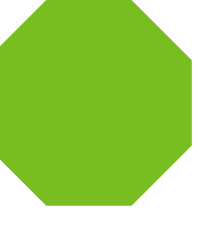


# ALL ABOUT AUTOMOTIVE, RAIL & MARINE

Issue 7  
September 2022



# All about Automotive, Rail & Marine

## Issue 7

### Sept 2022

A newsletter from City & Guilds on education updates in Automotive, Rail & Marine for all nations.

#### In this issue:

##### General Updates:

- Welcome
- EPA Support
- Keep in touch and up to date

##### Automotive

- T- Levels
- Support Materials and E-Learning (with electude)
- SmartScreen
- Digital Credentials – More added and Automatic Issue!
- New Developments, Electric Vehicle, ADAS and Light Vehicle
- 7290/70 & Electric/Hybrid Vehicle Qualifications
- Health and Safety Resources

##### Marine

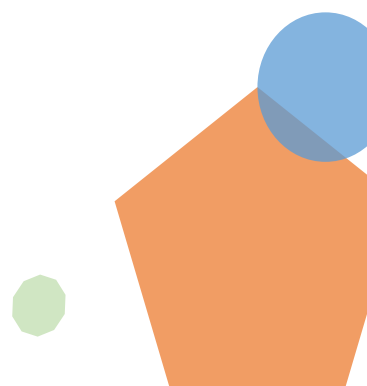
- New 2473 Qualifications
- New Digital Credentials 9303, 7597 and Automatic Issue!
- New qualifications for Boatbuilders and Marine Engineers

##### Rail

- EPA
- Digital Credentials and Automatic Issue!

##### Associate IEPA & LEPA Recruitment

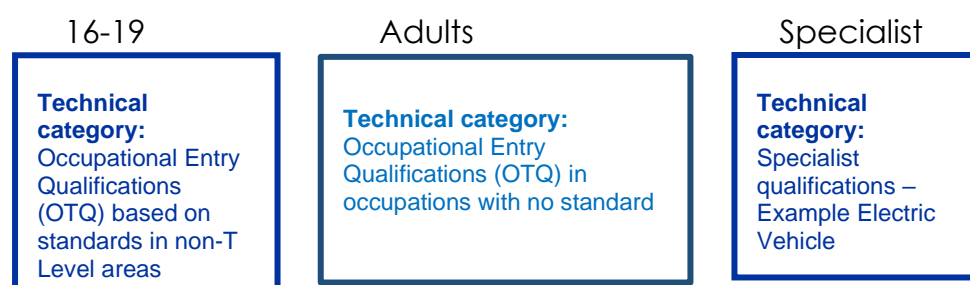
- Automotive and Rail - IEPA LEPA Roles Vacancies – How to Apply!



## Welcome

Welcome back and I hope you all managed to get some down time and well-deserved rest over the summer. We are in an educational period of significant change, with government focus been on A Levels, T Levels and Apprenticeships, however the pathways for full time students is less clear. There are reforms for Level 3 qualifications and the government and department for education are looking for a simpler and redefined route for students who fall outside of the A levels, T Levels, and apprenticeship.

New Level 3 qualifications for 16-19 will be based on employer-led occupational standards, these qualifications will support entry to occupations that are not covered by T Levels. There will also be specialist qualifications which cover specialist areas of a skill and knowledge that go beyond those available in T Level or other competence-based qualification. Adults will have access to occupational entry qualifications for occupations without employer-led standard, but which are still in demand by employers. There will also be access to qualifications focusing on a range of cross-sectional skills, transferable across multiple occupations and specialist qualifications such as Electric vehicle and F Gas etc.



### **Removal of Funding FY22/23**

The ESFA annually review all qualifications and remove funding for Low (Less than 100 registrations within funding year) and No registrations. Please check on the Government website for further details on which qualifications will not be funded from 1<sup>st</sup> August 2022, the link is below to the latest list.

[Withdrawal of funding approval from qualifications with low and no publicly funded enrolments for the funding year 2022 to 2023 - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/news/withdrawal-of-funding-approval-from-qualifications-with-low-and-no-publicly-funded-enrolments-for-the-funding-year-2022-to-2023)

We are still very active in supporting centres with EPA preparation sessions, which includes EPA task and centre setup along with ensuring the apprentices are prepared technically for the EPA assessment. We also discuss the importance of ensuring apprentices are physically/mentally prepared for their end point assessment, this will help to mitigate the potential stress and manage

anxiety. If you have any concerns regards EPA set up and preparation, please don't hesitate to contact our Technical Advisor Paul Tunncliffe @ [paul.tunncliffe@cityandguilds.com](mailto:paul.tunncliffe@cityandguilds.com).

## Green Skills

One of the Industry sectors most in demand for employees with a specific skill set is the renewable and sustainability energy sector, highlighted with the recent Government Green Skills Agenda.

\*City and Guilds has developed new qualifications for Electric/Hybrid Vehicles designed to provide everything from the **Level 1 Award in Introduction to Electric and Hybrid Vehicle High Energy Systems (7290-01)**, which is suitable for new EV customers, vehicle sales personnel, valeters and anyone who may be encountering electric vehicles, moving onto the **Level 2 Award in Safe Maintenance of Electric and Hybrid Vehicles (7290-02)** and also a new Level 2, the **Level 2 Award in Hazard Management of Electric and Hybrid Vehicles (7290-72)**, suitable for those working in and around broken down or accident damaged vehicles.

Moving onto the higher levels, we have the **Level 3 Award in Component Removal and Replacement in Electric and Hybrid Vehicles (7290-03)** along with the **Level 4 Award in Diagnosis and Rectification of Faults in Electric and Hybrid Vehicles (7290-04)**.

There are also options to include these qualifications or units within your Full Time Qualification offer if deemed suitable.

\*All these qualifications are supported by our free digital credentials.



Please make sure you follow us on LinkedIn [LinkedIn page](#) and have signed up for [email update link](#) for information on future webinars

## EPA

Just a reminder that we are now live for registrations within Paint, Panel and MET Damage Technician. Please search our website for the 9321 Paint, 9322 Panel and 9323 MET products.

Well done to your Apprentices who completed their Automotive EPA events so far in 2022.

## Keep in touch and up to date

For regular updates and further information please follow us on:



Mike Nightingale (Industry Manager) – [LinkedIn Link](#)



Paul Tunncliffe (Technical Advisor) – [LinkedIn Link](#)



## All about Automotive

### T levels (England)

From September 2022, in collaboration with Excellence Achievement and Learning (EAL), we will be offering the T Level technical qualifications (TQs) in all three pathways within the Engineering and Manufacturing route. These will only be available in England.

Engineering and Manufacturing: Manufacturing, Processing and Control  
Engineering and Manufacturing: Maintenance, Installation and Repair  
Engineering and Manufacturing: Design and Development

You may find this interesting as there is a “Light and Electric vehicles” pathway within the Maintenance Installation and repair route.

<https://www.cityandguilds.com/tlevels/engineering>



Please find more information at [Link to T-Levels](#)

## **Support materials on SmartScreen with e-learning (all nations)**

### **Auto e-learning – the library of virtual learning for vehicle maintenance**

Whether you deliver apprenticeships or full-time courses or just would like to update your tutors' CPD we have created a library of virtual learning resources, which can be used by centres regardless of which qualifications or regions you deliver in.

This virtual learning provides the following advantages for learners:

- Designed for visual and kinaesthetic learners
- Learn by doing instead of memorising
- Uses serious gaming principles
- Full of interactive animations and simulations
- Photorealistic graphics
- Discovery-based learning
- Focuses on doing, not reading
- Hones problem solving skills
- Develops critical thinking

The topics covered in this virtual learning package are:

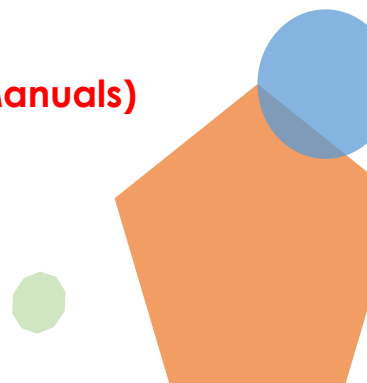
- Properties and applications of materials in the automotive industry
- Automotive servicing and inspection operations
- Automotive business workshop practices
- Automotive mechanical systems
- Automotive electrical and electronic systems
- Automotive technology and future innovation
- Management in the automotive industry
- Vehicle design and manufacturing process
- Automotive systems, diagnostics and repair
- Science and maths in automotive industry systems
- EMS Engine management simulations.

Available in the Walled Garden. Code: SS9422\*

### **Updated SmartScreen content for the new 7290/7270**

We will soon be releasing updated SmartScreen content for the new 7290/7270 qualifications. Please look out for a focus alert when this product goes live.

## **On programme resources – ATM's (Apprentice Training Manuals)**





## Apprenticeship training manuals

We will soon be releasing ATMs for the Body and Paint Apprenticeships. Please keep an eye on the focus alerts for news of the release of these products.

Currently available for the following standards:

- (9304) Level 2 Autocare technician
- (9302) Level 3 Heavy vehicle service and maintenance technician
- (9301) Level 3 Motor vehicle service and maintenance technician (light vehicle)

These training manuals provide apprentices with a range of practical tasks to apply their knowledge and skills in preparation for assessment. The manual supports formative learning, by allowing the apprentice to track their progress and record evidence. Each manual includes:

- tasks to support reflective learning and evidence literacy, numeracy and behavioural competencies
- integrated tasks to provide 'stretch' learning
- checklists for each task, where assessors can provide feedback.

These training manuals can also be used to develop evidence for the Showcase Portfolio for EPA

## Network events

We are hoping to return to our face-to-face network events in the Autumn period.

If you are interested in hosting an event, please contact **paul.tunncliffe@cityandguilds.com** and look out for any dates and areas coming soon in our focus alerts.

## Digital Credentials for Automotive.

Digital credentials are now an integrated part of our apprenticeship offer and more recently, our wider qualification offer. For more details, please go to **<https://www.cityandguilds.com/digital-credentials>**

Latest additions to Digital Credentials include our new 7270 and 7290 qualifications.



Enable your learners to become brand ambassadors and reach new audiences with your programme offer, as your participants share their achievements on social media across the web in a secure and verifiable way.

\*These are awarded automatically on completion by providing the learners email address upon registration

## Examples



## Documents update:



We can now confirm that the new 7290 documents are all live. Follow the link below:

City and Guilds website: **7290** - [Automotive Maintenance and Repair qualifications and training courses | City & Guilds \(cityandguilds.com\)](https://www.cityandguilds.com/qualifications-and-training-courses)







We can now confirm the new 7270 documents are all live. Follow the link below: City and Guilds website: **7270** - [Automotive Maintenance and Repair qualifications and training courses | City & Guilds \(cityandguilds.com\)](https://www.cityandguilds.com/qualifications-and-training-courses)

We are also excited to announce that the new Electric Vehicle and ADAS Qualifications information and handbooks are available via City and Guilds website. You will find the information under the drop-down menu for the relevant level of qualification, as demonstrated below:



7290 Level 1			
Assessment materials		▼	
Centre documents		▲	
	7290-01 L1 Award in Introduction to Electric Hybrid Vehicle High Energy Systems Qualification Handbook v1.0 pdf	257 KB	04 Feb 2022 

ADAS is under level 3 drop down menu:

7290 Level 3			
Assessment Materials		▼	
Centre Documents		▲	
	7290-03 L3 Award in Component Removal and Replacement in Electric and Hybrid Vehicles Qualification Handbook v1.0 pdf	406 KB	04 Mar 2022 
	7290-13 L3 Diploma in Light Vehicle Maintenance and Repair Principles Qualification Handbook v1.0 pdf	1 MB	07 Mar 2022 
	7290-83 L3 Award in Diagnosis Repair and Recalibration of Advanced Driver Assist Systems Qualification Handbook v1.0 pdf	378 KB	04 Mar 2022 

### Health and Safety:

The Health and Safety Executive website is a great resource for all Health and Safety related knowledge of latest regulations etc. [Introduction to Motor Vehicle Repair \(MVR\) \(hse.gov.uk\)](https://www.hse.gov.uk/mvr/)

For example, employers' responsibilities regarding PPE for employers **Personal protective equipment (PPE) at work regulations from 6 April 2022**

Please find the link below: [Personal protective equipment \(PPE\) at work regulations from 6 April 2022 \(hse.gov.uk\)](https://www.hse.gov.uk/ppe/)

# All about Marine

## New qualifications for Boatbuilders and Marine Engineers

As part of our project to update our 2473 offer, please ensure you are signed up for email alerts for further details [email update link](#)

Our new (2473) marine qualifications have been developed to be included within the Foundation Phase and the Development Phase of the new Apprenticeship standards for boatbuilders and marine engineers, which will replace the current level 2 and level 3 Marine, Construction, Systems Engineering and Maintenance (Boatbuilding and Marine Engineering) qualifications from current Apprenticeship Frameworks.

**Please Note:** The Marine 2463 suite of qualifications are now closed for registrations

### Remember:

**These 2473 qualifications are part of the new Apprenticeship standard but can also be used as standalone.**

You can access the handbook and assessment documentation in the link <http://www.cityandguilds.com/qualifications-and-apprenticeships/transport-maintenance/marine/2473-marine#tab=documents>

You can also download the factsheets for marketing purposes:

<https://www.cityandguilds.com/apprenticeships/emerging-standards>

We also have new Digital Credentials for these Marine qualifications.

Example:



\*These are awarded automatically on completion by providing the learners email address upon registration

# All about Rail

## 9303-12 End Point Assessment (EPA) for Rail Engineering Operative (Track) open for registrations

Our 9303-12 EPA for Rail Engineering Operative standard is open for registrations.

For more information, please visit our website:

### Link to website

### Digital Credentials

We have digital credentials to our Rail Qualifications:

#### Examples:



\*These are awarded automatically on completion by providing the learners email address upon registration

## Become an independent assessor (IEPA) for Light and Heavy Vehicle, Paint, Panel and MET and Rail engineering operative

Role profiles for independent assessors and application forms can be found here:

**Independent End-point Assessors | City & Guilds Group Careers (cityandguildsgroup.com)**

For those who would like to apply for one of these roles, please remember you can access the standard and the assessment plan in the Institute for Apprenticeships' website: **Apprenticeship standards / Institute for Apprenticeships and Technical Education** . Just type in the sector you are looking for; example Light Vehicle then select vehicle-service and maintenance technician Light Vehicle Level 3 and all assessment and entry requirements information and documentation is freely available to access.

## Tell us what you think

*All about Automotive, Marine and Rail* is a newsletter that brings together all of the key developments from City & Guilds relevant to skills learning across England, Scotland Northern Ireland and Wales. It contains updates on the range of teaching and learning resources we offer, plus relevant public policy or other information we think you might be interested in.

Each edition is numbered, so we can refer back to previous issues or tell you when information has been superseded.

If there's anything else you'd particularly like us to cover or explain more fully in future issues of *All About*, please feel free to drop us a line to [Mike.Nightingale@cityandguilds.com](mailto:Mike.Nightingale@cityandguilds.com)

For specific queries and enquiries please contact our dedicated customer support team  
Tel: 0192 4930 800

Email: [centresupport@cityandguilds.com](mailto:centresupport@cityandguilds.com)

Thank you for your continued support.

Every effort has been made to ensure that the information contained in this publication is true and correct at time of going to press. However, City & Guilds' products and services are subject to continuous development and improvement and the right is reserved to change products and services from time to time. City & Guilds cannot accept responsibility for any loss or damage arising from the use of information in this publication. © 2018. The City and Guilds of London Institute. All rights reserved. City & Guilds is a trademark of The City and Guilds of London Institute, a charity established to promote education and training registered in England & Wales (312832) and Scotland (SC039576).

