



LOTTERY FUNDED



Patrons - Lord Faulkner of Worcester - Judy, Lady McAlpine - Dame Margaret Weston, DBE - Brian Greenwood

“BESTT - Mechanical - Full Ahead”

Mechanical Training with BESTT

Following the successful Heritage Lottery Fund (HLF) BESTT Boilersmith Training Programme. 75% of trainees acquired full time employment in the Steam Heritage sector.

We are grateful for a further HLF grant of £594,300 to fund Mechanical Overhaul Training. Successful trainees will follow a new steam mechanical overhaul syllabus and gain certification.



2018 Trainees

Basic training has started at Keighley & Worth Valley Railway, West Somerset Railway, Middleton Railway & York College. With the help of several guest speakers and the Training Manager, Tony Simons and Richard Gibbon,

2018 - BESTT Mechanical Trainees

who designed the training modules, hosted a residential week at York to get the new intake off to a good start and BESTT is very appreciative of their help

BESTT Training Placements

Henry Cleary, Bestt HLF Project Director said, “BESTT could not function without the help of its partner and member railways and workshops offering training placements and we are very grateful to Keighley & Worth Valley, Middleton, York College and West Somerset Railways for starting off the new mechanical course for our new trainees. Very soon we will be contacting other railways who have agreed to take the trainees for their next stage on the mechanical syllabus modules.”

The syllabus includes, Wheels & Axles • Axle Boxes • Cylinders & Valves • Springs • Lubrication • Brakes • Motions • Frames • Fittings & Pipework.

If you are a railway or workshop interested in taking a trainee or knowing more please contact us via the BESTT website or: jhenrycleary@aol.com. or enquiries@bestt.org.uk

The mechanical programme is attracting a more diverse workforce into rail, road and marine steam engine repair. Recruits have been targeted from a number of under-represented groups including those from deprived areas, ethnic minorities and women. We are grateful in particular to the Princes Trust in Leeds for their help

2019 /20 Second year course applications will be invited in early 2019.

BESTT Appointments



Martin Wadeson

National Training Manager

Following the HLF grant BESTT is pleased to announce the appointment of Martin Wadeson as The National Training Manager. Martin has an engineering background spanning many years and disciplines in pneumatics, hydraulics and mechanical.

The last 8 years he has been national training manager for an international crane company. Training is a passion of his and he believes investing in the right training and support should be a priority and be at the heart of every company. Martin is excited to be able to put together his passion for training and love of steam and bring the skills of the past to the future.

Training Support Manager

We are also pleased to announce the appointment of Peter Winebloom as the Training Support Manager.



Peter Winebloom

Having just retired from his position as Technical Training Director for EEF the manufacturers organisation, where he was responsible for their Apprentice and Skills business unit which provided a national apprenticeship provision for both member and non-member employers. Peter was with EEF for 14 years and previously spent 13 years with SEMTA which was formed as a result of the merging of the former EITB and Marine and Shipbuilding Levy Boards. Peter also held other training roles after

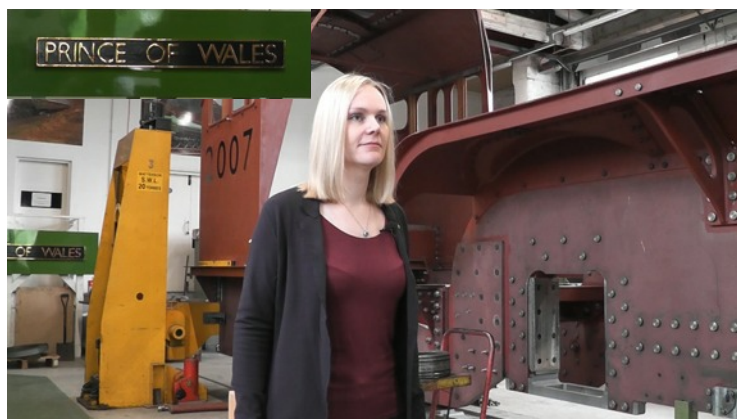
completing his apprenticeship with GKN Hardy Spicer. Being a practical engineer Peter has always had a keen interest in heritage engineering, in particular that related to traction engines and maritime steam.

BESTT AGM

BESTT will be holding its Annual General Meeting at 11.00 on Saturday 12 January 2019 at The Bar Convent, 17 Blossom Street, YORK. YO24 1AQ.

Following the AGM a BESTT Director will give an update on the BESTT 2 Mechanical Overhaul Course followed by a presentation on Gauging.

We interviewed Daniela Filová, Assistant Mechanical Engineer at The P2 Locomotive Company about her exciting job using some of the latest engineering techniques to help build the new P2 and how heritage engineering can be a highly satisfying career for women.



Our thanks go to David Elliott and staff at P2 Locomotive Company for their invaluable assistance. Visit them at <https://www.p2steam.com/>.

To view Daniela's film please visit <https://www.youtube.com/watch?v=biOT2vUUH4>

BESTT Continues to Provide Short Courses



Approved test piece

Riveting - BESTT is continuing to offer Riveter Certification Courses which gives the opportunity to learn the skills of hot metal riveting.

The course can be tailored from novice to expert over 2 to 4 days and gives hands on training with distance learning, a practical assessment by an independent assessor completing with a short exam. The skills acquired can be used for the fabrication of heritage pressure vessels and structures.



Boiler Washout & Examination attendees

Washout & Examination

BESTT is pleased to continue offering washout & examination courses in 2018.

- Examination and details of washout plugs and fusible plugs
- Details and techniques in replacing washout plugs and mud hole doors as part of 'boxing up' the boiler.

For further information and course dates please contact enquiries@bestt.org.uk.

GDPR

To enable BESTT to continue providing information regarding the HLF training course, short courses, newsletter and AGM updates please ensure you have completed our GDPR acceptance form. Failure to do so will result in the removal from our contact mailing list.

You can find the GDPR form at <http://www.bestt.org.uk/gdpr.html>

The Hon. Sir William McAlpine BT



It is with great sadness that one of our Patrons, The Hon. Sir William McAlpine BT died in March 2018. He was a great active supporter of BESTT and its aims. He was witty, amusing, kind and brought a great deal of pleasure to many. In the McAlpine tradition, Judy, Lady McAlpine has accepted our invitation to be a Patron of BESTT.

"Welcome Judy...." - Gordon Newton Chairman

Gordon Reed

We were also saddened to learn of the passing in April this year of Gordon Reed, aged 85, who was an associate member of BESTT. He trained as a boilermaker at LNER Stoopdale and was the oldest practicing boilermaker in the UK. He gave valuable service to heritage railways especially The Keighley & Worth Valley Railway.



Qualified Boilersmiths



James receiving his BESTT certificate from Robert Goodwill MP. in 2016

James Newton, a former trainee on the HLF funded BESTT boilersmith course has passed out as a qualified boilersmith at the North Yorkshire Moors Railway (NYMR).

Congratulations James, we are delighted that your initial training at BESTT has lead you on to a successful career.



Parliamentary Report - Engaging the Next Generation - Young People and Heritage Railways

All-Party Parliamentary Group on Heritage Rail was published in July 2018 and throughout the document BESTT has been specifically referred to in many paragraphs for example:-

“BESTT is providing training to address the urgent challenge of disappearing engineering craft skills needed to maintain safe and sustainable steam heritage operations.

This is an increasingly specialist sector which lacked any formal training structure and where a clear skills gap had occurred.

BESTT developed their scheme with the HRA, the National Traction Engine Trust, Maritime Heritage Trust and other sector bodies. BESTT is an excellent example of cooperation between organisations facing similar problems which have together identified a solution and secured the funding to implement it. It is a good example of the resilience and creative approach of the heritage railway movement.”

The full document can be viewed here -

<https://www.hra.uk.com/s/APPGHR-report-on-Young-People-and-Heritage-Railways-19-07-18.pdf>

Become a member of BESTT....

- Membership gives the opportunity to be involved with BESTT.
- Keep up to date with newsletters and web site.
- Receive first hand information regarding opportunities for both trainees and mature students.
- Receive information regarding technical training modules.
- Know who is involved and where we exhibit.
- Have the opportunity to get behind the scenes and look at what we do.
- Offer your own skills and expertise.
- Know that your subscription / donation is keeping BESTT alive and enable the scheme to continue into the future.
- Notice and invitation to the AGM.

Thank you for your support - keeping steam alive...

Supporting Organisations



Locomotive Maintenance Services Ltd

Locomotive Owners Group (Scotland Ltd)



UK-WIDE NETWORK
SHIP CONSERVATION



Unit 5, Concept Court, Kettlestring Lane
Clifton Moor, York, YO30 4XF

Registered Company Number 05677191

Registered Charity Number 1153592

Bestt

Boiler & Engineering Skills Training Trust



The Boiler and Engineering Skills Training Trust



Bestt

Boiler & Engineering Skills Training Trust



Membership and Donation Form

The Boiler and Engineering Skills Training Trust is a charity entirely devoted to the training of new heritage boilersmiths and mechanical engineering in order to maintain the working steam fleet of railway locomotives, steam vessels and road vehicles for future generations to enjoy. We have raised substantial Heritage Lottery Funding for our training schemes but we can only continue if we have a base of donations from those who support us. To learn more about BESTT visit: www.bestt.org.uk

☐ **Corporate Membership** - Heritage railways, Museums, Preservation Groups, Clubs & Societies and professional organisations **£75 per year**

☐ **Associated Membership** - Limited individual. One **£12 per year**

☐ **Donations** - Donations are a great help and can be made on a single or yearly basis. You will receive an acknowledgement and details of our Gift Aid scheme. Newsletters will be forwarded on to you.

NAME

ORGANISATION
CORPORATE MEMBERS

ADDRESS

TEL. NO. DATE

EMAIL ADDRESS

GDPR - Please add me to the mailing list ☐

Please remove me from the mailing list ☐

(To view our Privacy Policy - Please visit our website - www.bestt.org.uk)

To join BESTT and support our work, please provide the information and send by post, with your subscription to:

BESTT, 14 Greenfield Lane, Idle, Bradford, West Yorkshire BD10 8PT.

You can also email: enquiries@bestt.org.uk.

Cheques made payable to - **"Boiler & Engineering Skills Training Trust"**

Data security - Your data will not be used without permission

October 2018