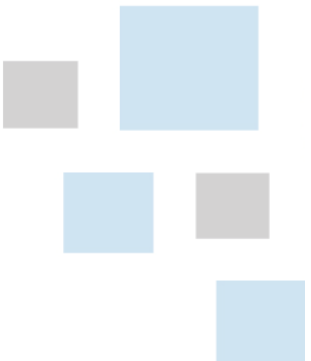


Training & Qualifications Forum

Wednesday 22 June 2022

www.the-esp.co.uk



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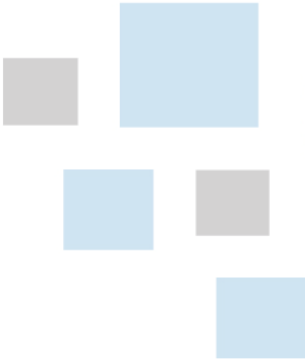
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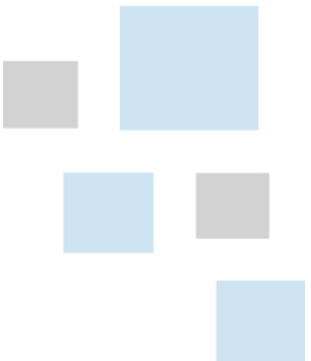


Welcome

Ruth Devine

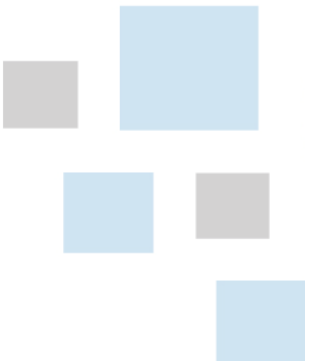
Managing Director - SJD Electrical

Chair - The Electrotechnical Skills Partnership



Before we start...

- Please submit questions via Chat facility
- Any issues with Chat please email info@the-esp.org.uk
- Slides to be circulated post-event along with Q&A log
- Please feedback via post-event survey

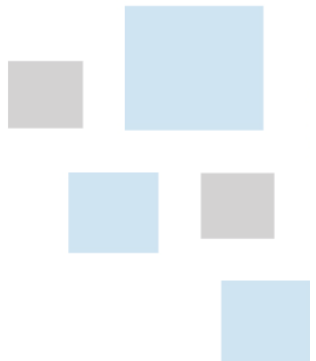


Agenda

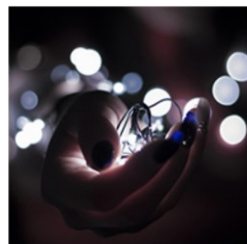
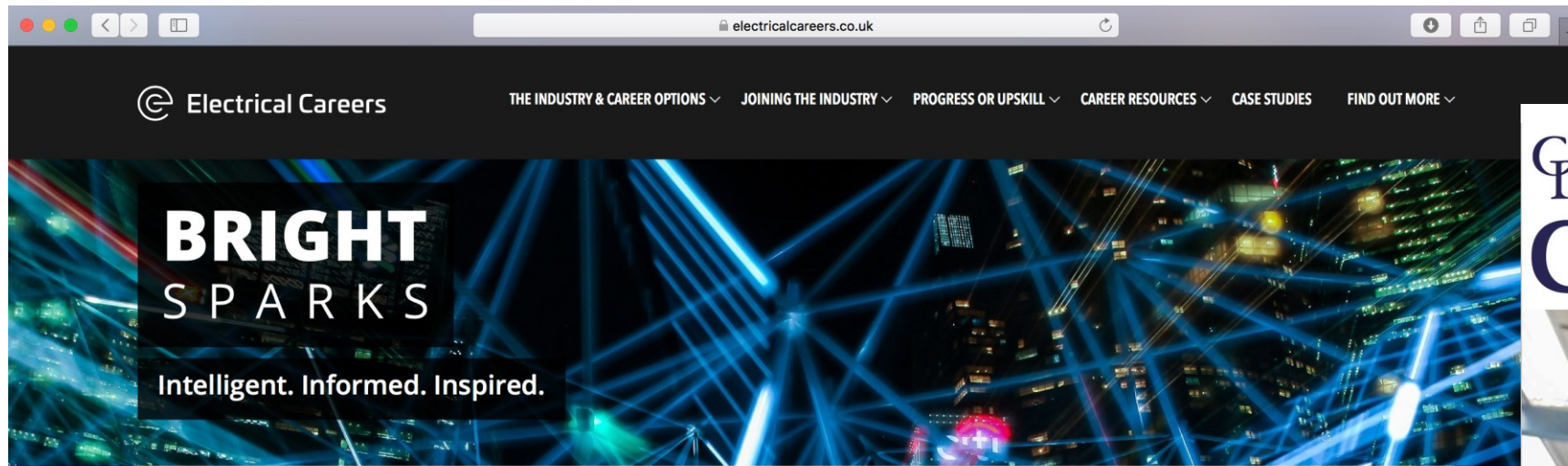
- TESP overview
- Work on competence, Working Group 2, Building Safety
- Changes to the Electrotechnical Assessment Specification
- Experienced Worker Assessment and RPL
- Apprenticeship Updates
- NET Updates
- Level 3 qualifications reform
- T-Level Update
- Awarding Organisation updates
- ECS Update
- BSE Skills
- IET Update
- Questions



TESP Overview



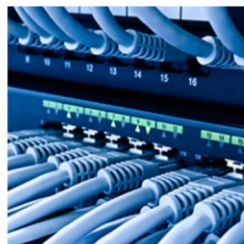
Electrical Careers website



Read more about **ELECTRICAL CAREERS** and opportunities.



What you'll need to **JOIN THE INDUSTRY.**



Experienced but not fully qualified? Find out how to **UPSKILL.**

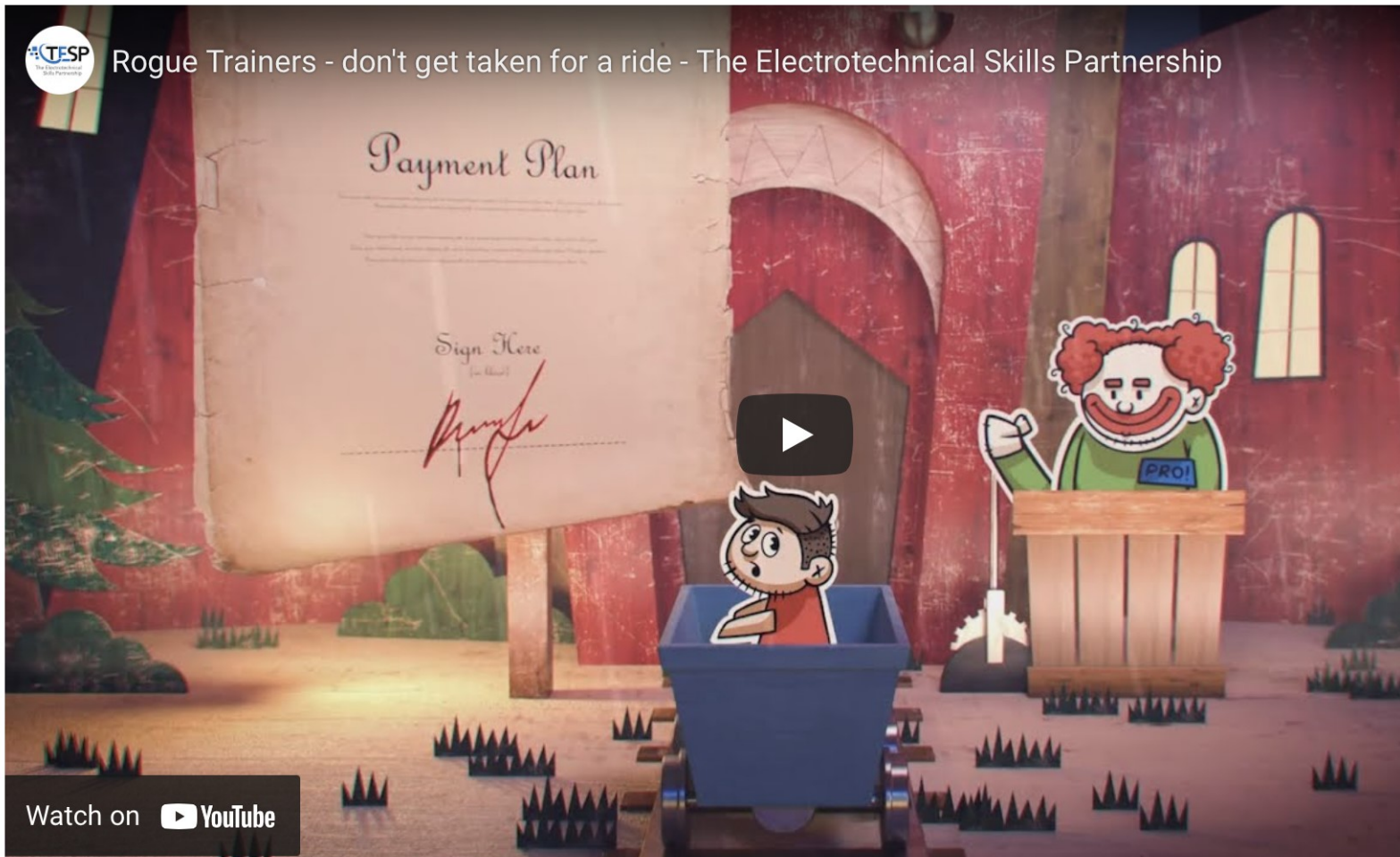



Share **CAREERS GUIDANCE** or raise awareness of the industry.



www.electricalcareers.co.uk

Rogue Trainers campaign



Watch on  YouTube

www.roguetrainers.co.uk

Rogue Trainers

Campaign Supporters

The organisations listed below are supporting our campaign against Rogue Trainers. They have pledged to promote the industry approved training routes and help learners make an informed decision about their training:

If you would like to join this page please [complete our Supporters form](#)

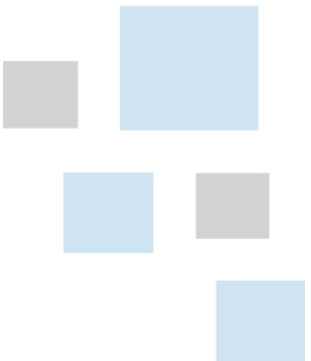
- The Focus Training Group
- Apprentice 121
- SparkyNinja Ltd
- Pure Electric
- The Guilds
- West & West Ltd
- e5
- Orange Fox Electrical
- JTL
- Power Sonic Ltd
- Electrical Academy
- Birmingham Electrical Training
- CertOn
- RT Industria Ltd
- Raven Delta Group
- CTD Quickstep
- Trades Course Complaints
- Electrical Courses Ltd
- South Gloucestershire & Stroud College
- Beau Associates

Industry into Education



Find out more on our website

www.the-esp.org.uk



Competence for Building Safety

Opportunities and Challenges for Education

Andrew Eldred, ECA Workforce and Public Affairs Director

 **TESP** Training and Qualifications Forum – 22 June 2022
The Electrotechnical
Skills Partnership

Competence – current weaknesses

‘The current approach to levels of competence is disjointed and in places **not rigorous enough**. This allows individuals to practice with questionable qualifications or without a requirement for competence to be assessed, accredited and reaccredited.

‘...the **absence of a coherent overarching framework** or body which provides oversight has led to confusion and a lack of trust.’

Dame Judith Hackitt – Building a Safer Future (May 2018)



Sectoral implementation

Grenfell Tower fire (*June 17*)

Hackitt interim (*Dec. 17*) and final (*May 18*) reports

Competence Steering Group interim (*Aug. 19*) and final (*Oct. 20*) reports

BSI Flex 8670 overarching framework v.3 (*Apr. 21*)

Sector-specific competence frameworks



CSG working groups

WG1 – Engineers

WG2 – Installers

WG3 – Fire Engineers

WG4 – Fire Risk Assessors

WG5 – Fire Safety Officers

WG6 – Building Standards Professionals

WG7 – Building Designers

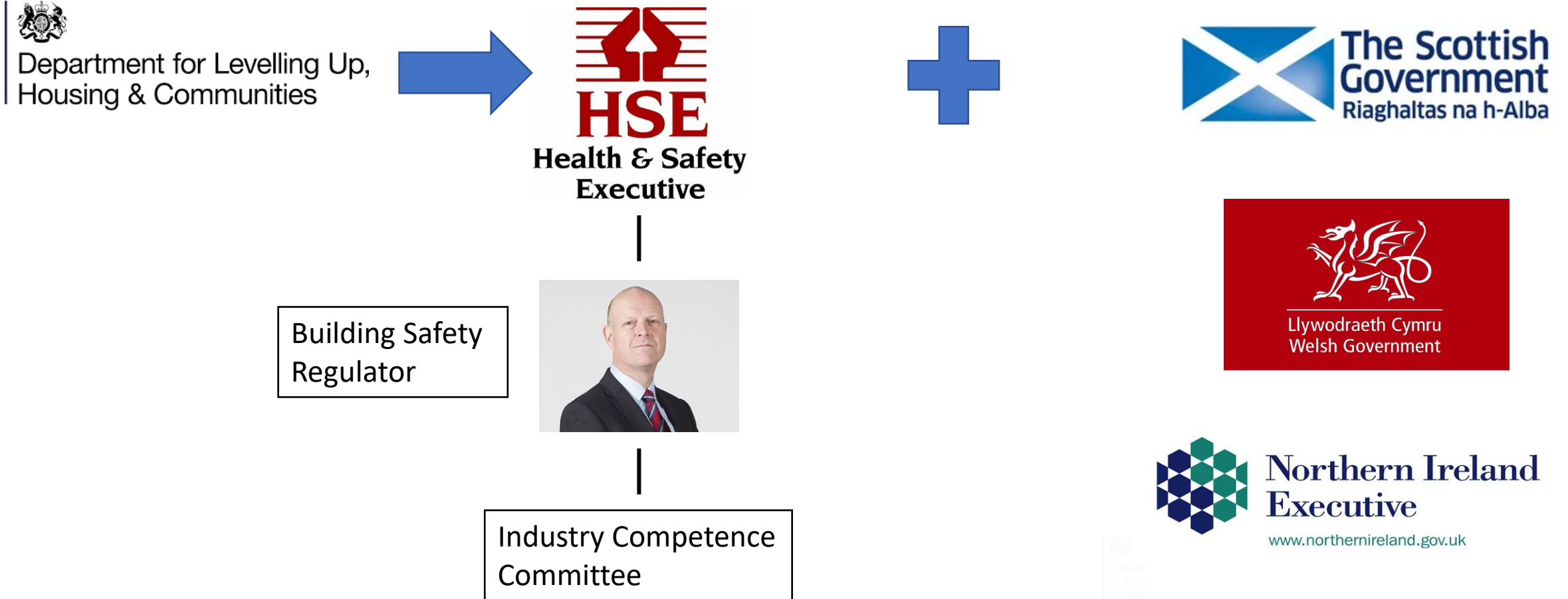
WG8 – Building Safety Managers

WG9 – Site Supervisors

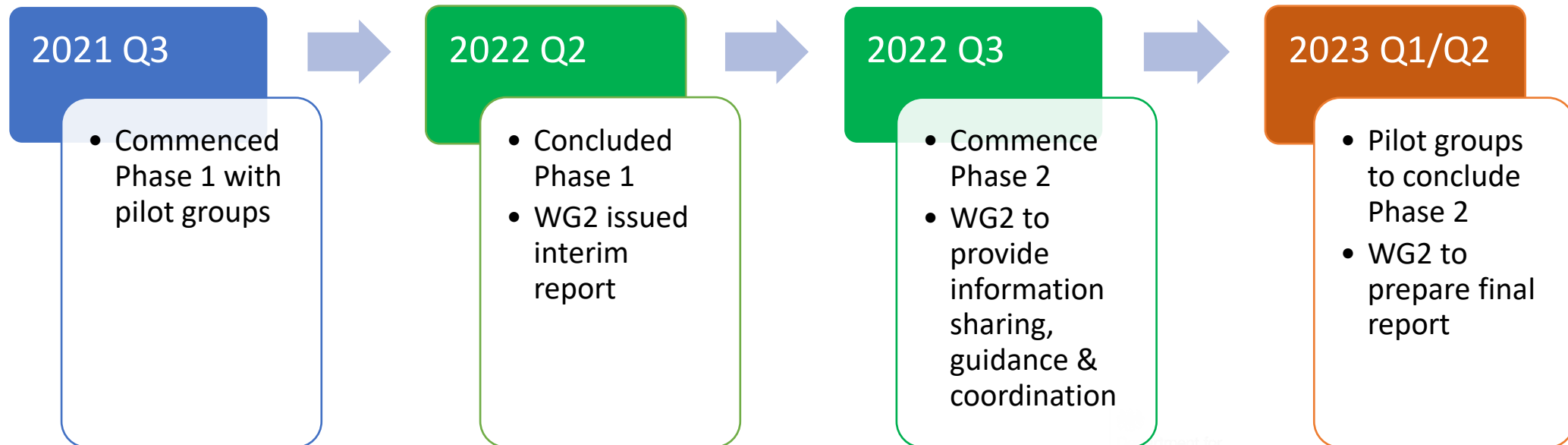
WG10 – Project Managers

WG11 – Procurement Professionals

Regulatory authority (Building Safety Act 2022)



WG2 pilots – Phases 1 and 2



Department for
Business, Energy
& Industrial Strategy

WG2 pilots – Phase 1 report (published 17 May)

Competence Steering Group

Working Group 2

Competence Framework – Installer Pilots Report (Phase One)

Date of issue: 17 May 2022

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Periodic revalidation of competence	Individuals wanting to maintain their safe registration need to undergo re-assessment for each applicable work type every five years. Appt form checks on currency of qualifications and HR competence as part of PMIs/PMR and renewal process, no standard revalidation process for individuals carrying out other aspects of CPB work.	Sector representatives broadly positive about the safe revalidation process. N/A for other CPB work.	N/A for other CPB work. N/A for other CPB work.	This section is not covered as the approach to the revalidation of competence differs between Domestic Plumbing and Heating. Experience to the safe revalidation engine provides the CPB sector with a change foundation on which to build their own after it is able to deliver. The primary action for phase two, therefore, will be to extend periodic revalidation to other (non-gaz) aspects of CPB work.
Technical knowledge assessment	Knowledge elements incorporated into sector recognised apprenticeship and CDEs.	Some qualifications fulfil sector recognised knowledge standards, whilst others (e.g., VQ level) do not. Sector representatives say they are engaging with learning organisations in order to clear down these qualifications which are not fit for purpose.	Knowledge coverage likely to be higher than for other aspects of competence because some, though not all, full-time/part-funded qualifications meet sector knowledge requirements at least.	See comment above about addressing non-compliant qualifications and training during phase two.
Level two vocational competence-based qualification (excluding Scotland)	CPB not in place.	Domestic plumbing and heating VQ level three, some qualifications are aligned to the group as no longer fit for purpose and therefore to be discontinued.	New VQ level two related to new in direction, but for historical reasons mainly of existing provisions in England and Wales currently remain qualified to VQ level two rather than VQ level three (see above).	This row has been added as an interim measure as it is not yet clear if level two and therefore represent a risk that some people could not be trained to the proposed higher level of competence. See comment above about addressing non-compliant qualifications and training during phase two.
Level three vocational competence-based qualification	Sector recognised VQ level three available in England, Wales and Northern Ireland. Thinking and testing at VQ level three also available.	Yes.	As explained above, not all qualifications comply with industry recognised standards. Also, significant legislative in England, Wales and Northern Ireland from past performance for VQ level two. New national, however, not predominantly VQ level three.	See comment above about addressing non-compliant qualifications and training during phase two.
Apprenticeship	Plumbing and Domestic Heating Technicians (England). Plumbing and Heating (Wales & Northern Ireland). A new level three aimed to replace existing framework in Wales. Not being broken new as neither is continued attachment to level two.	Generally, yes (although see above for a split in pathway due to level three standard in England).	Plumbing remains one of the strongest construction-related apprenticeships in terms of take up. Sector representatives require support in addressing legislative in England, Wales and Northern Ireland, particularly in terms of alternative, non-vocational routes (e.g., full time, self-funded and 'fast-track' commercial courses).	See comment above about addressing non-compliant qualifications and training during phase two.
Experienced worker route (EWR)	No current EWR in place. Recognised as of pilot learning route previously available in but, in England and Wales, require services, and industry to be observed.	N/A.	N/A.	CPB is currently leading a new initiative to develop an EWR to be used to upskill existing plumbers qualified to level two, as well as other core entry building sector or incomplete qualifications. No formal assessment will be rolled out until all relevant stakeholders are participating. Phase two offers an opportunity to build further support for the development of a fully inclusive.

Call to action to the rest of industry

CLC News Release

17.05.2022 **Building Safety - First stage complete in journey towards fully competent installer workforce**

The construction and built environment sector must maintain momentum to ensure the competence of installation organisations and employees as a key report highlights 'red flags' amid wider progress on Building Safety.

The Construction Leadership Council has welcomed the publication today of a report setting out the current state of competence arrangements for those installing products and systems in buildings.

Mark Reynolds, Sponsor for the CLC's People and Skills Network, said:

"Publication of Working Group 2's latest report marks an important milestone in progress towards improved standards of installer competence in the built environment. The CLC will continue to do all we can to assist with the pilots and I would urge other installer sectors now to embark on their own competence journeys, drawing on the resources which Working Group 2 has provided."

Opportunities and challenges for Education

- Potentially enhanced profile and demand for apprenticeships and other robust, competence-based qualifications
 - Also possibly more interest in CPD, upskilling, higher-level apprenticeships, etc.
-
- Amending/ supplementing apprenticeships and qualifications to align with frameworks
 - Avoiding clashes between IFATE review and framework development timetables
 - Reviewing robustness of current validation processes
 - Demonstrating capacity to scale up, deliver new requirements, etc.
 - Developing more positive approaches to experienced worker assessment and RPL
 - Competing with other competence assessment models indifferent/ hostile to education?

Finding out more

- Working Group 2 report:
<https://www.constructionleadershipcouncil.co.uk/wp-content/uploads/2022/05/WG2-Phase-1-Report-17-May-2022.pdf>
- BSI Flex 8670: <https://www.bsigroup.com/en-GB/industries-and-sectors/construction-and-the-built-environment/built-environment-competence-standards/>
- Trade associations/ professional institutions – for example:
<https://www.eca.co.uk/news-and-events/news/2022/may/eca-calls-for-stronger-competency-requirements-in>



EAS Update

Paul Collins – Head of Technical Services

What is EAS?

- Electrotechnical Assessment Specification
- Used by Certification and Registration bodies to assess 'contractor' competence
- Expands on the general requirements for bodies operating product certification (including process and service) schemes to ISO/IEC17065
- Management committee that includes representatives of the competent person scheme providers, trade associations, AO's, Government, Electrical Safety First, TESP and the IET

<https://electrical.theiet.org/bs-7671/building-regulations/electrotechnical-assessment-specification/>

Recent EAS Changes

- From 1st September 2021 changes to qualification requirements for proposed Qualified Supervisors – more robust
- Introduction of 2 new Appendices –
 - Appendix 11 – Guidance for demonstrating competence of employed persons
 - Appendix 12 – Risk Based Surveillance Visits
- Records –
 - demonstrating that all Employed Persons are competent and/or adequately supervised to undertake Electrotechnical work.
 - relevant qualifications, training (including Continuing Professional Development) and experience

Future EAS Updates

- Following output from CLC and relevant working groups
- Ongoing updates to EAS Qualifications Guide
- Ongoing discussions on CPD – what is required and how much is needed
- Incorporate MTC changes for Competent Persons Schemes

MTC Updates

- MTC Updates
 - Change from Minimum Technical Competence to Mandatory Technical Competence
 - Update requirements to QS competence based on the new Domestic Electrician Standard
 - Includes competence requirements for QS if the Enterprise undertakes EV and Battery Storage installations
- Timeline –
 - Work In Progress via Task Groups
 - Transition plan

<https://www.gov.uk/guidance/competent-person-scheme-current-schemes-and-how-schemes-are-authorised#how-schemes-are-authorised>



THANK YOU

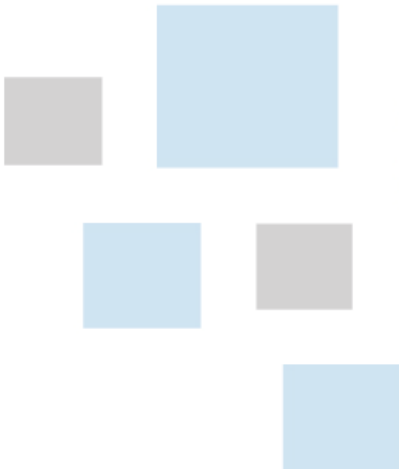
paul.collins@certsure.com

Experienced Worker Assessments and RPL

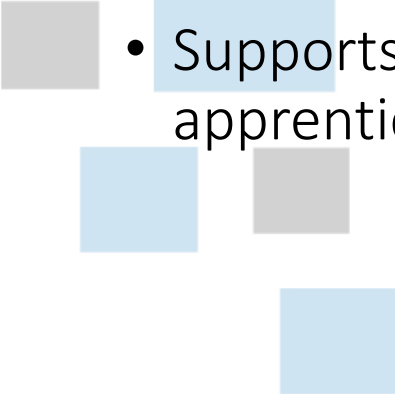
Ruth Devine

Managing Director - SJD Electrical

Chair - The Electrotechnical Skills Partnership



Experienced Worker Assessments (EWA)

- EWA is benchmarked against the content of the relevant apprenticeship standard
 - It is a process - includes relevant technical qualifications, assessment of performance in the workplace and end point assessment (same content as apprenticeship)
 - EWA can be recognised via an ECS gold card
 - EWA is recognised in the routes to Qualified Supervisor with the Electrotechnical Assessment Specification
 - Supports a consistent industry benchmark, whether achieved via an apprenticeship, NVQ or EWA route
- 

Experienced Worker Assessments (EWA)

- **Electrotechnical EWA** - significant registrations and interest. TESP website has list of approved providers. Approach will be strengthened when current apprenticeship standard revision is complete
- **Domestic Electrician EWA** - development underway via an industry working group. Will incorporate learnings from the Electrotechnical EWA experience
- **Fire, Emergency and Security Systems (FESS) EWA** is also now available

Electrotechnical EWA Issues and Considerations

- EWA is not a short cut. Evident that some providers are interpreting the requirement for "5 years experience as a practising electrician **post-training**" very flexibly

What TESP is doing:

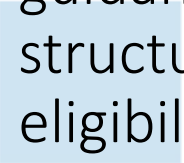
- More rigid processes are being developed to help providers determine and evidence eligibility. NET refers gateway applications for AO checks where applicant's age raises a query, gateway can be suspended or refused

Issues and Considerations

- Ongoing inconsistent approaches to Recognising Prior Learning

What TESP is doing:


- RPL strategies for both apprenticeships are being reviewed, with more prescriptive guidance for training providers and candidates and consideration to an amended structure, e.g. the Skills Scan as a formal qualification unit rather than just eligibility guidance



Issues and Considerations

- Technical Knowledge Assessment – recognition that for the Domestic EWA process a stronger approach may be required

What TESP is doing:

- Existing qualifications will need to be mapped against the standard KSBs for consideration. Evaluating options for technical knowledge assessment to ensure industry confidence
- 


Recognition of Prior Learning (RPL)

- Key area for IfATE, DfE and ESFA - concern over non-recognition or tokenistic RPL
- New [draft funding rules](#) – 2 days remaining to comment on wording
 - More detail on what initial assessment must include
 - A new formula that must be used to reduce the price that is agreed with the employer to account for prior learning
- New guidance will be published with the final funding rules

Recognition of Prior Learning (RPL)

- Apprenticeship system will require providers to confirm whether RPL has been applied, will be visible to employers. ESFA will audit and are increasing activity
- On going development to the digital service to capture sufficient information

TESP View: New approach is welcome, but not sufficiently detailed or robust to ensure a consistent approach. We have shared our thinking around a more detailed RPL specification and approach. DfE have viewed this positively and we will share the detail with them as revisions are agreed.

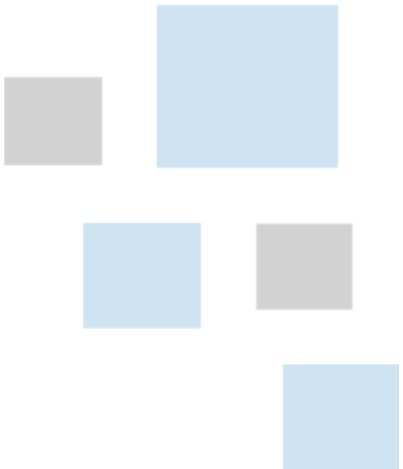


Apprenticeship Updates

Abi Shaw

Shaw Williams

Verbal Update





NET Updates

Bill Lockyer

Quality and Verification Manager



National Electrotechnical Training

- NET is a registered End Point Assessment Organisation for Apprenticeship Standards regulated by IfATE
- NET facilitates the Assessment of Competence for ECS accreditation and Experienced Workers



AM2 Gateway Checks from Sept 2022

Apprentice

1. Checklist must be signed by candidate, Training Provider, Employer
2. Registration on Level 3 Electrotechnical (C&G 2357series EAL 1605 or 1604)

Adult non apprentice

1. Checklist must be signed by candidate, (Training Provider, Employer optional)
2. Registration on a Level 3 Electrotechnical (C&G2357 series EAL1605 or 1604, ETS 3 or 2356-99)

Details of where the training or assessment was carried out (i.e., where the registration or certification took place) must be included on the gateway submission for verification purposes.

An upload of a PDF document of **Learner History from the Awarding Organisation will be required**



AM2 Gateway Checks from Sept 2022

AM2S (England) End Point Assessment

1. Checklist signed by Employer, candidate and Training Provider
2. Electrotechnical qualification (C&G 5357 EAL 7345) and Maths and English at Level 2

The details of current employer are required as NET apply for the apprenticeship certificate which is then dispatched to the employer, from The Apprenticeship Service.



AM2 Gateway Checks from Sept 2022

AM2S Nations

1. Checklist signed by Employer, candidate and Training Provider
2. Electrotechnical qualification,(C&G 5357 EAL 7345)

Details of the Training Provider are important to enable NET to send results, as there are different process to claiming apprenticeship certificates within the United Kingdom.



AM2 Gateway Checks from Sept 2022

AM2E

1. Checklist signed by candidate (employer and Training Provider optional)
2. Completion of EWA qualification C&G 2346 or EAL 5982

Details of the Training provider or assessment service to be declared on details of gateway check



Gateway Checks

In all cases NET will only accept gateways:

1. Submitted on the current checklist downloaded from NET website
2. Dates of signatures must be within 6 months of gateway submission to ensure currency of knowledge and understanding

Any Gateway checks which do not meet these requirements will be rejected back to the originator.



AM2 Centres

- No new Centres are currently being approved as there is sufficient capacity within the current provision nationally.
- There is a list of centres who have expressed an interest which will be considered as demand grows.
- Continuous improvements are being made to the assessments and quality assurance.



Domestic Electrician

- NET were pleased that the Employer group had decided on an AM2 model for the assessment of this Apprenticeship Standard released this month.
- NET are currently working on the assessment which consists of
 1. An Installation Build
 2. Inspection and Testing of the Installation
 3. Fault finding
 4. Scenario based interview
 5. Condition Reporting
 6. Knowledge Examination



Domestic Electrician

- NET is working on the assessment strategy
- Existing NET Centres will have the opportunity to carry out the assessment
- As an End Point Assessment, this will initially be available in England and will come under the regulatory control
- As a separate Standard it will have to be kept separate from AM2
- Possibility of DE Centres.



Thank You

Useful Links:

AM2 Gateway Requirements from September 2022:

<https://www.netservices.org.uk/booking-and-admin-help/am2-gateway-from-september-2022/>

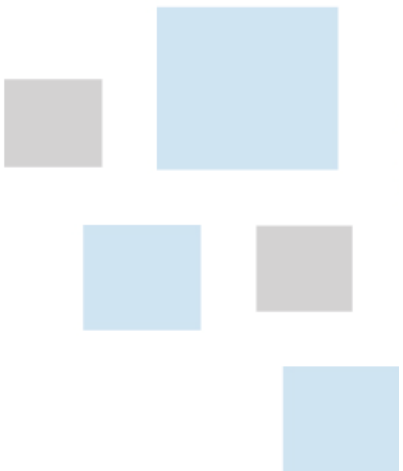
Checklists:

<https://www.netservices.org.uk/readiness-for-assessment/>

Level 3 Qualifications Reform (England)

Carolyn Mason

The Electrotechnical Skills Partnership




Background


- Part of government reforms of Post-16 qualifications system
- Focus on A-levels and T-levels as core offer and "qualifications of choice"
- Phased withdrawal of 16-19 funding for technical qualifications that overlap with T-levels
- New criteria and IFATE approvals process for new technical qualifications
- Separate consultation completed for Post 16 Level 2 and below



Key Dates


- **May 2022:** Publication of initial list of 160 qualifications to be defunded - includes C&G/EAL L3 NVQ Diplomas and Technical Diploma/Advanced Diplomas
 - **September 2022:** List confirmed following window for appeals
 - **Autumn 2022:** Guidance and criteria for development of new technical qualifications
 - **Autumn 2022-Summer 2023:** First Submission Window for new technical qualifications for delivery from August 2025
 - **August 2024:** 16-19 funding removed for overlapping qualifications
- 
- A decorative graphic consisting of several squares of varying sizes and colors (light blue and grey) arranged in a staggered pattern in the bottom left corner of the slide.

Implications

- TESP working with awarding organisations to confirm impact on training routes and areas where new qualifications may be required
 - Funding will be available for certain additional qualifications for adults to support entry into technical occupations
 - T-levels currently unproven, concern remains around availability and consistency of work placement element and funding for progression
 - Opportunity to strengthen delivery and simplify advice and guidance
 - Significant increase in apprenticeship places needed to meet demand
- 
- A decorative graphic consisting of several squares of varying sizes and colors (light blue and grey) arranged in a scattered pattern in the bottom left corner of the slide.

T Level TQs in Onsite Construction and Building Services Engineering – Overview

T-LEVELS

 Institute for Apprenticeship
& Technical Education


City &
Guilds

 eal

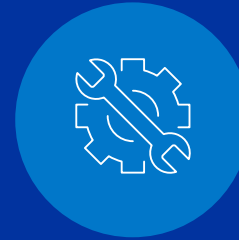
Start your career in Building Services Engineering with a T Level

Overview of the Technical Qualification

To achieve the T Level Technical Qualification in Building Services Engineering (BSE) for Construction you'll need to complete the two components of the TQ. These are known as the core component and the occupational specialism. You'll have the choice of studying one standalone occupational specialism or a combination of specialisms as listed below:

Core

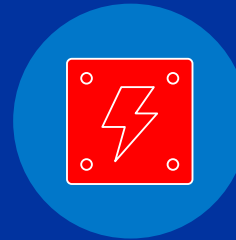
(Assessed by two externally set and marked exams and an employer set project)



Building Services Engineering

Group A Standalone Occupational Specialisms:

Occupational Specialism, either grouped (bottom set) or single (top set) (Which is assessed by a practical assignment for each Occupational Specialism)



Electrotechnical engineering



Electrical and Electronic equipment engineering

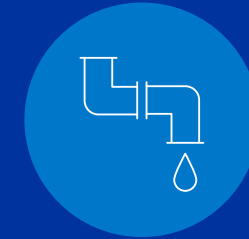


Protection system engineering



Gas engineering

Group B Combination Occupational Specialisms:



Plumbing engineering



Heating engineering



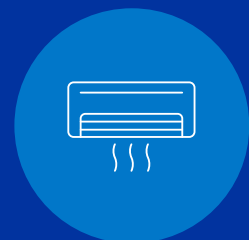
Heating engineering



Ventilation



Refrigeration engineering



Air condition engineering

T Level Transition programme

Qualification	Qualification Number	Qualification	Guided Learning Hours (GLH)
Diagnostic and Guidance	Providers to deliver: To assess learners' capability and support needs in order to tailor this Transition Programme to address these needs. Help learners decide which T Level route they want to prepare for.		
GCSE	Providers to deliver	Providers to deliver	GCSE 130 GLH
L2 Maths & English Functional Skills (Current funding rules apply to centres wishing to deliver FS)	4748-04 4748-02	Level 2 Maths Level 2 English	55 GLH (Maths) 55 GLH (English)
Technical Skills	8202-20 8202-25 7905-20 7906-20 7906-21 7907-20 7908-20	Level 2 Technical Certificate in Electrical Installation Level 2 Technical Certificate in Plumbing Level 2 Technical Certificate in Bricklaying Level 2 Technical Certificate in Site Carpentry Level 2 Technical Certificate in Architectural Joinery Level 2 Technical Certificate in Painting and Decorating Level 2 Technical Certificate in Plastering (Solid, Fibrous, interior systems)	360 GLH 360 GLH 360 GLH 360 GLH 360 GLH 360 GLH 360 GLH
Work experience and preparation	5546-04 5546-04	Employability Skills (Level 2 Certificate) Employability Skills (Level 1 Certificate)	85 GLH 77 GLH
Pastoral Support	5546-04	Employability Skills (Level 1 & Level 2 Certificate)	(Incorporated in the above)

Progression into an Apprenticeship

- Successful learners can join the Electrotechnical apprenticeship standard
- Approved by industry and the Institute the exemption document outlines to employers learners and channel partners what learners will need still need to complete to gain competence

T-LEVELS Institute for Apprenticeships
& Technical Education

**T Level Technical
Qualification in Building
Services Engineering
(Electrotechnical
Engineering)**

T-LEVELS

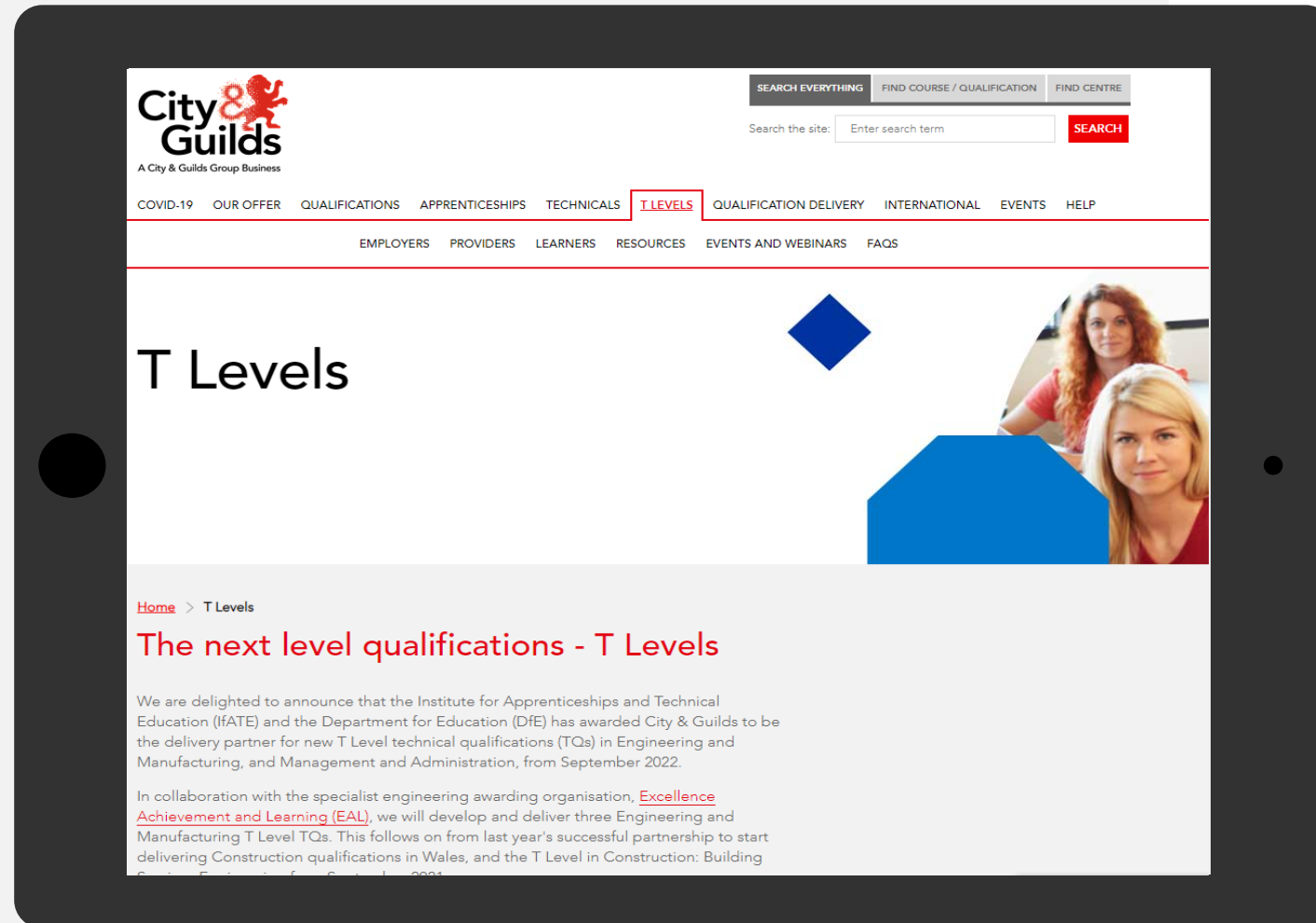


Institute for Apprenticeships
& Technical Education

Support

City & Guilds

eat



Support and Guidance

Ready to support eligible providers and stakeholder engagement

- Delivery Resources
- Updated webpage for T Levels
- Timeline
- Planning and delivery resources
- Provider focus groups
- Employer Industry Boards
- e-bulletins
- Qualification specification
- Dedicated Technical Advisors

[Resource Hub - T Levels | City & Guilds \(cityandguilds.com\)](https://www.cityandguilds.com/Resource-Hub-T-Levels)

Paid for resources: supporting delivery with Hodder Education Building Services Engineering and Construction T Level: Core



- Complete coverage of T Level's core component
- Prepares students for core exams and ESP
- BSE Publishing end of June 2022!
- Construction publishing end of August 2022!
- Available in print and digital formats
- E-mail Tom Stottor if you would like to review the full book proofs or request sample chapter thomas.stottor@hoddereducation.co.uk

T-LEVELS

 Institute for Apprenticeships
& Technical Education

Employers

 City & Guilds

 eai

Employers - Overview

Nathan Smith – ESP Electrical

“I have been involved with development of T Levels as an employer working with City & Guilds and EAL. Also I have met and spoken with colleges and employers. Some key points:”

- T Levels have been designed with consultation with industry, and engagement on content and employer set project.
- Industry Placement with an employer, focused on developing the practical and technical skills required for the occupation. These will last a minimum of 315 hours (approximately 45 days) but can last longer.



Employers – Overview - Advantages

- T Levels will provide a recognised and standardised qualification, assisting employers.
- T Level industry placements will enable employers to engage with students, opening up future employment possibilities with knowledge of the individual.
- Successful T Level students will offer employers a BSE & core content subject knowledge.
- Industry placements with an agreement of FE would offer the employer site continuity with apprentices attending college.

**T-LEVELS** Institute for Apprenticeships
& Technical Education

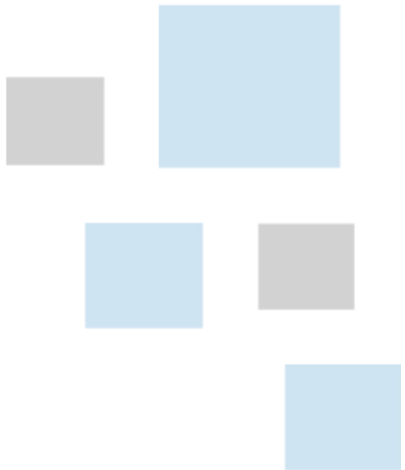
Employers – Overview of Challenges

- Lack of employer awareness and understanding of T Levels.
- Many employers, especially SMEs, have limited time and resources and therefore find industry placement a challenge.
- Training providers need to be engaged to deliver T Levels. In many regions there is not a direct link to college/employer networks.
- Clear mapping for Student/Employer to understand start-journey-destination.
- Understanding transition into apprenticeship, for applied practical skills & understanding, competence and reinforced learning.
- Recognition of Prior Learning (RPL), timescale of apprenticeship & funding.



TESP with its industry Partners can support & Inform on the delivery of T Levels

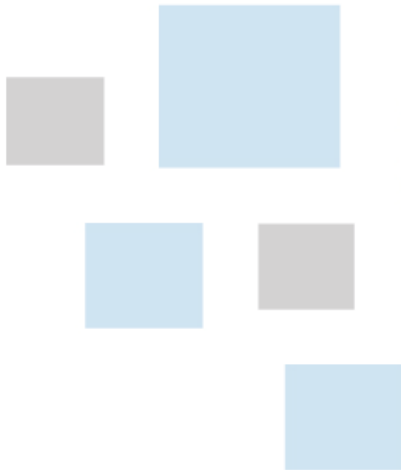
Awarding Organisation Updates



City & Guilds

Salim Visram

Lead Industry Manager | Industry, Products and Services



Reskilling the workforce to install...

Three qualification pathways:

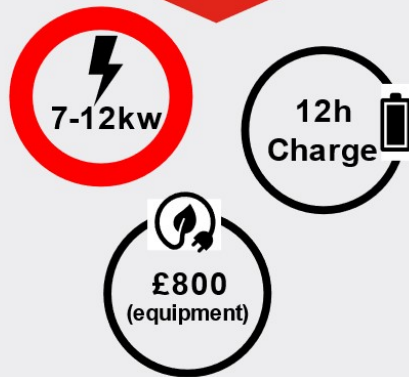
- Domestic chargers
- Largescale chargers
- Installation design



Domestic chargers

Take several hours to charge but are necessary as cars must be charged this way regularly, to maintain a stable battery

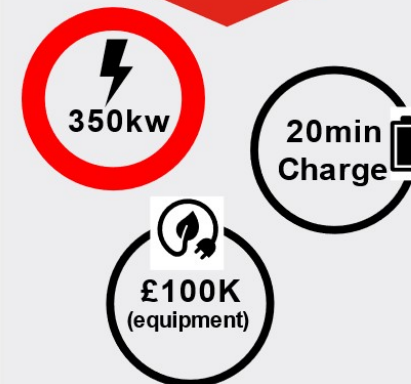
Can be installed by domestic electricians with the correct training and certification



Largescale chargers

Found in parking locations, service stations and hydrocarbon retailers. Can't be used exclusively as damage battery but far quicker

Only installed by qualified specialist electrical engineers need to deal with high power units



For existing electricians and electrical engineers looking to design installations including large-scale EVC sites.

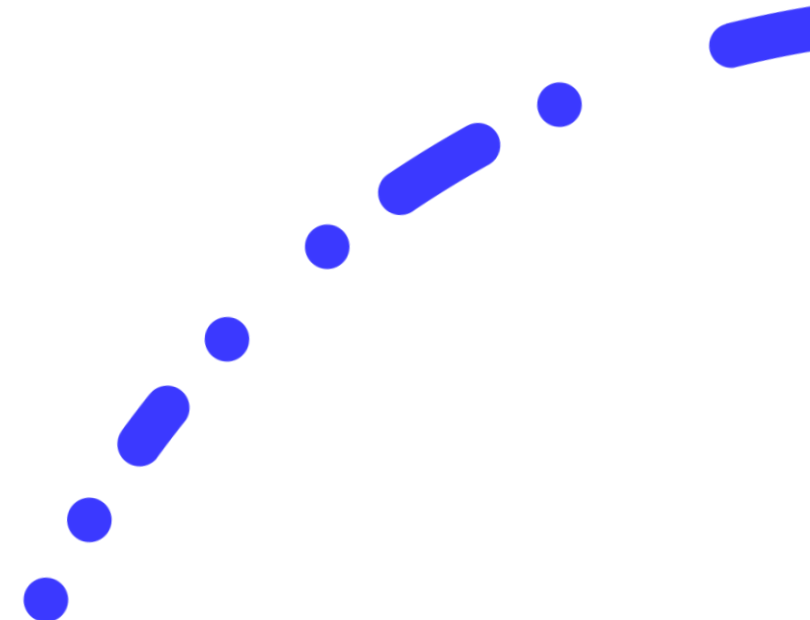
Installation design

Design of location for high-current units at petrol filling stations, or multiple charge points at factory or fleet carparks.

EAL Update

June 2022

Kevin Sparrow, Product Specialist



Key Updates:

Wales:

- EAL Building Services Engineering (Level 3) – Electrotechnical Installation
- EAL Progression in Building Services Engineering (Level 2).

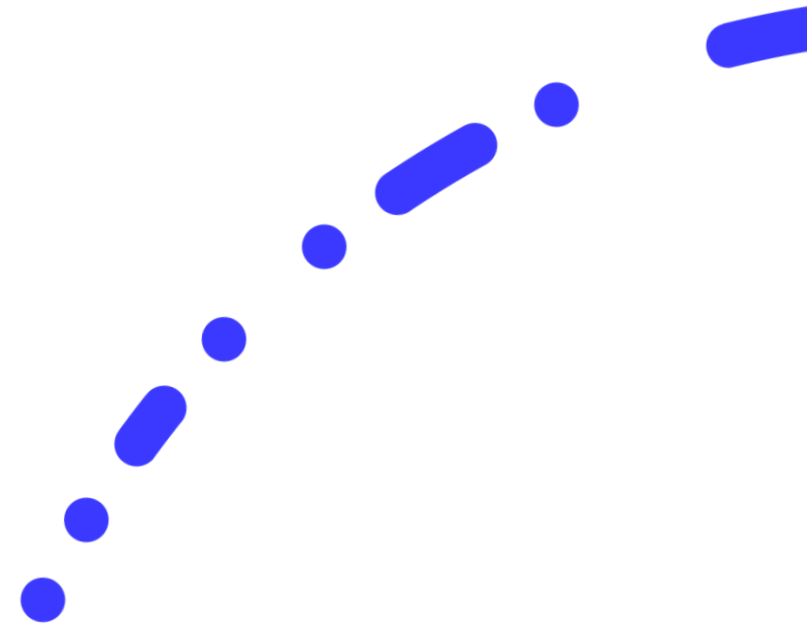
England:

- EAL Level 3 Electrotechnical in Dwellings Qualification.

Other:

- 18th Edition A2: Updating existing qualifications for new A2 unit, and updating assessments where applicable
- EAL Level 3 Award in the Requirements of Fire Detection and Fire Alarm Systems for Buildings
BS 5839-6
- EAL Level 3 Award in the Commissioning, Handover and Servicing of Fire Detection and Alarm Systems to BS
5839-1
- Other developments coming soon.

Thank You





Introduction to LCL Awards

Phil Williams, Technical Manager

History -

- Logic Certification Limited (LCL Awards) was started in 2004 as a certification body accredited to BS EN ISO/IEC 17024 by the United Kingdom Accreditation Service (UKAS).
- Initially, Logic Certification delivered certificates of competence purely for the Accredited Certification Scheme (ACS), which is one of the entry routes for gas fitting operatives to register with Gas Safe Register.

History -

- May 2011 Logic Certification was formally recognised by Ofqual as an Awarding Organisation able to develop, deliver and award qualifications within England, Wales and Northern Ireland.
- June 2019 Logic Certification Limited undertook a rebranding process and is now trading under the title of LCL Awards.

Regulated Qualifications

Our suite of Electrotechnical qualifications are currently all being updated to reflect Amendment 2 of BS7671

Level 3 Award in the Requirements for Electrical Installations BS7671:2018

Level 3 Award in the Initial Verification, Periodic Inspection Testing, Condition Reporting and Certification of Electrical Installations (suite of three)

Regulated Qualifications

Level 2 Award in Electrical Safety Awareness in Social Housing and Residential Dwellings

Level 3 Certificate In Installing, Testing and Ensuring Compliance of Electrical Installations in Dwellings.

Renewable Technology

Level 3 Award In the Installation and Maintenance of Small Scale Solar Photovoltaic Systems

Level 3 Award in the Installation and Commissioning of Electric Vehicle Charging Equipment in Domestic, Commercial and Industrial locations

Level 3 Award in the Design, Installation and Commissioning of Electrical Energy Storage Systems (Battery Storage)

Renewable Technology

Level 3 Award in the Installation and Maintenance of Heat Pumps Systems
(Non-refrigerant Circuits)

Level 3 Award in Low Temperature Heating and Hot Water Systems in
Dwellings

Level 3 Award in Energy Efficiency for Gas fired and Oil Fired Domestic
Heating and Hot Water Systems

Further Information

A full list of all of these specialist qualifications, along with pre-requisite information, can be found on the LCL Awards website www.lclawards.co.uk



LCLawards.co.uk

TESP Training and Qualifications Forum

Wednesday 22 June 2022

Dan Woods (Technical Business Support Manager)

dwoods@bpec.org.uk

 Find us on LinkedIn

 Follow us at @bpec1

 View us at flickr.com/bpec1

 Join us at facebook.com/bpecpage

 Watch us at youtube.com/bpec123

T: 01332 376000

F: 0845 121 1931

E: info@bpec.org.uk

W: www.bpec.org.uk

BPEC, 1-2 Mallard Way, Pride Park, Derby, DE24 8GX

Apprenticeships

End-point Assessment – Fire, Emergency and Security Systems Technician (ST0189)

For further information please contact EPA@bpec.org.uk

Useful Links

[About BPEC](#)

[BPEC - End-point Assessment](#)

[BPEC – Electrical Energy Storage Systems](#)

[BPEC – Charity](#)

Training Course

Electrical Energy Storage Systems

For further information please contact Services@bpec.org.uk



ecs



ECS System Overview

Training & Qualifications Forum 22nd June



Training & Qualifications Forum

- QS Recognition
- JIB Training Provider Scheme
 - EWA Card
 - Apprentice Registration (and Pre-Apprentice)
 - Completing Apprentices and the 18th edition
 - Work Experience card

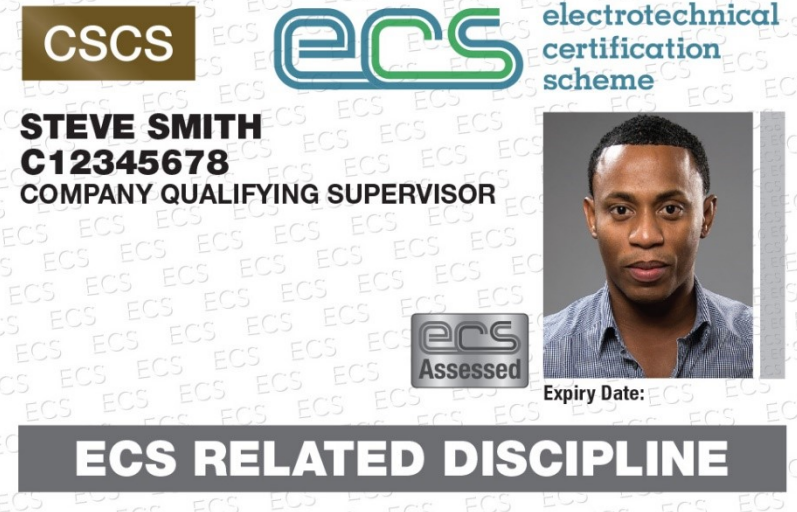


QS Recognition

- The ECS Related Discipline Qualifying Supervisor occupation is for people who are the Qualifying Supervisor for their company registration with a certification body
- The QS can be an additional occupation on
 - ECS gold card
 - Managers card

(Currently only NICEIC registration)

www.ecscard.org.uk/companyqs



JIB Training Provider Scheme

Access to:

- Register Apprentices/ Trainees
- Industry Placement (Work Experience) cards
- Experience Worker (EWA) cards
- ECS Assessments for students



Experienced Worker - EWA

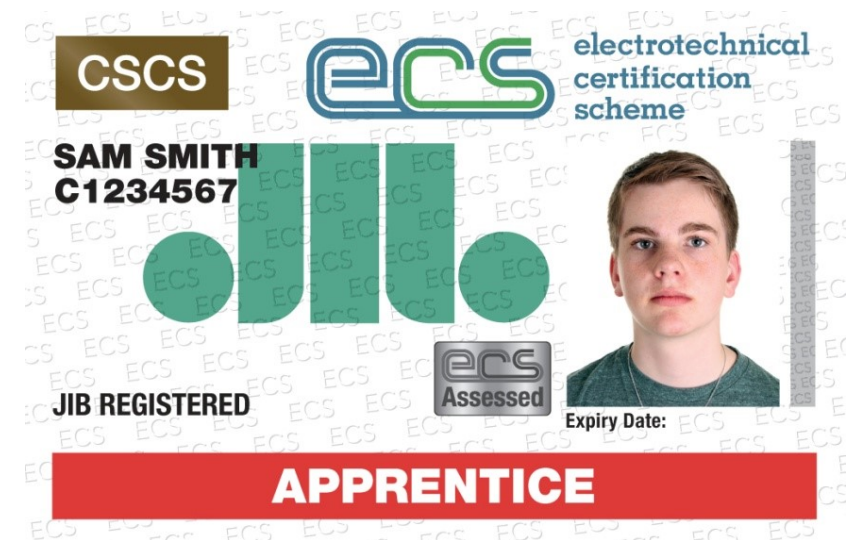
- ECS card delegates completing Electrotechnical Experienced Worker Assessment - Training providers apply
- Only valid for 18mths
- Free upgrade to gold card if EWA achieved and card applied for within life of card
- ECS HS&E assessment needed

www.ecscard.org.uk/ewa



Apprentice Registration

- Provides best way for apprentice to be industry recognised and on approved training programme - Registration made by Training Provider
- Package includes:
 - Initial ECS Apprentice card
 - Three Stage cards
 - Initial Gold Card on full completion (needs completing apprentice to apply)



Completing Apprentices and the 18th edition

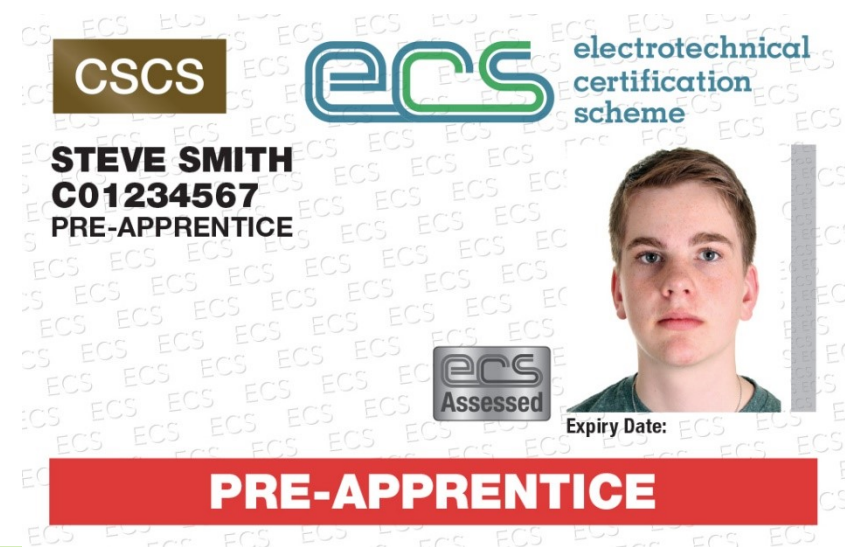
- A completing apprentice must have the 18th edition of the wiring regulations to meet scheme requirements
- If apprentice completed between 1st July 2018 and 30th June 2021
 - With 17th (old type card will be issued)
 - With 18th (Recommended - evidence is required)
- From 1st July 2021 evidence of the 18th edition is required

www.ecscard.org.uk/first



ECS Pre-apprentice

- The ECS Pre-apprentice card is designed to support the employer and potential apprentice in achieving a successful probationary period before the full apprentice registration is made by the training provider
- Employer must make a request in writing to the JIB
- ECS HS&E assessment needed



Work Experience and Industry Placement

- ECS - Work Experience and Industry Placement Card
- For learners engaged in work experience placement managed by training provider
- ECS HS&E assessment needed



Thank you for your attention

For more information about:

- The ECS Scheme
- MyECS
- The Employer Portal
- ECS Check

Please see:

www.ecscard.org.uk



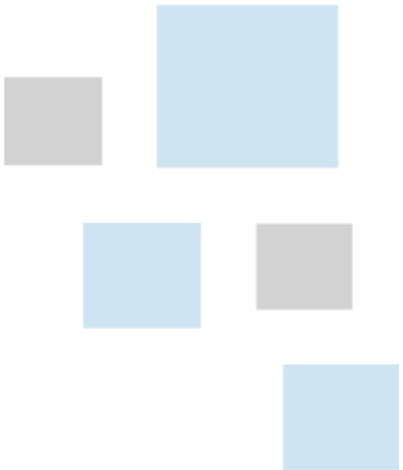
ecs



BSE Skills

Alan McDonald

BSE Skills



BSE Skills Introduction



BSE Skills is a formal partnership of:

- **SELECT:** Electrical Contractors' Association of Scotland
- **SNIFE:** Scottish and Northern Ireland Plumbing Employers Federation)
- **BESA:** Building Engineering Services Association)

BSE Skills is recognised by all 4 UK countries as the Development Partner for the BSE sector to develop:

- **National Occupational Standards (NOS):** UK-wide
- **Qualifications:** Scotland, Wales and NI
- **Apprenticeships:** Scotland, Wales and NI

BSE Skills Work Scope (1/2)



BSE Skills has successfully delivered a range of **NOS projects** across the UK including:

- Environmental Technology
- (Hard) Facilities Management: self-funded by BSE Skills due to industry demand
- Electrical Installation
- Heating and Ventilation
- Network Infrastructure Installation
- Plumbing & Heating
- Refrigeration & Air Conditioning
- Electrotechnical Compliance Dwelling
- Electrotechnical Services Project Management

BSE Skills Work Scope (2/2)



BSE Skills has successfully delivered a range of **Qualification and Apprenticeship** projects in Scotland, Wales and NI including:

- Electrotechnical
- Plumbing & Heating
- Heating and Ventilation
- Refrigeration
- Air Conditioning
- (Hard) Facilities Management

Apprenticeship work aligns across UK.

BSE Skills 2022/23



BSE Skills workplan for 2022/23 includes:

NOS

- Installation and Maintenance of Electrical Vehicle Charging Points
- Inspection and Testing of Fire and Smoke Dampers

Apprenticeships

- (Hard) Facilities Management at Level 2 (NI only)

Potential

- Submitted proposal for BSE Skills to be included in Framework of Delivery Partners on work related to Climate Emergency and Heat Decarbonisation in the BSE sector (Scotland only)

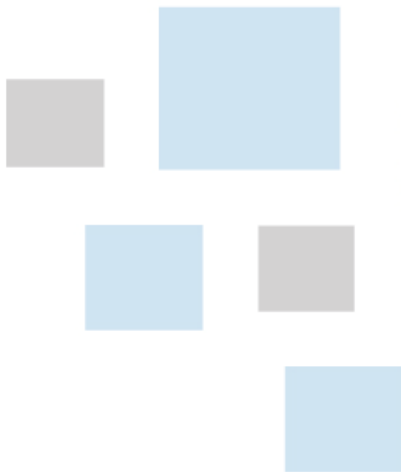
www.bseskills.com

info@bsekills.com

IET Update

Steven Devine

Senior Engineer, Technical Regulations





The Institution of
Engineering and Technology

IET Industry collaboration and opportunities

Membership, education and
Professional registration



Opportunities for Engineers

The IET has provided a route for engineers to gain recognition for their qualifications and expertise in their engineering field for decades.



Membership

The following tiers of IET membership are available

- Student (including Apprentices)
- Associate
- Member (MIET or TMIET)
- Fellow (FIET)
- Honorary Fellow (HonFIET)



Professional registration

The following tiers of Professional registration are available

- Chartered (CEng)
- Incorporated Engineer (IEng)
- Engineering Technician (EngTech)
- Electrician EngTech (EngTech)
- ICT Technician (ICTTech)



Education

Awarding organisations

The IET have worked closely with awarding organisations such as The City & Guilds and EAL, often collaborating on the development of electrotechnical qualifications such as Wiring Regulations updates and EV charging.



Education

IET Academy

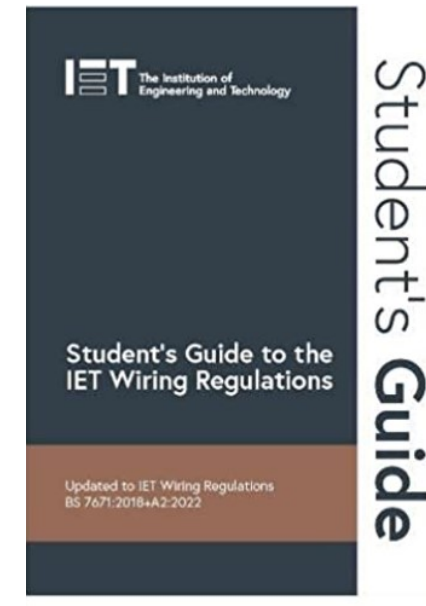
The IET Academy offers a huge number of training courses for many engineering disciplines and in particular for electricians.

The IET Academy has many CPD accredited course and several which are supported by awarding organisations such as C&G and EAL

Education

Student and lecturer resources

The IET have produced many educational videos for electrical students and lecturers that can be accessed for free on the IET's engineering channel and Youtube





In summary

The IET have had a very active role in education and training and continue to develop resources for electrical students and provide support for lecturers of electrotechnical qualifications and training.

The IET encourage lecturers to explore the resources, membership and professional registration options available from the IET



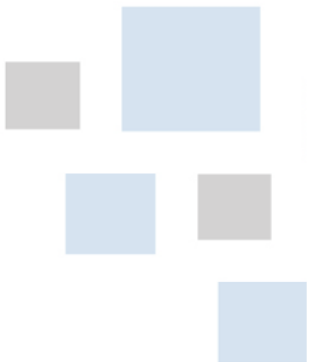
Useful links

- <https://www.theiet.org/membership/>
- <https://www.theiet.org/career/professional-registration/>
- <https://electrical.theiet.org/>
- <https://tv.theiet.org/index.html?series=27>
- <https://academy.theiet.org/>



Thank you

Questions



Close and Thank You

Please follow TESP for updates:

LinkedIn: <https://www.linkedin.com/company/30727250>

Twitter: https://twitter.com/TESP_Skills

