people. Throughout the week we learnt all the essential skills of sailing a tall ship such as knots, types of sails, watch systems, navigation, helmsmanship, and of course working with a close knit team.

Each tall ship sailed a different route to reach Liverpool, we started the first day and a half by working our way out of the river Clyde from Glasgow and stopping at a few small seaside villages for essentials like fuel and water. From here we entered the Irish Sea making our way south.

We sailed solid for two days with variations in speed from 9 knots to none. During this time a strict watch system is kept, splitting the ship into two groups so that the deck is manned at all times. When the watches change you are expected to be completely ready for your shift immediately, meaning you have to manage your time to make allowances for waking up and eating before that time comes.

We eventually reached Ramsey on the Isle of Man where we stopped for a day on anchor. This meant there was further shift work to make sure the ship

wasn’t drifting throughout the night, however the watches were shorter and in smaller groups. The following morning we sailed for Liverpool, which was another non-stop sail for a day and a half until we arrived and regrouped with the regatta once again. I’m very thankful to have been given the opportunity and I’ve definitely learnt a lot of priceless skills that can be used in many scenarios such as time management, team work and staying focused during long hours. It’s a unique and extremely rewarding team building trip which I would recommend over any standard outward bound course to all.”

The event was hosted by a charity called MAST (Merseyside Adventure Sailing Trust) www.mastapprenticeshipcup.co.uk

Written by Jay Thomas, Apprentice EC&I Engineer, Nuvia Limited
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DATES FOR YOUR DIARY

- | | |
|----------------------|--|
| 25 August | Short Course: Abrasive Wheels – Kidlington, Oxford |
| 2 September | Induction Day for 1st Years |
| 30 September | Mentor Training |
| 26–30 October | Red Ridge outward bound for 1st Year apprentices |
| 5 November | Mentor Training |



FIRST AWARDS EVENING AT THE **NEW BEMA** TRAINING CENTRE BRISTOL

The British Engineering Manufacturers Association Ltd (BEMA) based in Bristol is delighted to be part of the Engineering Trust Training Limited network and is looking forward to working closely with our partners in the future. Being a well-established Trade Association with currently 88 Member Companies it seemed a natural step to further develop the business with a new Engineering Training Centre which opened in September 2014. The Training Centre is established with Machining CNC/CAD provision and we are currently working with the local Enterprise Partnership with regard to delivery further within the Advanced Engineering/Aerospace priority sector locally.



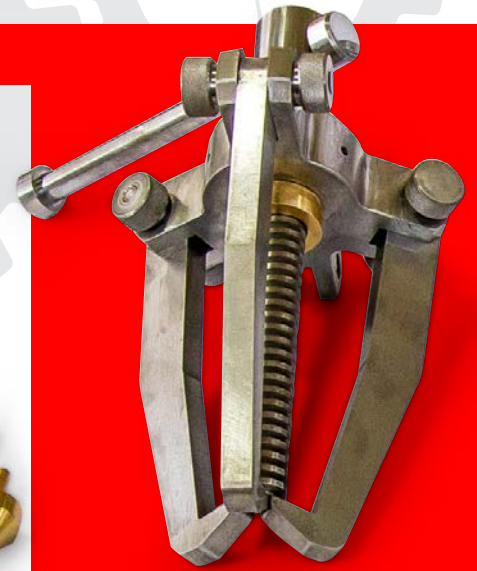
Training Centre View

Being "Run by Industry for Industry" and proud to be Independent – not a Further Education College, BEMA has made a leap backwards to Basic Engineering Training (BET) as it used to be done! The essential intensive FOUNDATION Phase of Advanced Engineering Apprenticeship that employers locally needed.



Pictured: The Class of 2015 Graduates

Everyone who attended appeared to be very impressed with the standards & achievements of all the Apprentices! With grateful assistance in Sponsorship from the Engineering Trust Training, BEMA award winner Vinne Walker of McBraid PLC achieved the top accolade.



May 2015 saw the first group of 11 apprentices "graduate" from the new BEMA Training Centre. All achieved the 4 "Phase Tests" required to complete the foundation phase, this was further endorsed by the Level 2 NVQ units.

Pictured above: Exceptional Quality of Work Produced



BEMA Apprentice of the year 2015 receiving his Award from Henry Smart BEMA President

For September 2015 BEMA is increasing its Capacity to 18 Apprentices, 4 New Machines and an additional Instructor joins us to run our own Technical Certificate (Day release). This will be EAL Level 3 Diploma in Engineering Technologies.

BEMA is also looking at exciting apprentice projects with Bristol Aero Collection where the future Concord exhibition will be in Filton. The Challenge for the future will be managing the success & interest in the new training centre and the high achieving apprentices created!!

ENGINEERING MANUFACTURERS' ASSOCIATION INVESTS IN TRAINING IN PARTNERSHIP WITH XYZ

BEMA recently took the decision to create its own in-house training facility. To achieve this BEMA has worked closely with XYZ Machine Tools and is now an Educational Partner of the Devon-based machine tool company. The decision to create the Training Centre was driven by member feedback, which indicated a desire to develop apprentices to a particular standard. Initially six BEMA members stepped forward to sponsor the Training Centre.

These companies were among those reporting that the apprentices were not meeting their requirements in terms of modern machine tool knowledge and resulting in extra time and effort before they returned to their employers. Ian Mynett, BEMA's Director of Training: "This allowed us to set our own training agenda and take the structure of what we do way beyond what a local college could provide."

Pictured: Ian Mynett and Paul Fricker of BEMA with their XYZ Education Partner plaque.

Top Right: BEMA Apprentice Daniel Clement from Ravenscourt Engineering setting up the XYZ Pro TURN SLX 1630.

The Training Centre has attracted interest from other BEMA member companies and also from non-members. Expansion plans are already well under way to accommodate more trainees. This will lead to additional machines being installed. The machines currently at BEMA are the XYZ Trainer lathe, a manual lathe that can be equipped with or without a Newall C80 DRO digital readout (BEMA has both options). Generation ProtoTRAK SLX control, which features such as TRAKing. This allows users to manually feed through the program, eliminating the risk of collision, which is a great safety feature, especially in a training environment such as BEMA.

Kerry Kidd, XYZ Machine Tools', Educational Sales Director said: "We are happy that BEMA has joined the growing number of training/educational establishments that are now XYZ Educational Partners. XYZ recognises the importance of training the next generation of engineers and our



success in the education sector is built on our diverse range of machines that provide the opportunity for apprentices to develop their skills as they progress through their training. Our manual machine range provides the entry point into gaining machining principles and the natural progression to ProtoTRAK controlled mills and lathes that can be operated as manual, part CNC or as full CNC machines is the next stepping stone. Through our Education Partner scheme teaching staff will always be up to date with the latest machine training, which we provide on an ongoing basis either at their facility or at any of our showrooms around the country."





EVENT FOR TOMORROW'S ENGINEERS!

Forming part of Greenfield Engineering's strategy in helping develop and support young people's interest in an engineering and technology-based career, Holsworthy Community College year 10 students studying GCSE Resistant Materials were invited to visit the factory.

The tour of Greenfield facilities highlighted the modern automated manufacturing techniques being used. This was followed by a presentation from two senior apprentices on the history and evolution of the company. The apprentices explained the benefits of a work based apprenticeship and the need for them to keep working hard to achieve their full potential at school.

The event was enjoyed by the students which gave them the opportunity to hear, see and get involved in handling metal first-hand, as they were all given a cut sheet metal model to fold.

Engaging with young people about manufacturing at an early stage enables them to better understand and relate to the manufacturing process. The workshop visit showed them state of the art machinery being used and gave them the opportunity to meet current apprentices who have already attended day release at technical college and chosen the apprenticeship route over full time education.

Hopefully other companies will see the way we are being more pro-active and, in turn, will start to promote their own opportunities to young students.



*"Our Company is
Technology-rich,
challenge led
environment where
teamwork and creativity
are highly valued skills"*
Frank Green. M.D.



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