

Representing the Scottish
electrotechnical industry

cabletalk

AUGUST/SEPTEMBER 2022 | £4.50

SELECT



First class support

The team at the University of St Andrews reveal how membership of SELECT has paid dividends during a packed few months

→ The industry's golden boy Electrician Michael McKenna on his amazing season for Arbroath FC

Campaign backing gathers strength Associate Member TCW on why they've changed their mind on regulation

Making the right change What you need to know before starting work on replacing a consumer unit



DISTRIBUTION BOARDS

C/W PME FAULT DETECTION

Proteus offer a large range of standard and custom designed single phase loss of neutral units for EV charging. Depending on your installation type we have an offering to suit. Covering 6kA or 16kA boards, IP65 rated boards or PME Fault Detection incorporated into your consumer unit.



INSTALLATIONS ACCESSORIES



FOR MORE INFORMATION VISIT PROTEUSSWITCHGEAR.COM/PROTEUS-EV/

MP 454



01527 517117



www.proteusswitchgear.co.uk





SELECT
The Walled Garden,
Bush Estate,
Midlothian
EH26 0SB
t: 0131 445 5577
f: 0131 445 5548
e: admin@select.org.uk

MANAGING EDITOR
Iain Mason
iain.mason@select.org.uk

cabletalk
Published on behalf of SELECT by
Connect Publications (Scotland) Ltd,
Studio 2001, Mile End,
Paisley, PA1 1JS
t: +44 (0)141 561 0300
e: info@connectcommunications.co.uk

EDITOR
Sarah Wolstencroft
sarah.w@connectcommunications.co.uk

DESIGN & PRODUCTION
Ryan Swinney

ADVERTISING
David Hughes
davidh@connectcommunications.co.uk
0131 561 0022

Please phone our membership team on 0131 445 5577 to apply to become a Member of SELECT or if you would like more information about joining. Alternatively you can email us on memberservices@select.org.uk or submit an online enquiry. cabletalk is the official magazine of SELECT and is distributed free to qualifying readers. ISSN 1365-3288. SELECT is the trading style of the Electrical Contractors' Association of Scotland. The SELECT logo is a registered Collective Mark.

Contents

AUGUST/SEPTEMBER 2022

Regulars

- 05 COMMENT
- 06 NEWS
- 54 PROZONE
- 62 DIARY

Features

- 14 The University of St Andrews on the benefits of joining SELECT
- 20 Associate Member TCW backs our Wall of Support campaign
- 22 Branch Office Chris Liddell reveals his boxing comeback
- 28 Round-up from the return of our popular Toolbox Talks
- 30 Our adventurer gets ready to pack her bags for Peru trek

Technical

- 34 What you need to know before replacing a consumer unit
- 39 New advice guide highlights electrical safety at fish farms

"CHATting OVER A CUPPA BROUGHT HOME HOW MUCH SELECT MEANS TO ITS MEMBERS" // PAGE 28



MEMBER MICHAEL'S FOOTBALL CAREER

Training

- 40 Boost your knowledge with new course on electric vehicle charging

Industry Insight

- 42 Rudi Klein on the impact of new moveable property legislation
- 44 Private medical insurance and the importance of early intervention
- 46 Answering your legal questions about force majeure clauses
- 47 Following the rules on research and development tax relief

SJIB Bulletin

- 48 National Working Rules reminder plus farewell to Fiona Cornwall

SECTT Update

- 50 Four talented young Scots heading to the UK final of SkilleLECTRIC
- 52 Apprentice of the Year winners and meet our Talent of Tomorrow



FUN AT SELECT'S SUMMER CARNIVAL



The European Market Leader
in **Home Life Safety**



City & Guilds Assured Qualification DOMESTIC FIRE & CO ALARM SYSTEMS

Our brand-new course on Domestic Fire and Carbon Monoxide Alarm Systems is a City & Guilds Assured qualification - a global quality benchmark that recognises excellence in training and learning.

Gain a detailed understanding of the design, installation, maintenance, interconnection, siting, and electrical connection of Aico domestic alarm systems.

Are you eligible?

To be eligible to participate in the course you must be:

- An **Expert Installer**
- A member of the **Aico Installer Community**

For more details visit:

www.aico.co.uk/expert-installer

Find out more



“

The future is electric, and it is heartening to see so many Members embracing new technology and taking an interest in the innovations that will be familiar to us all in a few years – if not already

”

I'd like to start this issue by saying thank you to everyone who has wished me well during my recent absence from SELECT. Your 'get well soon' wishes have been very much appreciated and have brought great comfort to me over the past few months.

Taking a back seat for a while has given me a chance to perhaps see things from a different perspective than when I'm in the thick of things at The Walled Garden.

When you're at the metaphorical coalface day-to-day, with all the issues and curveballs that the job brings, it's sometimes hard to take stock and appreciate all the things we have to be grateful for in our industry.

The mood music that I've been hearing over the past few months seems to be mostly positive, with the majority of professionals wanting to get on with the job and continue delivering for clients.

Obviously Brexit and the ongoing aftermath of the pandemic continue to be troublesome hurdles, but, as ever, I'm struck by the positivity and professionalism of the electrotechnical sector in Scotland,

and a desire to see the glass half full (not something I always find easy!).

A good example of the positivity in our profession was the 184 electricians who added their names to our Wall of Support at the recent SELECT Toolbox Talks (see **pages 6 and 7**). This gives me great hope that our Members are as committed as we are to protecting our industry and making a safer Scotland for consumers and contractors alike.

I was also proud to see the electrotechnical sector play a starring role in the recent Green Home Festival organised by the Construction Industry Collective Voice (CICV).

As I have been saying for a while, the future is electric, and it is heartening to see so many Members embracing new technology and taking an interest in the innovations that will be familiar to us all in a few years – if not already.

Speaking of the future, another positive for me has been seeing the next generation coming through in the recent

SkillELECTRIC competition, which reassures me that our industry will be in safe hands when we pass on the baton to the talent of tomorrow. Take a look at this year's competitors on **pages 48 and 49** and remember their faces – I'm sure we'll be seeing a lot more of them in years to come!

Finally, I'd like to congratulate everyone at SELECT for our well-deserved nominations in the Association Excellence Awards (see **pages 8 and 9** for details).

To be nominated in three different categories shows the depth of talent and commitment we have at SELECT, and every one of my colleagues can be rightly proud of this recognition at a national level.

Hopefully by the next issue of *cabletalk* we will have at least one award in the trophy cabinet at SELECT HQ – fingers crossed until then. ■



WORDS
ALAN WILSON
Managing Director, SELECT

KEY INDUSTRY NEWS AND THE LATEST ON SELECT STRATEGY, CAMPAIGNS AND COLLABORATIONS

News

+ PAGE 8 /
SELECT celebrates landing three nominations in this year's Association Excellence Awards

+ PAGE 10 /
Details revealed of what delegates can expect at our first Professionals' Day

+ PAGE 11 /
Introducing some new faces who have joined the great team at SELECT's HQ

+ PAGE 12 /
Remembering our friend Malky with an emotional memorial day at The Walled Garden

FIONA GETS THE WORD OUT ON RADIO SHOW

SELECT's Fiona Harper recently appeared on national radio to discuss how the association is tackling the skills gap and the importance of trade associations to their members.

Our Director of Employment & Skills also provided an update on the ongoing battle over retentions on the Clive Holland Show on Fix Radio on Tuesday 26 July.

Discussing the need for properly qualified electricians, Fiona told Clive: "Becoming an electrician doesn't happen overnight – it's a very long and detailed apprenticeship.

"That's why we don't subscribe to the view that you can take anyone off the street and teach them any one aspect of electrical installation – we believe you need the **WHOLE** picture to understand how dangerous it can be and why you have to have suitably qualified people to carry out installations safely and correctly."

Highlighting the steady membership numbers at SELECT during the pandemic,

Fiona also told Clive: "No one is telling us that they no longer want to be part of a trade association – in fact, our retention rates are extremely high and we're working hard to keep them interested."

➔ Listen to the show again at bit.ly/fix-fiona – Fiona appears at the one hour and 26 minute mark.



↑ Fiona Harper



Roadshows help us drum up support

- Toolbox Talks see 184 electricians add names to Wall
- Certsure MD Richard Orton also gives his backing
- Associate Member Ryan signs up to campaign too

S **ELECT'S** campaign for regulation of the electrical industry has received a boost after more than 180 electricians added their names to the Wall of Support at our recent Toolbox Talks.

Our roadshows in May and June saw contractors from a range of SELECT Member firms give their backing to our growing crusade for protection of title for the profession of electrician.

A total of 184 electricians from across Scotland have now joined MPs, MSPs, trade bodies and industry groups on the

wall, with their names listed behind a 'super brick' at the heart of the digital graphic.

In a further sign of accelerating momentum, the campaign has also been endorsed by Certsure LLP, which offers certification services through the NICEIC brand, with Managing Director Richard Orton adding his name to the



↑ Richard Orton

9 FIRMS HAVE BECOME SELECT MEMBERS SINCE 1 JUNE 2022

1. RC Electrical, Galashiels
2. MIE Electrical Services, Kilmarnock
3. Roshine Limited, Glasgow
4. Hugh Smith Electrical Engineer Ltd, Forfar
5. JLA HVAC Limited, Bellshill
6. SS Electrical, Stranraer
7. CMC Climate Ltd, Bellshill
8. Lewis Kerr Electrical Ltd, Kinross
9. G&E Moncrieff Electrical Contractors, Lundin Links

"TECHNICAL INTEGRITY IS AT OUR CORE AND WE ARE SUPPORTIVE OF ANY INITIATIVE DESIGNED TO STRENGTHEN STANDARDS, ENCOURAGE CONTINUED PROFESSIONAL DEVELOPMENT AND ENSURE REGULAR ASSESSMENTS TAKE PLACE"

Wall. Mr Orton said: "Technical integrity is at our core and we are supportive of any initiative designed to strengthen standards, encourage continued professional development and ensure regular assessments take place.

"Such initiatives highlight responsible electrical contractors, and subsequently enable consumers

to make informed choices when selecting an electrical

contractor. That is why Certsure is supportive of SELECT's protection of title campaign."

Associate Member TCW is another recent addition to the Wall, with CEO and founder Ryan Dempsey signing up after attending our Toolbox Talks. His arrival follows that of Owen Thompson MP, Member of the UK Parliament for Midlothian and SNP Chief Whip, as well as a number of MSPs and other trade associations.

Alan Wilson, Managing Director

of SELECT, said: "It is clear that there is a continuing groundswell of support for our campaign, bolstered by our recent Toolbox Talks that delivered our message and aims in person to a wide audience and resulted in 184 electricians signing up, along with Ryan at TCW.

"We are also particularly pleased to welcome Certsure to the Wall of Support. It is an organisation for which we have the deepest respect and which shares our commitment to placing quality at centre stage as we seek to enhance and improve the industry."

The drive for protection of title is currently under consideration in the Scottish Parliament, with SELECT now planning meetings with other MPs and MSPs in the coming months to add further names to the Wall of Support.

➔ TCW Ryan – why I signed up:

Pages 20&21

➔ Toolbox Talks round-up: Pages 28&29

Visit the Wall of Support at bit.ly/SelectWOS

ALAN'S WEBINAR APPEARANCE ADDRESSES THE NEED FOR FAIR WORK IN THE INDUSTRY

As *cabletalk* went to press, SELECT Managing Director Alan Wilson was preparing to take part in a webinar with the Fair Work Convention (FWC).

Entitled *Building Fair Work in the Construction Industry*, the session on 11 August discussed the findings and recommendations from the recent FWC report of the same name.

Alan joined Ivan McKee, Minister

for Business, Trade, Tourism and Enterprise, in an open discussion on what the report and recommendations mean in practice for the sector.

Also taking part in the online debate were FWC Co-Chairs Mary Alexander and Professor Patricia Findlay, and Paul Mooney, Chair of the Unite construction national industry sector council (NISC).

↑ Building electric car charging infrastructure is vital to our aim to be a net zero nation

SELECT TO THE FORE IN FRINGE'S GREEN HOME FESTIVAL

SELECT played a starring role in the recent Green Home Festival, which was organised by the Construction Industry Collective Voice (CICV) as part of the Edinburgh Festival Fringe.

The association hosted two webinars as part of the week-long renewables jamboree, which delivered practical assistance and advice to help Scotland become a net zero nation.

The first, *Hitting the Road with EVs*, saw Technical Adviser Robert McGoogan co-host with fleet partners Pike + Bambridge to share tips on choosing an electric vehicle and how to go about installing a domestic charge point.

SELECT also co-hosted another session, *Taking the Swedish View*, in which award-winning Swedish construction company Botkyrkabyggen revealed how they use solar panels, wind turbines, artificial intelligence and district heating to improve energy efficiency.

If you want to watch a recording of either webinar, links for both are available on the SELECT website.

The Green Home Festival was officially opened on Monday 8 August by Patrick Harvie, Minister for Zero Carbon Buildings, Active Travel and Tenants' Rights.

The five-day event saw 12 in-person and virtual presentations on green topics, targeting homeowners, professionals, housing associations and local authorities. Other organisations who took part included SNIPEF, Electrical Safety First and the Federation of Master Builders.

GREEN HOME FESTIVAL
BROUGHT TO YOU BY THE 



↑ Our Alarm Ambassadors campaign with Aico received significant press coverage

Three award nods for Association Excellence

S ELECT has been nominated for three prestigious awards in this year's Association Excellence Awards, which salute the vital work of trade associations across the UK.

The first nomination sees us nominated for **Best Membership Support Since COVID-19**, recognising our ongoing response to the pandemic, which included offering members a discounted subscription and wealth of practical support.

It also acknowledges the huge range of employment, financial, health and safety and contractual guidance delivered via our in-house teams and through the creation of the Construction Industry Coronavirus (CICV) Forum.

SELECT's second awards nod is for **Best Awareness Campaign or Advancement of a Cause**

(launched in 2022), with our team recognised for the high-profile Alarm Ambassadors initiative, sponsored by Aico.

Launched in January, the campaign saw SELECT Member firms across the country carry out free installations for elderly and disabled people identified by the Care and Repair Scotland charity to help them comply with new government regulations.

SELECT's third Association Excellence nomination is for **Best Association Newsletter, Blog, Online or Physical Publication**, which sees our newly-relaunched stakeholder magazine, *cabletalk*, among the finalists. We'll now go up against



↑ Our COVID-19 support has been recognised

THOUGHTFUL PAIR ROUND OFF OUR ALARM AMBASSADORS

Bighearted electricians from two SELECT Member firms have carried out the final installations in our Alarm Ambassadors

campaign, sponsored by Aico. Ricky Brown from Complete Electrical Solutions (Scotland) fitted heat, smoke

and carbon monoxide (CO) alarms for an elderly couple in Auchterhouse, Dundee, on 29 June. The couple, who

"I'M DELIGHTED TO BE ABLE TO HELP SOME OF THE MOST VULNERABLE PEOPLE IN OUR SOCIETY AND OFFER PEACE OF MIND TO THOSE WHO NEED IT MOST"



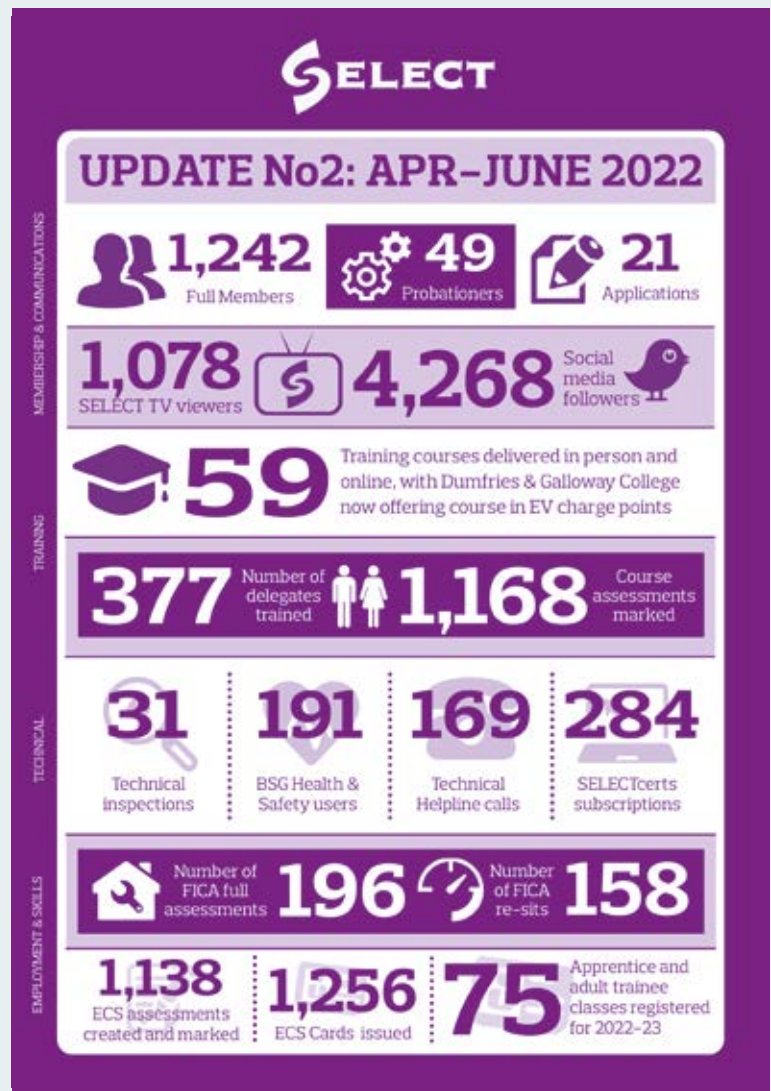
"THESE NOMINATIONS ARE A SIGNIFICANT ENDORSEMENT FOR THE TREMENDOUS WORK CARRIED OUT BY EVERYONE AT SELECT OVER THE PAST COUPLE OF YEARS"

fellow trade associations from around the UK at a special ceremony at The Kia Oval in London on Friday 14 October.

Alan Wilson, Managing Director of SELECT, said: "These nominations are a significant endorsement for the tremendous work carried out by everyone at SELECT over the past couple of years.

"With the help of our staff, members and Central Board, we have been able to tackle a challenging period together and emerge stronger and more determined to help our industry thrive. Such a crisis shows the value of trade associations."

Iain Mason, SELECT's Director of Membership & Communications, added: "It is pleasing to have been nominated for the Alarm Ambassadors campaign, which was designed to help those in genuine need. We were delighted by the number of electrical professionals who were quick to volunteer their skills. This nomination is in recognition of all their efforts, and of the SELECT team who helped organise things behind the scenes."



Stat's the way to put focus on our success

SELECT has released its second infographic of quarterly statistics for 2022, showing the latest activity carried out by the association.

Covering the period April to June, the second update of the year shows SELECT's achievements in technical, training,

membership, communications, employment and skills.

Iain Mason, SELECT's Director of Membership & Communications, said: "The graphic has become a handy tool to track our progress and we will continue it throughout 2022 to help Members see how the association is performing."



are both in their 80s, had no working smoke alarms in their house, so they were particularly grateful to Ricky.

He also showed them how to operate the devices safely.

Ricky said: "I was only too happy to assist with the Alarms Ambassadors campaign, which has

helped to highlight the vital importance of domestic alarms in keeping people safe in their homes."

Eric To, owner of ETO Electrical in Glenrothes, also fitted a new system in a nearby home on 3 June.

He said: "I'm delighted to be able to help some

of the most vulnerable people in our society and offer peace of mind to those who need it most."

Alan Wilson, Managing Director of SELECT, said: "We are grateful for all the SELECT Member firms who have taken part in our initiative – we couldn't have done it without them."

STAFF HOME IN ON CITY SOCIAL HOUSING EVENT

Staff recently flew the flag for SELECT at Scotland's leading social housing event, which allows industry experts to discuss the future of homes across the country.

Specifier & Client Relations Manager Yvonne Wilson and Technical Adviser Robert McGoogan mingled with delegates at the Scottish Federation of Housing Associations' Annual Conference on 14 and 15 June.

During the two-day event at the Radisson Blu Hotel in Glasgow, they met with various housing association members to promote the work of SELECT and its Members.

↓ Technical Adviser Robert was able to promote the work of SELECT at the event in Glasgow



↓ The historic building will host 50 delegates

© Skully/Shutterstock

House for an Art Lover will host first Professionals' Day

S **ELECT** is holding an inaugural Professionals' Day on

21 September at House for an Art Lover in Glasgow.

The event will see around 50 delegates gather to hear a discussion delivered by Bob Cairney, Director of Technical Services, covering:

- A brief history of electrical installations and relevant legislation
- What to look for when carrying out a survey of a property
- The importance of maintenance and periodic inspection and testing

- Current certificates and reports
- Building regulations and certification of construction.

Delegates will include senior figures from across the construction industry, including architects, specifiers and project managers, with a number of Associate Members also exhibiting.

Yvonne Wilson, Client and Specifier Manager, said: "We are looking forward to hosting what we hope will be the first of many SELECT Professionals' Days, sharing our expertise and allowing senior industry decision makers to network and exchange ideas."



↑ Bob Cairney

"WE ARE LOOKING FORWARD TO HOSTING WHAT WE HOPE WILL BE THE FIRST OF MANY SELECT PROFESSIONALS' DAYS, SHARING OUR EXPERTISE AND ALLOWING SENIOR INDUSTRY DECISION MAKERS TO NETWORK AND EXCHANGE IDEAS"

PLENTY TO DISCUSS AT DUMFRIES & GALLOWAY MEMBERS' DROP-IN

Electric vehicle charging and photovoltaic training were the hot topics at a recent Member Drop-In for the Dumfries and

Galloway Branch. Hosted at the Old Toll Bar cafe in Gretna on 23 June, the event saw Members enjoy

an informal chat with Technical Advisers Stuart McKelvie and Robert McGoogan over a coffee and bacon roll.

↓ Members enjoyed an informal chat over coffee at the Old Toll Bar cafe in Gretna



It's hello, goodbye at Walled Garden

SELECT said goodbye to an extremely popular colleague recently and also welcomed four new members of staff to The Walled Garden.

Certification Scheme Administrator Mary McSporrán retired on Wednesday 27 July after 14 years at the association.

Mary was treated to a hybrid leaving party, during which colleagues wished her all the best and presented her with a range of gifts.

Bob Cairney, Director of Technical Services at SELECT, said: "Mary has been a popular part of the SELECT family and has always had a great rapport with Members. We will miss her enormously and wish her a long and happy retirement."

A quartet of new faces has also been welcomed to the SELECT team, with Amy Harrison-Blaney, Alice McCaskey, Samantha Moore and Hayley Redden all joining in July as Employment & Skills Administrators.

Fiona Harper, Director of Employment & Skills, said: "I am delighted to welcome Amy, Alice, Samantha and Hayley to The Walled Garden and I'm sure Members will make them feel welcome as they deal with employment and SJIB queries."

In other staff news, Sharron Aitchison has moved to the Resources team



↑ Alice McCaskey



↑ Samantha Moore

to become the new Finance Coordinator – Expenditure. Jane Watson has also switched to Technical Services to become a Technical Services Administrator.

👉 Five minutes with... Robert McGoogan: Page 62

"MARY HAS BEEN A POPULAR PART OF THE SELECT FAMILY AND HAS ALWAYS HAD A GREAT RAPPORT WITH MEMBERS. WE WILL MISS HER ENORMOUSLY AND WISH HER A LONG AND HAPPY RETIREMENT"

KEEPING CONFLICT OUT OF CONSTRUCTION

Members wishing to find out more about conflict avoidance in construction can now listen to a series of handy podcasts that go into detail about its features and benefits.

Produced by the Royal Institution of Chartered Surveyors (RICS), the four-part series outlines

the Conflict Avoidance Process (CAP) and Conflict Avoidance Pledge. Episodes cover:

- Users of CAP
- Industry professionals committed to conflict avoidance
- Who's driving the Pledge
- Embedding CAP into your organisation.

Featuring *cabletalk* columnist Len Bunton and a host of other industry experts, you can listen to the free podcasts at bit.ly/cap_pod



UPDATES BACK AFTER COVID RULES ARE RELAXED

Following relaxation of COVID-19 restrictions, SELECT's autumn Branch Updates will return in person for the first time in two years.

Meetings will start at 6pm at the following venues, with refreshments served:

- **Tuesday 4 October** – Inverness and North Scotland Branch, Craigmorie Hotel, Inverness
- **Thursday 6 October** – Glasgow and West of Scotland Branch, Kings Park Hotel, Glasgow
- **Tuesday 11 October** – Dumfries and Galloway Branch, Dumfries & Galloway College, Dumfries
- **Thursday 13 October** – Edinburgh and South East Scotland Branch, Buccleuch Arms, St Boswells
- **Tuesday 18 October** – Ayrshire Branch, The Gables Hotel, Irvine
- **Thursday 20 October** – Aberdeen and North East Scotland Branch, Palm Court Hotel, Aberdeen
- **Tuesday 25 October** – Lanarkshire Branch, DoubleTree by Hilton Strathclyde, Bellshill
- **Thursday 27 October** – Tayside Branch, Dundee and Angus College

Each update will include a technical presentation on a topic to be confirmed, plus a short update on activity by SELECT and a Training Officer from SECTT. Members will also have the opportunity to ask questions.

SELECT President Alistair Grant said: "After two years away due to lockdown and health and safety restrictions, it will be good to meet up again face-to-face and discuss what's happening at SELECT and across the wider industry."

To book a place at your Branch Update, speak to your Member Representative, email memberservices@select.org.uk or call 0131 445 5577.



FAMILY, friends and former colleagues gathered at The Walled Garden for a special memory day to celebrate

the life of Malcolm Duncan.

Around 50 people met at SELECT HQ on 10 June to share their stories and remembrances about the long-serving Training and Development Adviser, who passed away in January aged 66.

The event featured speeches by SELECT Directors Fiona Harper and Bob Cairney which paid tribute to Malcolm's professionalism, popularity and celebrated sense of humour.

The tribute also saw the dedication of a cherry tree that has been planted in the office garden, complete with a plaque with one of his sayings, which reads: "Dedicated to the memory of our mate 'Malky'. 'This is a true story mind'. Malcolm Duncan. 1956-2022."

Malcolm's family were also given a special book containing the many tributes, stories and memories that were submitted in his memory, along with photographs of his time at SELECT.

Among the familiar faces who returned to pay their respects were former association staff Newell McGuinness, Dave Forrester, Jim and Fiona Cornwall, Margaret McKay, Darren Sweeney, Nicola Jengaenga,



↓ Guests gathered at The Walled Garden



Tributes to Malcolm at special day of remembrance

David Wright, John Allen, Dorothy McPherson, Susan Humphries, David Millar, Margot Gowrie, Amanda Meldrum, Elaine Ellis and Martin Reid.

Fiona Harper said: "It was an emotional day, but we wanted to celebrate Malcolm's life, share memories of a wonderful colleague and show how much he meant to us all at The Walled Garden.

"We would like to thank everyone who came to honour a remarkable man whose memory will continue to make us smile for many years to come."

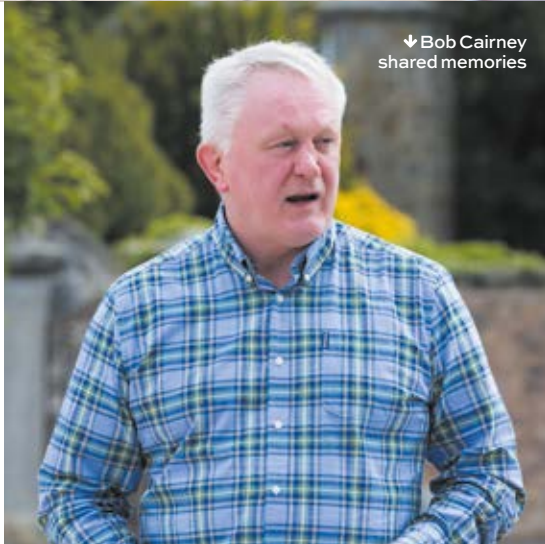
"IT WAS AN EMOTIONAL DAY, BUT WE WANTED TO CELEBRATE MALCOLM'S LIFE, SHARE MEMORIES OF A WONDERFUL COLLEAGUE"

↓ Fiona Harper paid tribute to Malcolm in her speech





↑ Former Managing Director Newell McGuinness was among the old friends who attended



↓ Bob Cairney shared memories



↑ Looking through Malcolm's memory book



↑ Former Director Dave Forrester (left) catches up with Technical Advisers Stuart McKelvie and Keith Hagan



↓ Malcolm's wife and daughters with the cherry tree planted in his honour



↓ The memorial plaque

DEDICATED TO THE MEMORY OF
OUR MATE 'MALKY'
"THIS IS A TRUE STORY MIND"
MALCOLM DUNCAN
1956 - 2022

University

WORDS
TIM POWER

SELECT membership has been a boost to the Facilities Management team at St Andrews' most famous institution as they deal with one of their busiest times in memory



"WE NEED TO ENSURE THAT ALL THE BUILDINGS ARE IN GOOD ORDER AND ALL THE SERVICES WITHIN THEM WORK AS THEY SHOULD DO SO THAT THE UNIVERSITY'S 3,500 STAFF CAN GET ON WITH THEIR WORK AND THAT OUR 10,000 STUDENTS CAN LIVE AND STUDY IN PEACE"

challenge



WHEN golfing legend Jack Nicklaus received his honorary citizen award at St Andrews in July in recognition of his achievements and outstanding service to the sport, the town's Younger Hall was packed with other golf legends, civic dignitaries, fans and the world's media. Behind the scenes, but doing a vital job to make the event a success, were the five electricians in the University of St Andrews Facilities Management Trades team who were on 24/7 standby that week to ensure the smooth running of the celebration in the university's main concert venue on North Street.

This year has been exceptionally busy for the Facilities Management Trades team. In addition to maintaining the 167 buildings that make up the historic university's estate, they also had to help manage the technical aspects of running three sets of graduation events and celebratory balls over the last few weeks of the academic term and then prepare for the demands of hosting up to 6,000 visitors who had booked university accommodation to enjoy the 150th Open at St Andrews Old Course.

George Simpson, Trades Manager at the university's Facilities Management team, explained why they had been so busy: "Most people would think that the end of the academic year in June is a time for our team to relax as the students leave for the summer, but this year we had to help with the organisation of three graduation ceremonies: one for this year's graduates and another two other for the students who missed out on their events over the past two years because of COVID-19. We had to make sure all the hall facilities were in good working order before the events and



6,000

visitors hosted at the university accommodation to enjoy the 150th Open at St Andrews Old Course



also provide an electrician on standby in case of any eventualities. We also supplied outside lighting rigs for the student graduation balls, which also needed to be regularly checked by the team.

"And then when all that was finished we were straight into the Open for nine days, providing support for events held in the university buildings, such as the Jack Nicklaus ceremony, as well as ensuring all the facilities in the accommodation blocks were in good working order for the visitors to enjoy their stay in St Andrews for the golf. It was a busy time for us!"

"WE HAD TO MAKE SURE ALL THE HALL FACILITIES WERE IN GOOD WORKING ORDER BEFORE THE EVENTS AND ALSO PROVIDE AN ELECTRICIAN ON STANDBY IN CASE OF ANY EVENTUALITIES"



Work on the campus is carefully checked

167



↑ George, centre, with his team of electricians and SELECT's Yvonne Wilson, left, and Diane Hales, right

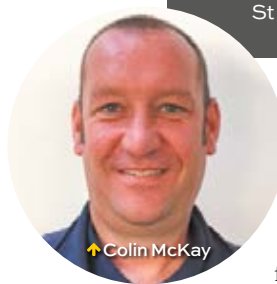
buildings make up the historic university's estate

EDEN CAMPUS

The Facilities Management Trades team is based in an office on the Eden Campus located three miles north-west of St Andrews, which is a hub where the university works with private companies to conduct innovative research into new energy technologies, such as batteries, hydrogen-based systems and conversion of CO2 into fuels.

It's also a 'living laboratory' to showcase how energy saving technologies can be integrated into buildings, and since opening in 2018 the Eden Campus has reduced the university's carbon footprint by 20 per cent through solar panels and integrating a biomass boiler.

The biomass boiler has recently been commissioned and its operation and maintenance falls under George's Trades team, consisting of specialised biomass boiler specialists. Eden Campus currently heats 400 student rooms and has the capacity of heating an additional 6,000 homes for local residences. That equals a third of St Andrews' student and local residences.



↑ Colin McKay

maintenance work. Obviously, emergency breakdowns and health and safety issues are given priority but, increasingly, our role is also to ensure that we make enhancements to help reduce our carbon footprint and increase our energy efficiency throughout the estate."

Also working behind the scenes was SELECT, as the University of St Andrews has become the latest higher education establishment to become a Member of the association and to benefit from our support services for its electrical staff and apprentices.

George was keen for the university to join SELECT as a result of his time as Regional Works Manager at Stirling Castle, when he worked for Historic Environment Scotland (HES) from 2000-2018.

He explained his role and why the SELECT membership will benefit his team at St Andrews.

"As you'd imagine, Facilities Management is responsible for the management and the operational delivery of the maintenance strategy for the university's building portfolio and to ensure it meets the needs of our customers, which are the teachers and admin staff of the university and, of course, the students. We need to ensure that all the buildings are in good order and all the services within them work as they should do so that the university's 3,500 staff can get on with their work and that our 10,000 students can live and study in peace. In the end, it's all about providing a great student experience at St Andrews.

"The estate is continually growing so there is an increasing number of buildings that we have to maintain, which gives us challenges in how we prioritise our

QUICK FACTS

ST. ANDREWS UNIVERSITY

BRANCH:
Tayside

PHONE:
01334 476161

WEBSITE:
st-andrews.ac.uk



George oversees a team of 60, which is organised into specialist trade-specific teams including plumbing and heating, joinery, painting, slating and roofing, stores, logistics (drivers) and a biomass plant team to maintain the facility at Eden Campus.

The electrical team comprises includes Team Leader Colin McKay who oversees the work of five electricians and two apprentices. His team is assisted by a maintenance support team for non-electrical work such as serving air handling units etc.

However, looking after the university's estate is quite a challenge as its 167 buildings are spread over a two-mile radius throughout the town and beyond, and some of these buildings date back to the medieval period, as the university was founded in 1413.

Dealing sympathetically with historic and listed buildings is something that George knows all about from his 18 years at HES, and particularly working at the iconic Stirling Castle. With an apprenticeship in bricklaying – gained at his father's building company in Forfar – he joined HES in 2000 as a stonemason but

The university was founded in

1413

over time took on more management roles. He explained: “It was when I got promoted to Planning Resources Manager at Stirling Castle that I really got an insight in the electrical side of facilities management and planning works. In this role, I managed all the electrical planned preventive maintenance and organised and oversaw the electrical and mechanical contracts. It’s here that I came to appreciate the challenges of working on a listed building. You cannot just cut cable routes where you want as you need consent for almost everything you do if it affects the fabric of the building.”

George eventually became Regional Works Manager for Stirling Castle, having worked on some high-profile restoration projects such as the decade-long restoration of James V’s Palace and the Stanley Mills Bell Mill Projects as the Project Clerk of Works. It was a busy time and it was during this period that he applied for membership of SELECT to provide valuable support for his electrical team.

He said: “We really appreciated the 24/7 technical back-up offered by SELECT and the wide range of training available, and the forums were also good where we could sit down with other organisations and

“SELECT’S TRAINING PROVISION IS ALSO IMPORTANT FOR US AS I AM KEEN TO GIVE SOME ELECTRICAL AWARENESS TRAINING TO OUR MAINTENANCE SUPPORT TEAM AND THE JANITORS”

exchange information and ideas. So, when I joined St Andrews in 2018 I was keen that the university join SELECT too as I knew the helpline was going to be very useful for our electricians, particularly those on call one week out of five; having someone available to answer any queries or technical questions out of office hours will be invaluable.

“SELECT’s training provision is also important for us as I am keen to give some electrical awareness training to our maintenance support team and the janitors so they are aware of the risks. This training will not only help them with their jobs, such as conducting fire alarm inspections and emergency light testing, but will contribute to keeping them safe.

“The university has a programme of installing electric vehicle charging points so we are also interested in training our electricians in the maintenance of the charging units too.”

The university became a SELECT member in March after its successful assessment of replacement lights at the Gatty Marine Laboratory – home of the Scottish Oceans Institute – and the installation of two radial circuits that had been installed for supplying command sockets at the Edgecliffe Building.



George has enjoyed introducing his team to the benefits of SELECT

44

young people trained in the apprentice programme



The university’s Facilities Management Trades team also runs a successful apprenticeship programme, which has trained 44 young people since it was established in 2007 by Helen Mackie, the Assistant Director of Facilities Management, who George reports to. He added: “Today we have 18 apprentices going through the programme, two of whom are in the electrical team, and we always work with the university’s Capital Projects team to see if we can get involved in some of the refurbishments to give our apprentices some good experience of live projects. For example, last year we had apprentices on work placements at the Younger Hall refurbishment, a large capital project. We also refurbished the warden’s flat in the John Burnet Hall student accommodation block which involved a complete rewire. We reconfigured the flat, installed a new kitchen and bathroom which was valuable training for our apprentices.”

In addition to maintaining the fabric of the university estate, the Trades team is also involved in running a number of projects that contribute to the university’s net zero ambitions. The electrical team, working alongside their Electrical Engineer Robert Watson from the Technical Team, has a programme of transitioning all the lighting throughout the teaching spaces and accommodation blocks to LED units to reduce energy consumption, and they have also been trialling smart controls in



The staff maintain all older elements at the historic university

THE SELECT VERDICT

As one of the oldest universities in the English-speaking world, the University of St Andrews joins the University of Edinburgh and Heriot-Watt University as higher education Members of SELECT.

Yvonne Wilson, SELECT Specifier & Client Relations Manager, was delighted to welcome the university as Members in March this year. She said: “St Andrews is the

oldest university in Scotland so it’s brilliant to have them on board. I know that our Technical Helpline is going to be a great benefit to their electricians, particularly as they are often working on historic buildings.”

George Simpson, Trades Manager for the University of St Andrews’ Facilities Management team, had previously benefited from SELECT membership in his role as Regional Works Manager at Stirling Castle for Historic Environment Scotland. But he was not initially sure how SELECT could support his Electrical Trades team at the university.

That was until Yvonne set up a meeting with Alan Carracher, Building Services Engineer at the University of Edinburgh, which has been a Member since 2019.

She said: “Alan discussed how important the technical support we provide is to his team and how our training represents real value for money. Alan also spoke about how invaluable the notifications of upcoming changes to regulations were to him in his role and being able to provide input into amendments via the SELECT Electrotechnical Committee was an important way to keep on top of changes in

the industry. This discussion was able to show George the real benefits of SELECT membership to his team and we’ve already discussed running training programmes for electric vehicles and the electrical awareness courses for his non-electrical staff. Now Diane Hales will be supporting George with services as his SELECT Membership Representative.”

SELECT will be reaching out to more universities to encourage membership through their attendance and exhibition at the 50th annual conference of the Association of University Engineers in Stirling in September.

some of the accommodation blocks so that lights can be turned off automatically when sensors detect that someone is in the room or not, and to control heating. They have also changed the power source of the two outside lighting rigs used for outdoor events from diesel engines to batteries.

Now that a new biomass boiler has been commissioned at the Eden Campus, the Trades team has been expanded to include biomass specialists to run and maintain the facilities, which will make a significant contribution to reducing energy consumption over the estate.

George is also looking at ways his team can reduce its carbon footprint by using suppliers that can show sustainable credentials for their products. The university’s drive to net zero means the new and refurbished buildings that are being handed over to Estates are fitted out with increasingly technologically advanced energy efficiency systems. That has required the Trade teams to familiarise themselves with the new technologies and to upgrade their skills and training, and that’s why George believes SELECT membership will pay dividends for his teams.

He added: “It’s early days but I was really happy with the support SELECT gave us when I was working for HES. I’m looking forward to working with SELECT to help support the training programmes for my staff and, in the near future, attending some of the forums to benefit from hearing what is happening in the sector.” ■



↑ The grand setting makes for an inspiring place to work

“I’M LOOKING FORWARD TO WORKING WITH SELECT TO HELP SUPPORT THE TRAINING PROGRAMMES FOR MY STAFF AND, IN THE NEAR FUTURE, ATTENDING SOME OF THE FORUMS TO BENEFIT FROM HEARING WHAT IS HAPPENING IN THE SECTOR”

DID YOU KNOW?

- The University of St Andrews was founded in 1413. It is Scotland’s first university and the third oldest in the English-speaking world
- The university’s motto is ‘Ever to Excel’
- There are 10,424 students* at St Andrews: 8,260 undergraduates and 2,164 postgraduates
- Students come from more than 130 countries*
- The University was named top university in the UK in *The Times and Sunday Times Good University Guide 2022*
- Every year, hundreds of first-year students, dressed in fancy dress costumes, gather in St Salvator’s Quad for the annual Raisin Monday foam fight
- The PH initials set into cobblestones outside the Sallies Quad mark the spot where Patrick Hamilton was burnt at the stake in 1582
- According to tradition, any student who steps on the PH will be cursed to fail their degree

* first semester of the academic year 2021 to 2022



↑ Ryan Dempsey discusses regulation with SELECT Managing Director Alan Wilson at the Toolbox Talk

Why I now back protection of title

Among the recent signatories to the Wall of Support is Ryan Dempsey, CEO of Associate Member TCW. As a one-time vocal sceptic of regulation, what changed his mind? And why is he now willing to join hundreds of others in backing the industry crusade for protection of title?

WORDS
RYAN DEMPSEY
Founder and CEO, TCW



WHAT IS an electrician? Is it someone who wears work gear with a circuit protective conductor length strapped around their belt loop and insulated screwdrivers in their pocket?

For a facilities management firm or organisation procuring electricians, it's easier to know, manage and audit what an electrician is because the requirements should be defined at the beginning of the tender process. But what about the general

consumer, i.e. the public? How can they ensure that the person walking through their door to carry out work is qualified as an electrician?

The above questions float around the electrical industry a lot these days. It's a hot topic because in real life the term electrician doesn't really mean anything without more context or at least some additional paperwork or card as back-up.

A few years back when I was approached and told that SELECT was looking to protect the title of electrician, I laughed. Not because I thought it was funny per se but because I thought it was



"IT'S A HOT TOPIC BECAUSE IN REAL LIFE THE TERM ELECTRICIAN DOESN'T REALLY MEAN ANYTHING WITHOUT MORE CONTEXT OR AT LEAST SOME ADDITIONAL PAPERWORK OR CARD AS BACK-UP"

SOFTWARE LETS CLIENTS FOCUS ON WHAT MATTERS

TCW provides innovative software-as-a-service (SaaS) for asset management and compliance arenas across numerous sectors and to over 1.2 million properties.

Its unique technology delivers granular insight into quality assurance, competence and compliance, extracting and analysing data from any digital PDF and providing a single location for all compliance certificates and reports

produced by any certification tool. TCW's software automatically checks all essential data alongside regulations and client-specific requirements, equipping clients with a continuous monitoring process as well as flagging red assets when their corporate risk profile increases.

This transparency turns previously unsearchable data into a database of

knowledge to facilitate data-driven lifecycle planning.

Organisations can now focus on managing the risk as opposed to finding it, enabling proactive risk-reducing and cost-effective decisions, and ensuring that investment strategies are made based on fact, not assumptions.

Find out more at www.tcwin.co.uk



↓ Donald W Orr and Ryan Dempsey at SELECT Toolbox Talk at The Walled Garden on 3 May

ridiculous to try to protect a title that I believed would put a bigger barrier between first-rate sparks and those who've not quite made it to the end of their required training. Not to mention those who have decided they don't need further training because the money is coming in anyway.

As I scratched the surface and researched the situation, I gradually built a picture that made me feel like this was just an attempt to monopolise Scotland and ensure that one brand managed and controlled the sector.

So what changed my mind?

During COVID-19 we were all confined to our homes and it was hard. We leaned on the likes of social media to see what was happening in the outside world.

During this time, I was scrolling through Twitter and noticed a personal post from the Managing Director of SELECT, Alan Wilson. It was at that point that I remember thinking: "Hold on a minute, these so-called corporate monsters **DO** have personalities and compassion."

I slowly started to realise that I had been wrong; the ongoing communication and messaging from SELECT was so inspiring and engaging that I felt obliged to revisit and dig a little deeper into the reasons for regulation of the electrical industry.

During this time I'd been experiencing feelings and issues that men don't usually talk about and had actually managed to rebuild some form of logic around the things I care about and the things that I don't.

Using that logic, I revisited the purpose of the regulation that SELECT was trying to achieve, only this time I took my sparky hat off and focused solely on the very first part of this article – namely, as a consumer, how do I confirm that this person

"AS A CONSUMER, HOW DO I CONFIRM THAT THIS PERSON AT MY DOOR IS AN ELECTRICIAN AND WHAT THEY DO TO MY HOME WON'T RESULT IN MORE MONEY OR DAMAGE?"

at my door **IS** an electrician and what they do to my home won't result in more money or damage?

OK, we do have a competent person scheme, but it's been about since 2005 and whether we like it or not, we are still having this conversation some 17 years later. So it's clear we need to do **SOMETHING**.

I also realised that we can replace the word "monopolise" with the phrase "one true voice", which again provides so much clarity and vision for the sector that one brand controlling everything really wouldn't be an issue (although after first-hand and ongoing contact with the association, I'm now convinced that is certainly **NOT** SELECT's intent.)

I believe what SELECT is trying to do is hard. Not only because there's the massive task of educating the general public, but there's also the corporate world who dine off training and development.

Not to mention the issue of so-called 'electricians' who work hand-to-mouth and would be forced to spend time building their qualification portfolio.

That said, I fully support the need to improve public perception as I feel it will slowly lead toward a safer industry with more accountability. And that's got to be a good thing, right? ■

↓ Ryan has thrown his weight behind the campaign for protection of title after initially having reservations about the idea



Chris is lighting up the ring again

In the first of two features on sporting sparkies, we go toe-to-toe with the SELECT Member who's making his boxing comeback while still running his own business

S **ELECT** Branch Officer Chris Liddell is hoping to set sparks flying after returning to professional boxing following eight years out of the ring.

As well as running his own firm and being 3rd Representative for the Lanarkshire Branch, the electrician has revived his bantamweight career at the age of 29.

Chris has already won the first bout on his comeback trail, beating Luke Merrifield over four rounds at the Crowne Plaza in Glasgow on 11 June – complete with ‘The Spark’ emblazoned on the back of his shorts.

The boxer, who runs 2 Core Electrics in Lanarkshire, said: “It’s been a long time but it was absolutely brilliant to get back out there and I was buzzing afterwards. I loved it.

“I stopped boxing when I was 21 because I was starting my own business and couldn’t commit enough time to it, but things have calmed down a bit since then.

“I’d started getting fit in the past few years anyway, so I thought, ‘I’m going to roll the dice and have another go before it’s too late’ and that’s exactly what I’m doing.

“I’m now training six days a week, with a mix of running, swimming and gym work. I enjoy the sparring as it’s the closest thing to a fight itself but I hate the sprints – they’re a killer.

“IT’S BEEN A LONG TIME BUT IT WAS ABSOLUTELY BRILLIANT TO GET BACK OUT THERE AND I WAS BUZZING AFTERWARDS”



↑ Chris is thrilled to be back in the ring

“Juggling work and training is hard, but I’m a bit more mature now so I know what’s involved. It’s gruelling but worth it.”

The fighter has also had to change his diet too, explaining: “I’ve had to watch what I eat and make sure I follow a healthy, balanced plan with small portions. Chocolate is my Achilles’ heel – I’ve found it really hard to give up.”

Chris, who is managed by Kynoch Boxing Promotions, now faces his second bout with a six-round return to the Crowne Plaza on Friday 9 September – and is already feeling confident.

He said: “Fitness is my best weapon and I think I could out-last any opponent. I’m a scrapper rather than a dancer, so I like to get in amongst it and really take the fight to the other guy.

“I don’t want to look too far ahead but I’m setting my sights on a Scottish title. It’s not a matter of if, it’s a matter of when. So if you’re in the bantamweight division, watch out because I’m coming.” ■



↑ Branch Officer Chris runs his own company by day

➡ Michael’s in a league of his own: Pages 24-27

↓ Chris in action in his comeback fight against Luke Merrifield



QUICK FACTS

2CORE ELECTRICS

BRANCH:
Lanarkshire

BASED:
Lanark

PHONE:
07788 257 070

WEBSITE:
2coreelectrics.co.uk

GET RINGSIDE FOR CHRIS'S NEXT BOUT

To book tickets for Chris's fight at the Crowne Plaza in Glasgow on 9 September, complete with drinks reception and three-course meal, go to en-gb.facebook.com/KynochBoxing

SELECT Member Michael McKenna spends his Saturday afternoons playing for Arbroath FC. Last season was memorable for the club and for the midfielder, who's hoping for a repeat in 2022/23

Michael's in a league of his own

WHEN the new football season kicked off in July SELECT Member Michael McKenna was hoping it would be another one to remember. A full-time electrician, Michael also plays part-time with Arbroath FC. In 2021-22 they were within two points of becoming the first part-time club to get promoted to Scotland's top league. Michael played a big part in their success and picked up numerous awards, including Scottish Championship Player of the Year.

That's impressive for someone who had given up on football when he was 16. He explained: "I failed to get a full-time contract when I was younger, so when I left school I decided to become an electrician. I did my apprenticeship with Macklin Electric, who carried out sub-contracting work for councils across Scotland."

When he was 21 Michael met his future wife, Zoe. Originally from Edinburgh, she was living in Liverpool. He joined her, but struggled to find work. They stayed for a year and came back to Edinburgh when Zoe became pregnant.

TURNING POINT

That move was a turning point. Michael landed a job with PHS Compliance and he got back into football. He said: "I enjoyed working with PHS, which included a stint in Afghanistan. And I started training with my local team, Musselburgh Athletic."

To his credit, he developed quickly. First, Musselburgh gave him a year-long contract, then in summer 2014 Livingston FC, who were in the



Scottish Championship, offered him a contract. "I went full time for a year but, financially, it turned out to be a bad move," he said. "People think footballers are all well paid. That's not true. The money available at Championship level isn't high.

"I was earning a decent wage at PHS with opportunities to make bonuses and I was getting £75 a week at Musselburgh. However, at that time Hibs, Hearts and Rangers were in the Championship and I thought it would be a great experience." In the end, his time with Livingston was short-lived, lasting just one season.

He signed with Berwick Rangers in League Two and got back to electrical work, joining Abbeyhill Electrical in Edinburgh. "It was mostly domestic

WORDS
STEWART McROBERT

MICHAEL McKENNA'S FOOTBALL CAREER

- Musselburgh Athletic:
2012 - 2014
- Livingston FC: 2014
- Berwick Rangers FC:
2014 - 2018
- Arbroath FC:
2018 - present

HONOURS

- Won Scottish
League One with
Arbroath: 2018-19
- Scottish
Championship Top
Scorer: 2021-22
- cinch Scottish
Championship
Player of the Year:
2021-22
- PFA Scotland
Players' Player
of the Year:
2021-22 Scottish
Championship

**"I WENT FULL-TIME
FOR A YEAR BUT,
FINANCIALLY, IT
TURNED OUT TO
BE A BAD MOVE.
PEOPLE THINK
FOOTBALLERS
ARE ALL WELL
PAID. THAT'S NOT
TRUE. THE MONEY
AVAILABLE AT
CHAMPIONSHIP
LEVEL ISN'T HIGH"**


McKENNA ELECTRICAL

QUICK FACTS

McKENNA ELECTRICAL SOLUTIONS

BRANCH:
Edinburgh & South
East Scotland

PHONE:
0753 880 3872



and could see me taking on six jobs a day,” he said. “Two brothers, Kenny and Chris Cummings, had taken over the firm and they gave me a supervisor role.

“I’d dropped down two levels in football but that didn’t bother me. Berwick offered me a good deal. It was great to be back working and playing football and I stayed with Abbeyhill until I left to work for myself in 2017. I’d always had that ambition and it seemed a perfect time since Kenny and Chris were selling the company.”

“I’D NEVER CHANGE A FUSE BOARD IN THE AFTERNOON. IF THERE WERE FAULTS I WOULD NEVER LEAVE THE CUSTOMER STRANDED”

Things were changing in his football career too and in January 2018 he joined Arbroath. Michael said: “They were in a league above, and, although it made things a wee bit harder in terms of getting to training, which takes place in Perth, it’s been a great move for me.” In his first season Arbroath won League One and promotion to the Championship, where they’ve been ever since.

GREATER DEMANDS

Playing at a higher level brings greater demands and Michael has to balance a full order book in his business with the standards that allow him to compete against full time footballers. He said: “Workwise, I’ve got three main clients and get involved in all sorts of



↑ Michael with his apprentice Mason Renton

projects, from full house renovations to new builds, kitchens, bathrooms, attic conversions and so on. It’s a good balance of work and I have a few private customers I fit in when I can.

“We train on Mondays and Wednesdays and on a typical training day I need to be back in the house just after 4pm. I meet another few guys from Edinburgh and we head up to Perth, arriving at 6.50pm. They’re the days where I need to be conscious of the jobs I take on. For example, I’d never change a fuse board in the afternoon. If there were faults I would never leave the customer stranded.

“I’ve got a young apprentice and we don’t really stop for long breaks or lunches. We work right through and when we’re done, we’re done. That’s how I was brought up at Macklin and it works well.”

SELECT MEMBERSHIP SCORES FOR MICHAEL

Michael has been a Member of SELECT for two years and he says it’s been great for his business. He said: “It’s a good feeling to be a Member and my technical adviser is brilliant if you have any areas of work you’re not sure about. They are there to help and it’s reassuring to have that expertise behind you.

“For peace of mind, a lot of customers will only use SELECT Members. That makes it much easier for me when I’m quoting jobs.”





"I'M QUITE HAPPY. I ENJOY MY WORK AND PLAYING WITH ARBROATH. I WOULDN'T ENDANGER THAT FOR A COUPLE OF YEARS OF FULL-TIME FOOTBALL"

club. Also, we were very fortunate last year with guys we got on loan from other sides. Everyone pulls in the same direction and we've got a good manager in Dick Campbell. He's been a working man and is always considerate when it comes to the pressures we face. If I'm running late for training he totally understands. He treats us like adults."

Last season, Michael scored 15 goals and provided eight assists. He said: "Those are my best ever figures and I got the Championship's Top Goalscorer and Player of the Year Awards from both the Professional Footballers' Association (PFA) and the SPFL. That was really special."

That success has had football agents hovering, but Michael won't be taking up any offers. "I'm quite happy," he said. "I enjoy my work and playing with Arbroath. I wouldn't endanger that for a couple of years of full-time football."

"The new season will be hard because people are expecting us to be near the top again. It's good to have a challenge and we'll be aiming for the promotion play-offs. I wouldn't predict that we'll win the league because it's a very hard thing to do. But surprising things happen in football..." ■



AFGHAN ADVENTURE

During his time with PHS Compliance, Michael ended up being posted to Kandahar air base in Afghanistan. As well as security concerns he was a little worried about the jobs he might have to tackle. He said: "I thought we'd have to work with large generators and industrial equipment and I only had experience in domestic work. However, all over the base they had living quarters and accommodation for military staff. The job involved wiring these buildings with plastic conduit and single cable."

"It was straightforward and the rule was if you worked outside for 10 minutes in the 40°C heat you then had to rest for 50 minutes."

Although the work was simple, being away from home was tough. "My daughter had just been born," said Michael. "That's why I came back after just five months."

Being serious about his approach means eating properly at the right times and getting the necessary rest. Michael added: "Although my main job is being an electrician, I have to put a lot of thought into my football as well."

Judging by last season's success, he and his teammates are getting the balance right.

"The secret has been togetherness," he said. "We have players who have come up through the leagues with the

© Graham Black



Michael in action on the pitch for Arbroath

We were talk of the towns

From the opening event at The Walled Garden to the final event on the isle of Islay, the 2022 Toolbox Talks were a huge success, with the SELECT crew spending seven weeks criss-crossing Scotland to meet up with Members and answer their questions on a range of issues

WORDS
LINDA ROLFE
Events, Marketing
& Communications
Coordinator

FROM eating ice cream in the blazing sunshine in Oban to playing – and winning! – pitch and putt on a drizzly Islay, the 2022 Toolbox Talks were a truly unforgettable experience.

Over seven weeks, our team clocked up more than 3,000 miles by land, sea and air as we visited a dozen venues ranging from luxury football stadia to cosy hotel attic rooms.

Along the way, our Technical Advisers delivered essential updates on the impact of Amendment 2 to BS 7671:2018 to more than 500 delegates, and it was heartening to see so many hands being raised in our question-and-answer sessions.

Our roadshows gave us chance to spread the word about our regulation campaign and ask more Members to sign up to the Wall of Support, with 184 electrical professionals adding their names so far.

We also had plenty of support from the Associate Members who exhibited at our events and who donated plenty of merchandise for the goodies bags that we gave away at each venue.

A special shoutout must go to the generous Luceco team, who donated three RCBO boards and fast charge USBs and 18 LED downlights as competition prizes.

And thanks also to the tireless Sandy Thompson from Megger, who organised a voltage pen, two-pole voltage tester and proving unit as the star prizes in our popular Beat the Buzzer game, which helped us raise funds for the Electrical Industries Charity.

There were many highlights from my first roadshow, but the one thing that

shone through was the friendliness of all our Members and how much they appreciated us dropping in to their Branch area.

Chatting over a cuppa brought home how much SELECT means to its Members and all the different ways we help businesses large and small thrive. And after the enforced absence due to COVID-19, it's clear that there's no substitute for catching up face-to-face.

On a personal level, watching the Toolbox Talk roadies trying to force a 3m screen through a 2m doorway in Oban will be one thing I will never forget.

And the food at some of the venues was also incredible – although I'm not sure I ever want to see another Kille Pie again!

To everyone I met in person, both exhibitors and Members, thank you for making this year's roadshow such a success.

And thanks to everyone who filled in our survey too. Your feedback will help us ensure that the 2023 roadshows are bigger and better than ever. ■



↓ Eating ice cream in sunny Oban



↓ SELECT featured on the scoreboard at Hampden Park



↓ A packed venue in Ayrshire for our roadshow



↓ Mary McSparran at the SELECT stand in Dumfries



3,089
miles travelled



↓ It was great to see a full house in Shetland for our penultimate event



○ SHETLAND



↓ Our crew at the home of Inverness Caledonian Thistle

○ ORKNEY

↓ The SELECT team at Pittodrie in Aberdeen



↑ Steven Casey won our first Beat the Buzzer competition

Beat the Buzzer leaderboard

- **21.90 seconds**
Steven Casey, NESS Engineering Ltd (Shetland event)
- **26.30**
Owen Paterson, RS Merriman (Orkney)
- **29.68**
John Ramsey, GSB Electrical Services (Dundee)
- **33.20**
Paul Cameron, G-Force Electrical Services (Inverness)
- **34.16**
Kieron Craig, KC Electrical (Ayrshire)
- **35.00**
Brodie Nisbet from Gauld Electrical Ltd (Aberdeen)
- **36.40**
David Forster Jnr, David C Forster Ltd (Edinburgh)
- **42.31**
Craig Pease, Iain Woodrow Electrical Contractor (Islay)
- **43.05**
Chris Milne, Westech Electrical (Oban)
- **43.28**
Darren Paterson, Ryan Johnstone Electrical (Dumfries & Galloway)
- **45.87**
Iain Revel, D Charters Electrical Services Ltd (Borders)
- **50.43**
Ryan McCulloch, JK Electrical (Glasgow)

521

delegates attended

○ INVERNESS

↓ Laurie Burns and Sandra Bennett welcomed delegates to the Dundee event



○ ABERDEEN



↓ Linda prepares to hit the road in Penicuik on 3 May

○ DUNDEE

○ OBAN

○ GLASGOW

○ EDINBURGH

○ BORDERS

○ AYRSHIRE



↓ Our exhibitors were kept busy in the Borders

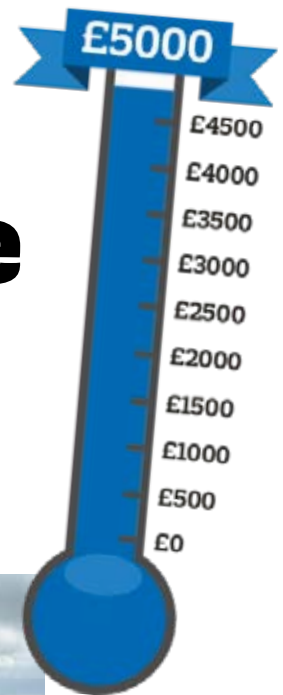
○ DUMFRIES & GALLOWAY

£434

raised on Beat the Buzzer

Trek it out! Peru adventure target in sight

As she completes her training before jetting off to Peru, our intrepid explorer is just a whisker away from smashing her fundraising total thanks to generous Members and manufacturers



FIRST the brilliant news – I’ve nearly reached my totaliser target, so thank you to everyone who’s thrown money in my bucket over the past few months. Hitting the £5,000 mark will be a massive item ticked off my list as I prepare for my charity hike along the Inca Trail in aid of the Electrical Industries Charity (EIC).

It’s been a whirlwind couple of months, with some of the many highlights including:

- A hike up and down six Wainwrights in the Lake District with SELECT Member **Graeme Anderson**, who as well as being Chair of the Edinburgh & South East Scotland Branch is a keen hillwalker. Graeme certainly helped me break in my walking boots and keep my spirits up during our 10-mile trek.
- SELECT Membership Representative **Diane Hales** helping me out with invaluable advice on the kit I need to take and lending me her rucksack, walking poles and sleeping bag.
- The Summer Carnival at The Walled Garden on 25 June, which raised £688 towards my total thanks to plenty of family fun. Read more about it on the opposite page.
- The legends that are Associate Members **Test Instrument Solutions (TIS)**, **Flexel** and **Scolmore**, for digging deep and making super-generous contributions.



↓ Linda with Graeme Anderson

WORDS
LINDA ROLFE

Events, Marketing & Communications Coordinator

- Stepping up my training with extra gym sessions and swims, longer walks and running home.
 - Getting my jabs for tetanus, polio and yellow fever without fainting.
- A definite mini-win!

As you read this, I’ll be making my final preparations before jetting off to Peru in September, where I’ll be walking at high altitude in 30°C heat by day and camping in extreme cold at night.

Before I sign off, I just want to say again how grateful I am to have received so much support. This trek is something I’ve always dreamed of and the fact I also get to help so many people in the electrical industry via the EIC is unbelievably heart-warming.

Read all about my epic adventure in the next issue! ■



➔ To sponsor Linda and help electricians via the EIC, please go to bit.ly/Linda-Inca

↓ The view on the duo’s training walk



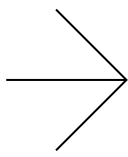
CHEER WE go again

There was plenty of fun in the sun when SELECT Members and their families joined staff to enjoy a day of entertainment and fundraising as our Summer Carnival returned after three years



↑ Hands up if you're having fun: children show how much they're enjoying the day





S

TAFF, Members and their families enjoyed

a day of face painting, entertainment and games at The Walled Garden as this year's Summer Carnival returned in style.

Partygoers spent an afternoon in the sunshine at SELECT HQ on Saturday 25 June to help raise funds for the Electrical Industries Charity (EIC).

Children's entertainer STARZ Entertainment kept the kids amused, plus there were prizes galore to be won on the hook-a-duck and coconut shy games, and tasty hotdogs, candyfloss and doughnuts.

Other attractions included balloon making, tug-of-war, our Beat the Buzzer game and colourful artwork courtesy of Face Painting by Laura.

"AFTER A BREAK OF THREE YEARS, WE WERE DELIGHTED TO SEE EVERYONE BACK ENJOYING THEMSELVES"

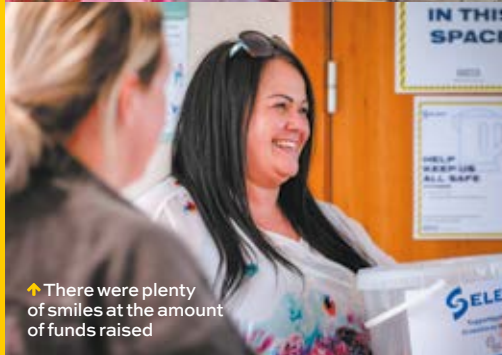
The tombola and raffle saw plenty of prizes up for grabs too, with giveaways including an evening escape to Stobo Castle, a one-night stay in a Marriott hotel and a handmade wooden resin clock.

The day was organised by SELECT staff Michelle Courtney, Laurie Burns, Linda Rolfe, Fiona Smith and Yvonne Wilson.

Benefits Manager Michelle said: "After a break of three years, we were delighted to see everyone back enjoying themselves. The children had a great day – and the grown-ups had plenty of fun too!"

The day raised a total of £688 towards Linda's upcoming fundraising trek along the Inca Trail in Peru in aid of the EIC.

She said: "I am so grateful to everyone who came along and supported a fantastic day. Every penny will go to a great cause that helps electricians and their families." ■



↑ There were plenty of smiles at the amount of funds raised

↓ Kids thought the games on offer were the reel deal



↓ The day was a hit with everyone through the generations



Images: © Scott Richmond





Adults got to indulge their fun side with the attractions



Members and their families got to put on a show of strength in the tug of war



See more pictures at www.cabletalkmagazine.com



Activities from STARZ Entertainment kept the children amused



Technical

MORE INFORMATION

For further information and advice please
call our Technical Helpline on 0131 445 9218
or email technicalhelp@select.org.uk

WHEN an electrician is to replace a consumer unit, there are a number of factors that need to be taken into account before any work can proceed.

However, the very first thing to be aware of is that there is **NO** specific requirement for a replacement or upgrade of a consumer unit which has been installed to an earlier version of BS 7671 where it is in a satisfactory condition.

In fact, the introduction to BS 7671:2018 specifically states: "Existing installations that have been installed in accordance with earlier editions of the Regulations may not comply with this edition in every respect. This does not necessarily mean that they are unsafe for use or require upgrading."

This infers that an older installation – with, for example, BS 3036 rewirable fuses – may still be acceptable for continued use!

REASONS FOR REPLACEMENT

So what might be valid reasons for organising a replacement consumer unit? Some examples are provided below:

- Has the consumer unit been damaged, e.g. by fire, flood or impact etc, which has led to it becoming obviously unsafe?

↓ There a number of reasons for having to replace a consumer unit



No need to blow a fuse over BS 7671

Following a number of recent Member queries, the newest recruit to our Technical team looks at what should be considered before work can start on replacing a consumer unit

Perhaps this has resulted in the exposure of live parts or components or improper functioning of the equipment?

- Has the client requested that the installation be upgraded for a specific maintenance reason, e.g. to provide an easier means of resetting the power after a fault by replacing rewirable fuses with circuit breakers?
- Is a new circuit being installed or is there to be an addition to an existing circuit which requires appropriate protection, e.g. provision of a suitable residual current device (RCD)?

"THE VERY FIRST THING TO BE AWARE OF IS THAT THERE IS NO SPECIFIC REQUIREMENT FOR A REPLACEMENT OR UPGRADE OF A CONSUMER UNIT WHICH HAS BEEN INSTALLED TO AN EARLIER VERSION OF BS 7671 WHERE IT IS IN A SATISFACTORY CONDITION"

WORDS
ROBERT MCGOOGAN
Technical Adviser





- Can new components not be retrofitted into the existing consumer unit or can replacement components not be sourced as they are no longer manufactured?
- Has the consumer unit been reported unsafe following recent periodic inspection and testing (PI&T)? Has it been noted in the 'Comments on the existing installation' section of an Electrical Installation Certificate (EIC) or Minor Electrical Installation Works

“NO ADDITION OR ALTERATION SHALL BE MADE TO AN EXISTING INSTALLATION, UNLESS IT HAS BEEN ASCERTAINED THAT THE RATING AND CONDITION WILL BE ADEQUATE FOR THE ALTERED CIRCUMSTANCE”

Certificate (MEIWC), or identified in Section K of an Electrical Installation Condition Report (EICR) that there are signs of thermal damage or that suitable ingress protection (IP) protection levels are not being achieved, perhaps resulting in potential exposure to live parts etc?

- Has there been an incident where an existing protective device did not function correctly or has been damaged during a fault?
- Does high earth fault loop impedances on final circuits mean existing protective devices aren't able to operate satisfactorily to achieve the disconnection times required in BS 7671?

RECOMMENDED INVESTIGATIONS

Before replacing a consumer unit, there are also other factors within the existing installation that may need to be considered and agreed with the client or property owner.

Regulation 132.16: Additions and Alterations will need to be carefully considered in particular – after all, a

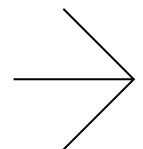
consumer unit replacement **IS** an alteration!

This regulation states: “No addition or alteration, temporary or permanent, shall be made to an existing installation, unless it has been ascertained that the rating and condition of any existing equipment, including that of the distributor, will be adequate for the altered circumstance. Furthermore, the earthing and bonding arrangements, if necessary for the protective measure applied for the safety of the addition or alteration, shall be adequate.”

The recommended solution to satisfy the above requirement would be to carry out a periodic inspection and test of the existing installation and to provide an EICR on its condition to the client prior to the replacement work going ahead.

This should hopefully identify any safety issues such as low values of insulation resistance on final circuits, incorrect polarity, and the adequacy of the earthing and bonding.

Any necessary remedial work should then be organised with the client and any defect or omission that will affect the safety of the alteration rectified prior to the replacement of the consumer unit.



NOTE: With the increasing amount of electrical equipment which now produces earth leakage currents as part of normal operation, it may also be advisable to use a suitable clamp test instrument to measure the level of earth leakage in the installation. This may help decide how the installation may be divided up to ensure correct operation of any RCD protection.

→ If the rectification of safety issues is not possible, e.g. due to the client's budgetary constraints, it would be recommended to have a written agreement with them to agree that you will leave any unsafe and non-compliant circuits disconnected from the new consumer unit. This should also be recorded in the 'Comments on the existing installation' of the EIC produced on completion of work.

If the client does not agree to a PI&T, it is recommended that a few basic checks including basic inspection and tests are carried out – these may also be useful to highlight areas of concern.

Tests that should be carried out include:

- Ze – measured at the incoming supply
- Zs at Db – measured at the consumer unit
- Check of polarity – verified at the incoming supply
- Continuity testing of protective conductors and ring final circuits – use Test Method 2 to test the continuity of the main equipotential bonding conductors and either Test Method 1 and/or Test Method 2 for continuity of circuit protective conductors (CPCs). Use the three-step method to verify all live conductors and the protective conductors of ring final circuits.



If minor deviations not affecting the safety of the installation are found, record these in the 'Comments on the existing installation' section of the appropriate certification.

If any major problems are found, it is recommended that the replacement of the consumer unit does not proceed until further investigation and agreement on the necessary remedial work has been reached with the client.

If the outcome of the inspections and tests or the PI&T are satisfactory and the replacement of the consumer unit work has been agreed with the client, discuss their budget, protection requirement options, division of installation and possibility of installing a consumer unit with more circuit capacity for future expansion.

INCOMING SUPPLY

Where a PI&T has already been conducted, the incoming supply should already have been inspected for suitability. If not, an assessment should be made to ensure that a suitable isolator is installed

so that the consumer unit can be isolated safely without tampering with the equipment owned by the distribution network operator (DNO). If not, the client will need to contact their electricity supplier to have one installed.

Confirmation that the rating of the cut-out fuse and the size of the supplier's meter tails are suitable should also be part of the inspection where the consumer unit is being upgraded to incorporate additional loading, e.g. to install electric vehicle charging equipment. If these are not suitable – e.g. 60A fuse 16mm² meter tails – the client will need to contact their supplier to arrange for the DNO equipment to be upgraded.

A visual inspection shall be made to ensure there is no

↑ Any work should be agreed with the client beforehand

"IF ANY MAJOR PROBLEMS ARE FOUND, IT IS RECOMMENDED THAT THE REPLACEMENT OF THE CONSUMER UNIT DOES NOT PROCEED UNTIL FURTHER INVESTIGATION"



NOTE: Further guidance on inspection and testing is available in Guidance Note 3 from

the Institution of Engineering and Technology (IET).



sign of damage, overheating and/or deterioration of the supplier's equipment, and the length of the meter tails from the isolator to the consumer unit does not exceed 3m to comply with Regulation 433.2.2.

If all is suitable and satisfactory, then the correct safe isolation procedure can be undertaken so that the consumer unit can be replaced. The safe isolation procedure shall be carried out in accordance with the Electricity at Work Regulations, HSG85 and GS38, ensuring that:

- Permission is gained
- There has been a controlled shutdown of the installation
- Alternative supplies have been identified and isolated, if applicable
- Discharge of electricity from equipment has been conducted
- The correct switch-off, lock-off, tag-off and proving dead procedure is followed, and
- All risk assessments and methods statements are adhered to, if applicable.



NOTE: For guidance on safe isolation protocols and procedures, please refer to the video, infographic and downloadable brochure produced by SELECT which can be found at bit.ly/safe-isolate

REPLACING THE CONSUMER UNIT

Where applicable, the following regulations must be adhered to when replacing a consumer unit to achieve compliance with BS 7671:2018 +A2:2022:

- Non-combustible consumer unit or in a non-combustible enclosure (Regulation 421.1.201)
- Line and neutral brought through the same entry of



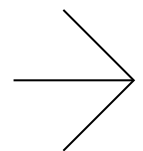
steel enclosure (Regulation 521.5.1)

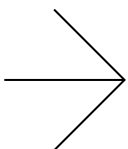
- For incoming supply meter tails, ensure a suitable cable gland is used for specific cables and/or to maintain IP ratings (Regulation 416.2.1 and Regulation 416.2.2)
- Cables adequately protected at their point of entry into the consumer unit. Grommet strip (Regulation 522.8.1 and Regulation 522.8.11)
- Cables of final circuits brought through openings that are not excessively large (Regulation 416.2.1, Regulation 416.2.2 and Regulation 421.1.201)
- Manufacturer's instructions followed during installation (Regulation 134.1.1)

↑ Isolation of consumer units must accord with relevant regulations

↓ All parts must be checked thoroughly before installation

- Maintain earth continuity if the wiring system is used as the CPC (Regulation 543.2.1 (v) (vi) and Regulation 543.3.6)
- Double insulation maintained or single core cables enclosed if required (Regulation 526.8)
- Division of the installation (Regulation 314)
- Protective devices suitably selected for design current, current carrying capacity of conductors etc (Regulation 433.1.1)
- The correct type of RCD is installed. Type AC is now not recommended unless load currents do not contain components of DC current (Regulation 531.3.3)
- No more than 9mA protective conductor current or earth leakage current per RCD where the consumer unit is split load type to prevent unwanted tripping – consider the use of RCBOs (Regulation 531.3.2)
- Selectivity between protective devices (OCPD, RCD) is achieved if supplying another consumer unit, e.g. garage, shed etc (Regulation 536.4)
- The correct type of surge protection





device (SPD) is installed (Regulation 534.4.1)

- Make sure protective devices are clamped onto the busbar and all connections are tight and secure using appropriate torque settings (Regulation 526.1)
- Line, neutral and CPC conductors are correctly coordinated between protective devices and the neutral and earth bars (Regulation 514.8.1)
- Beware of borrowed neutrals if applicable, e.g. lighting circuits

expansion of the installation (Regulation 132.3 (vi))

- Identification of switchgear, e.g. the main switch disconnecter. Make sure it is suitable for the purpose and capable of being secured in the off position (Regulation 514.1.1, Section 462 and Regulation 537.2.7)
- Correct identification of circuits (Regulation 514.9.1)

NOTE: The requirements for provision of a circuit chart need not be applied for domestic, i.e. household, premises or similar installations where certification for initial verification, complete with Guidance for Recipients as detailed in Appendix 6, has been issued to the person ordering the work.

- Appropriate labelling to be positioned at consumer unit, e.g. ‘Safety electrical connection’, ‘Danger 230V’ etc (Section 514).

NOTE: The requirements of Regulation 514.12.1 (Periodic Inspection and Testing Notice), 514.12.2 (Presence of an RCD) and Regulation 514.16.1 (SPD Notice) need not be applied for domestic premises or similar installations where certification for initial verification, complete with Guidance for Recipients as detailed in Appendix 6, has been issued to the person ordering the work.

INSPECTION, TESTING AND CERTIFICATION

After work to replace the consumer unit has been completed, and following inspection and testing required for initial verification, an EIC with completed schedule of

inspections, schedule of circuit details and schedule of test results should be completed and given to the client or person ordering the work.

NOTE: Inspections and testing will be carried out in accordance with Chapter 64 of BS 7671:2018 + A2:2022 with additional guidance given in the IET Guidance Note 3, Inspection & Testing.

IN CONCLUSION

The information above is not exhaustive as there are many other factors, regulations and criteria that may have to be considered and will come into play when replacing a consumer unit.

However, most of the work should be carried out through investigation, inspection and testing and client consultation before the old consumer unit has been removed.

This article isn't a step-by-step or 'how to' guide – it is intended to raise awareness of the circumstances, requirements and procedures that should be considered when undertaking work that entails the replacement of a consumer unit. ■

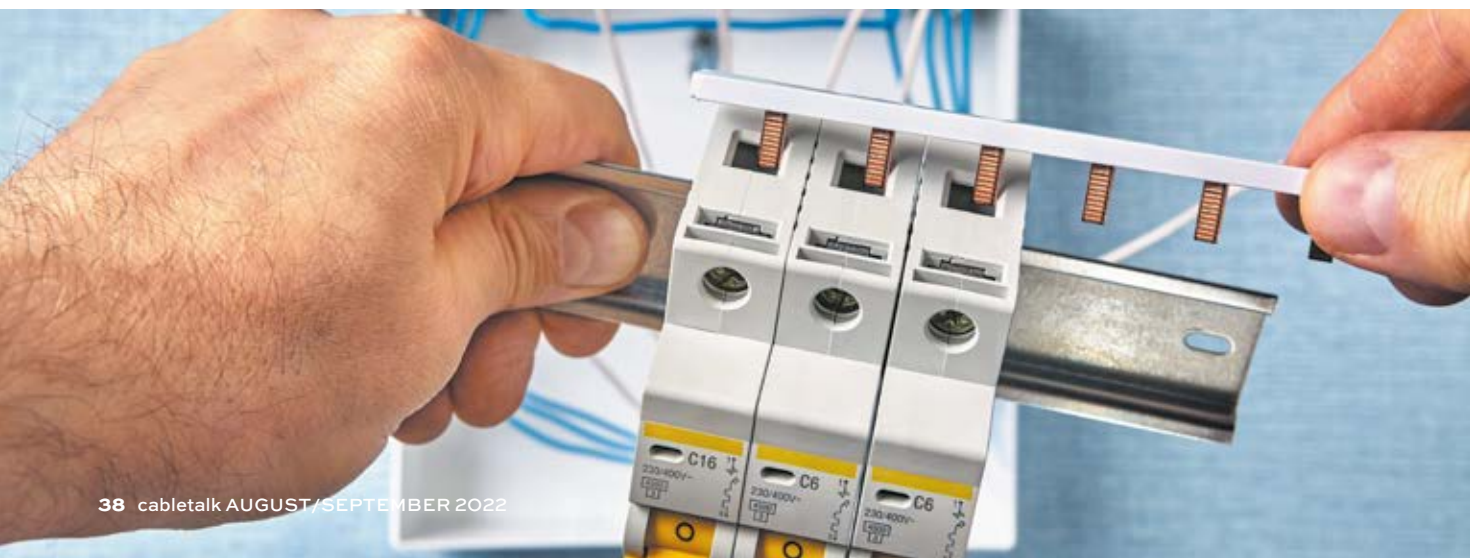
📞 If you have any comments or queries, do not hesitate to contact your Technical Adviser or call us on the Technical Helpline on 0131 445 9218 and we will do our best to help.

“MOST OF THE WORK SHOULD BE CARRIED OUT THROUGH INVESTIGATION, INSPECTION AND TESTING AND CLIENT CONSULTATION”

(Regulation 314.4)

- No undue strain on the conductors (Regulation 522.8.5)
- Conductors identified with appropriate sleeving or numbering as per Table 51 (Regulation 514.4)
- Connections in conductor properly made and suitably enclosed (Section 526)
- Consider if there is adequate working space to leave spare ways in the distribution board for future

↓ All equipment must be installed in accordance with manufacturer's instructions



Continuing our commitment to all corners of the sector, SELECT has collaborated with other organisations to produce a new guide to electrical safety in the aquaculture industry

Cod of practice

WORDS
NEIL SIM
Technical Adviser



ELECTRICAL safety in the aquaculture industry might seem like a niche topic, but it's one that's still important to a number of Members, so we have spent the past few months compiling an authoritative code of practice.

Conceived and written in conjunction with the Aquaculture Safety Group (ASG) and Electrical Contractors' Association (ECA), the guide is the result of extensive consultation and work by many parties, including the Health and Safety Executive (HSE).

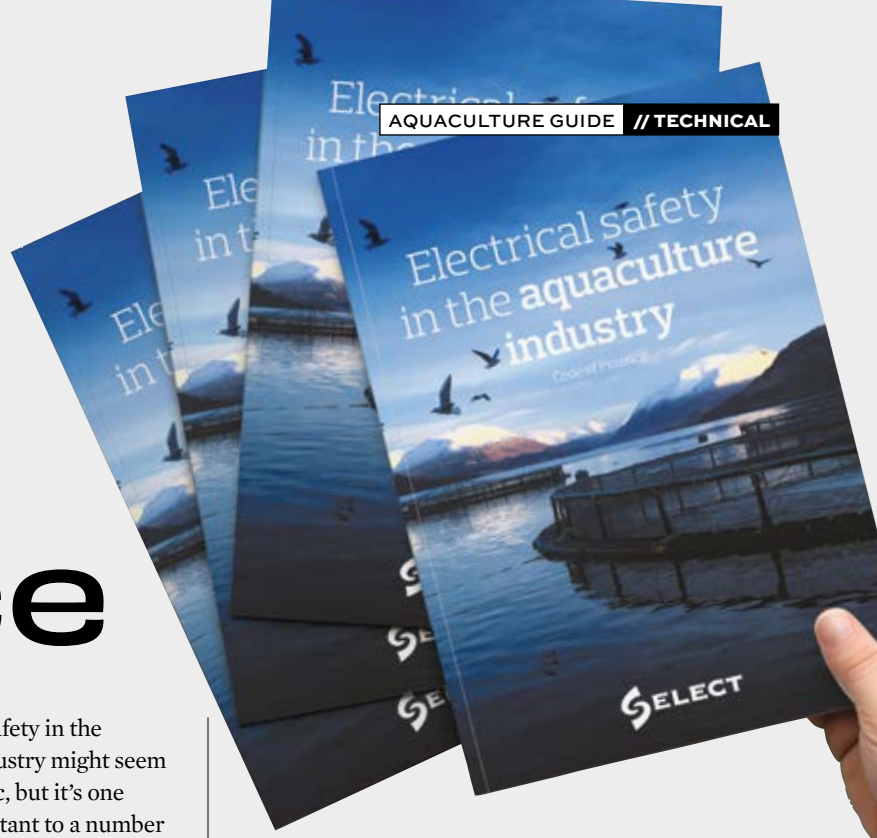
The result is believed to represent the best advice currently available and a source of reference for both aquaculture organisations and electrical contractors.

Providing guidance on how to comply with the law regarding electrical safety, i.e. the Electricity at Work Regulations 1989, the guide is designed to supplement the requirements of the current edition of BS 7671: 2018.

Areas covered are:

- **Power supplies** – connection to public and shore-based supplies, local generation and batteries

↓ Due to their locations, electrical safety on fish farms is absolutely vital



- **Voltages** – reduced low voltage (RLV) and multi-voltage generators
- **Protection against electric shock** – protective earthing, protective equipotential bonding, automatic disconnection of supply and RCDs
- **Protection against environmental conditions** – ingress protection, equipment construction, installation methods and fixings
- **Cabling** – SWA cables, PVC insulated and sheathed multi-core cables and submarine cable connections
- **Isolation** – arrangements for maintenance, emergency switching and functional switching in line with BS 7671
- **Socket-outlets** – suitable devices for RLV and height and location of installation
- **Portable tools and appliances** – the importance of battery-powered handheld power tools
- **Lighting** – suitable luminaires, floodlighting, hand lamps and power supply
- **Battery-powered equipment** – radio communication equipment, solar panels and wind turbines
- **Navigational lighting** – which appropriate authority to consult with
- **Maintenance** – maintenance programmes, inspections, testing and risk assessments.

Available as a free download, the 20-page digital PDF is aimed at those responsible for the design, maintenance, selection of materials and methods of construction for electrical installations on and about aquaculture facilities, including sea and inland water fish farms. Although it does not directly apply to land-based fish farms, it contains useful guidance that could be considered by those working on such installations. ■

📄 The new guide can be downloaded at bit.ly/aquaculture_guide

THE LATEST IN-PERSON AND E-LEARNING COURSES TO BOOST YOUR SKILLS AND KEEP YOUR KNOWLEDGE UP TO DATE

Training

MORE INFORMATION

To enquire about SELECT's range of training courses, please call 0131 445 5577 or email training@select.org.uk

To help keep Members up to speed with the latest electric vehicle charge point technology, we've formed a new partnership to deliver installation courses in south-west Scotland

S **ELECT** is now working in partnership with Dumfries & Galloway College to offer the City & Guilds training course on Electric Vehicle (EV) Charging Equipment Installation.

The course, which will begin in Dumfries in September, aims to provide expert guidance to learners wishing to gain a better knowledge and understanding of all aspects of the installation of EV charging equipment.

This City & Guilds 2921-31 qualification replaces the City & Guilds 2919-01 and covers design and installation of domestic and small commercial EV



↑ Learners will get expert guidance on the specifics of electric vehicle charging

EV learning course fully charged

charging installations.

The qualification includes additional methods of protecting against open

protective earth and neutral (PEN) conductor faults and how to assess if an installation has an issue with diverted neutral current.

It also includes smart functions in electric vehicle supply equipment (EVSE) and relevant items within the installation as a

WORDS
JENNY CRYANS
Training Manager



↑ Dumfries and Galloway College will play host to the training course

"CANDIDATES WILL BE ASSESSED BY A MULTIPLE-CHOICE TEST AND A SHORT ANSWER AND SCENARIO-BASED ASSIGNMENT"



whole. The training course also covers integration into prosumer electrical installations, including the option of EVs reverse-feeding into the installation and/or supply grid.

CONTENT:

- Know the key requirements relating to EV charging equipment.
- Know different types and features of EV charging equipment.
- Understand the requirements for inspection, testing, commissioning and handover of EV charging equipment and circuits.
- Understand the use of vehicles as electrical energy storage systems as part of installations.

Candidates will be assessed by a multiple-choice test and a short answer and scenario-based assignment.

This qualification is being delivered over four evenings (6-9pm) and a fifth evening for the online assessment (6-7pm). By the end of the course learners will understand and be able to design and install domestic and small commercial EV charging installations.

"THE COURSE, WHICH WILL BEGIN IN DUMFRIES IN SEPTEMBER, AIMS TO PROVIDE EXPERT GUIDANCE TO LEARNERS WISHING TO GAIN A BETTER KNOWLEDGE AND UNDERSTANDING OF ALL ASPECTS OF THE INSTALLATION OF EV CHARGING EQUIPMENT"

↓ EV charging points are becoming a more frequent sight as the move towards net zero continues



Visiting The Walled Garden for a training course?

Watch our video beforehand at bit.ly/twg-visit



Sites around country to help you learn

In addition to the course at ① Dumfries & Galloway College, the Electric Vehicle (EV) Charging Equipment Installation course is also available at ② West College Scotland, Paisley, and at ③ Fife College, Glenrothes, where the sessions are held over two days.

PRE-COURSE REQUIREMENTS

The course is designed for qualified electricians who are 18 years and older and with a minimum of 18th Edition qualification and who must be able to demonstrate the following competencies:

- Be able to correctly install

and terminate PVC/PVC cable (twin and earth).

- Be able to install steel wire armoured (SWA) cable.
- Be able to carry out an initial verification (inspection and testing) on an electrical installation and complete the necessary paperwork.
- Meet the SELECT learner entry requirements, i.e. hold an ECS Gold Card, SJIB Electrician or Approved Electrician Card.

The cost of this course for SELECT Members is £345 + VAT (£414) per person. ■



➡ For further information and available dates, please visit the Training section on the SELECT website and choose the 'Technical training' option. Alternatively, call SELECT Training on 0131 445 5577 or e-mail training@select.org.uk

Industry insight

WORDS
PROFESSOR
RUDI KLEIN
Barrister &
SELECT Consultant



Will Holyrood's new law keep cash flowing?

Our expert explains the implications of the Moveable Transactions (Scotland) Bill, which will introduce new legislation that aims to help small firms with their liquidity

As part of its current legislative programme, the Scottish Government undertook to make “various types of commercial transactions more efficient and less complicated than at present, leading to easier access to finance for businesses in Scotland, supporting our competitiveness and aiding our economic recovery”.

To deliver on this promise, in May it introduced the Moveable Transactions (Scotland) Bill in a bid to address a problem that has faced many businesses for years. Firms wishing to borrow money using their

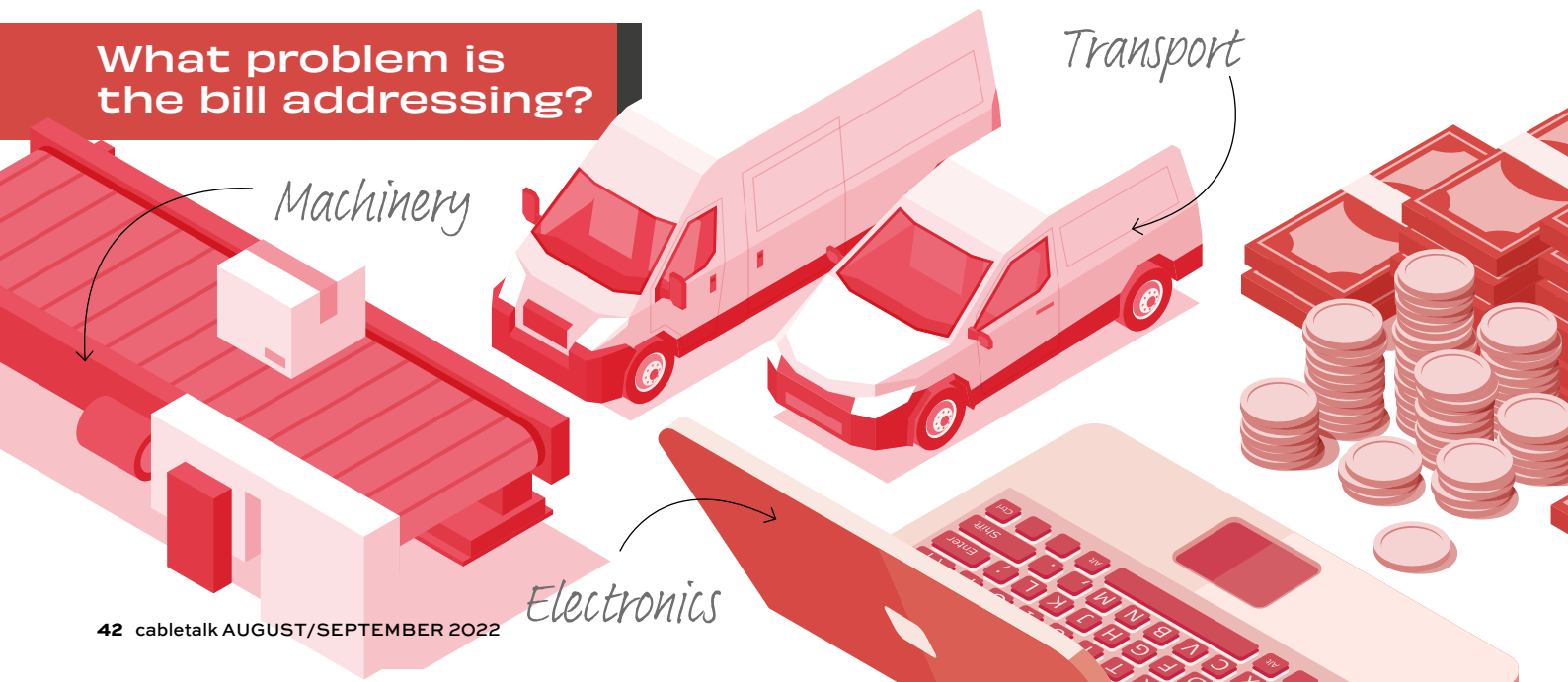
moveable assets as collateral or security have often faced insurmountable hurdles due to the archaic rules which apply in this context.

Where a non-fixed asset is used as security, it must be handed over to the creditor, who then has certain obligations in relation to the care of the asset.

This is inconvenient to both lender and borrower, especially the latter who would want continued use of the asset in the business.

Floating charges are a way around this problem as they enable moveable assets to be freely dealt with and only crystallise (or fix) on the assets remaining at the moment of insolvency. Unfortunately they are not available to sole traders or partnerships.

What problem is the bill addressing?



"FIRMS WISHING TO BORROW MONEY USING THEIR MOVEABLE ASSETS AS COLLATERAL OR SECURITY HAVE OFTEN FACED INSURMOUNTABLE HURDLES DUE TO THE ARCHAIC RULES WHICH APPLY IN THIS CONTEXT"

SO WHAT WILL THE BILL DO?

To overcome the problem outlined above, the Bill will introduce a new form of security over moveable property known as a Statutory Pledge, that will enable small firms to continue to use or transfer/sell the assets they have.

REGISTER OF STATUTORY PLEDGES

The Bill will also introduce an electronic public register, which will be known as the Register of Statutory Pledges.

This will mean that if any equipment or machinery is used as security, its inclusion on the register will remove the need for it to be transferred to the creditor.

REGISTER OF ASSIGNATIONS

The Bill will also introduce a parallel reform regarding assignments, which is the transfer of a claim or right such as the right to receive payment under a construction contract. Such right may be transferred to a lender as a way of discharging a debt. But to effect the transfer of the right, the paying party must be informed,

Watch Rudi's contract videos

► READING THE SMALL PRINT

Terms and conditions can often hide a multitude of potential hazards. In his latest video, Professor Klein explains why it's vital to check suppliers' T&Cs, paying particular attention to price adjustment clauses, disclaimers and any references to non-delivery of materials. **Watch now at bit.ly/STV-TCs**

► BATTLE OF THE FORMS

During this video, Professor Klein discusses the 'battle of the forms', outlining exactly what such a conflict entails and the risks associated with fighting over paperwork. He also advises on your chances of winning and what happens if a contract doesn't materialise. **Watch now at bit.ly/STV-forms**

► CONTRACT DOCUMENTATION

Professor Klein puts contract documentation under the spotlight, giving Members an invaluable insight into what they should be watching out for. He also uses his years of experience to advise on paperwork pitfalls and the dangers that lurk when it comes to liability. **Watch now at bit.ly/STV-contract**

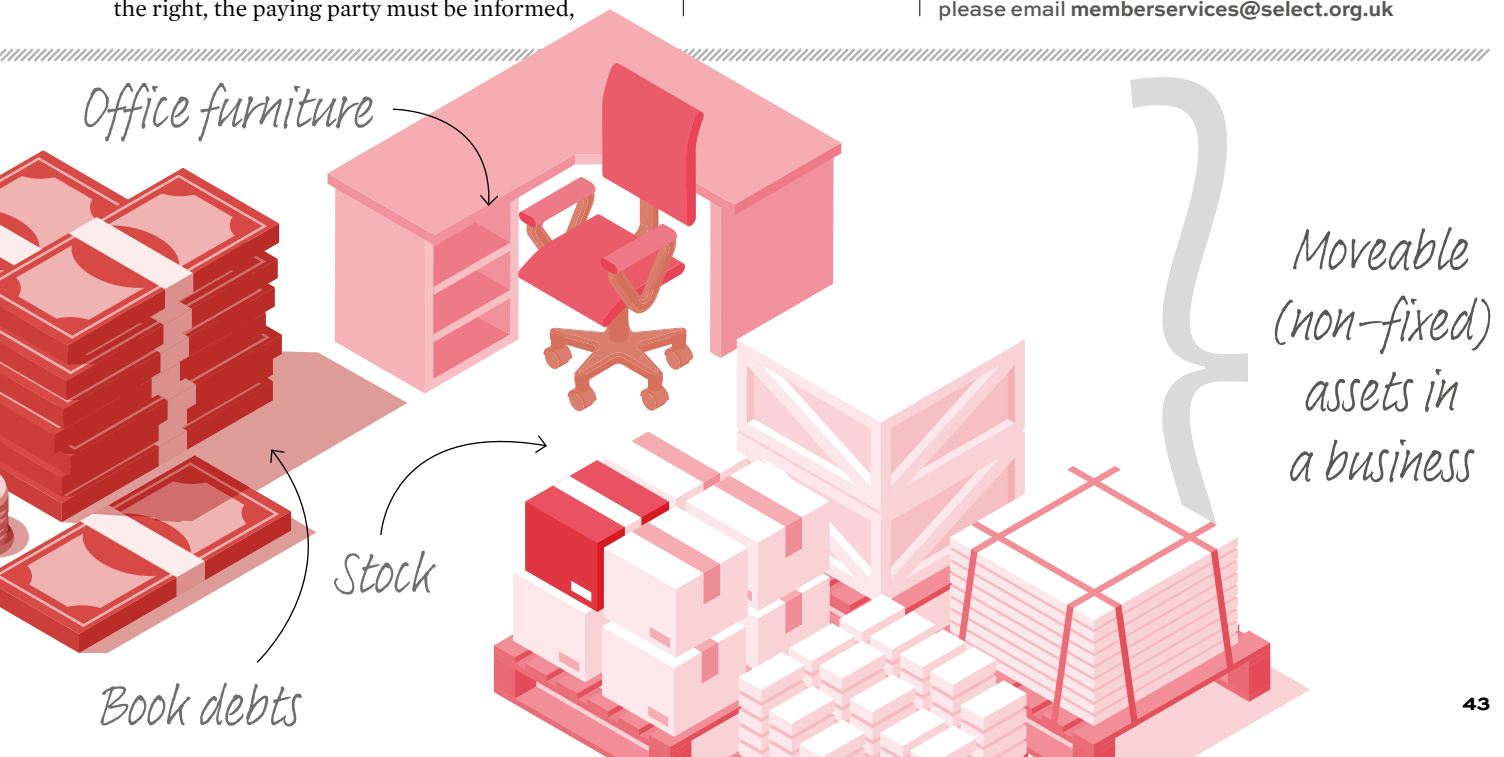
► DESIGN LIABILITY

What exactly is 'design'? When do I take on responsibility for it? And what should I look out for and avoid? Once again, Professor Klein is here with all the answers to help guide you through the maze when it comes to the world of design. **Watch now at bit.ly/STV-design**



or *intimated* to use the legal phraseology. The Bill will introduce a Register of Assignations to remove the need for intimations which may, for example, make it much easier to use invoice discounting or factoring. ■

➔ If you have a query or are experiencing poor payment practices on public sector projects, please email memberservices@select.org.uk



Don't put it off!

With many medical conditions, early intervention can significantly affect how a condition is treated – and may even be the difference between life and death

MEN'S Health Week this year focused

its message on the importance of taking notice of what's going on in your mind and body.

It's therefore vital that we gain the courage to face up to any symptoms we may have and seek medical advice whenever something doesn't feel right.

If put off, treatment may be more invasive, or the condition may deteriorate so that it has a long-term impact on your health.

As an example of the importance of early intervention, let's look at three health conditions that can have positive outcomes if diagnosed early on.

CATCH CANCER EARLY TO STOP IT SPREADING

Spotting early signs of many cancers can increase your survival rate. For example, more than nine in 10 bowel cancer patients survive the disease for five years or more

WORDS
VICKI LESLIE
Client Relationship
Manager, EC
Insurance Services



if diagnosed at the earliest stage.

Diagnosing cancer before it can spread means that your treatment is more likely to be successful. However, many cancers develop inside your body, making them difficult to spot in the early stages.

Also, not every person with cancer has symptoms. General cancer symptoms include unexplained pain or aches, very heavy night sweats, unexplained weight loss, fatigue and any unusual lump or swelling anywhere.

HEART DISEASE CAN CAUSE SERIOUS COMPLICATIONS

Heart and circulatory diseases cause a quarter of all deaths in the UK. Heart disease can cause many potentially fatal complications if left untreated.

"REGULAR CHECK-UPS TO HELP ESTABLISH YOUR CURRENT HEALTH ARE ESSENTIAL AS SOME SEVERE DISEASES DON'T HAVE ANY OUTWARD SYMPTOMS"

Complications include heart failure, heart attacks, strokes and pulmonary embolisms.

Seeking treatment as soon as you experience the early indicators of heart problems, such as high blood pressure or shortness of breath, can result in better outcomes.

TREATING DIABETES BEFORE IT AFFECTS MAJOR ORGANS

With type 2 diabetes, getting diagnosed early is vital to avoid serious complications. If left untreated, diabetes can affect many major organs, including your eyes, heart and kidneys.

Type 2 diabetes can be easy to miss as it develops slowly. Still, the most common symptoms include increased thirst, increased urination,





SIGN UP FOR MENTAL HEALTH WEBINAR

To help Members understand and introduce better workplace practices around mental health, SELECT and ECIS are hosting a

free webinar on Tuesday 20 September at 1pm, entitled *Mental health in the workplace*. Sign up now at bit.ly/ecis-web

“DIAGNOSING CANCER BEFORE IT CAN SPREAD MEANS THAT YOUR TREATMENT IS MORE LIKELY TO BE SUCCESSFUL”

symptoms you may have. Whether it’s concerns over cancer, mental health or muscle, bone and joint conditions, SELECT PMI scheme members can call Bupa’s Direct Access Services who will triage the member and provide an onward referral if necessary.

The Rapid Cardiac Assessment service provides access to Bupa’s Cardiac Support Team who can arrange for a cardiologist appointment and diagnostic tests as necessary. At-home testing is offered where appropriate to provide members with the easiest and safest way possible to be diagnosed.

The Babylon Digital GP service provides access to a GP 24 hours a day, seven days a week. Members can arrange a video or telephone appointment with a doctor any time of the day or night and the GP can provide advice and prescriptions. If treatment is required, the GP can provide a referral which then goes straight into the PMI benefit.

The time it takes to make a phone call could be life saving so **don’t put it off**.

It’s better to have the peace of mind that nothing is wrong rather than waiting until it’s too late to get checked. ■

feeling tired and losing weight. Being diagnosed early means that you can manage your blood sugar levels and help prevent these complications.

THE IMPORTANCE OF REGULAR CHECK-UPS

Regular check-ups to help establish your current health are essential as some severe diseases don’t have any outward symptoms. Health checks can also identify risks you may face in the future so that you can make lifestyle changes that help you to live a healthy life now and in the future.

HOW SELECT MEMBERS CAN BENEFIT

As an Associate Member of SELECT, ECIS offer

Bupa health assessments at discounted rates for Members, with a range of options available so you can pick the one that’s right for you.

The SELECT private medical insurance (PMI) scheme with Bupa, which is provided through ECIS, includes additional services beyond access to just hospital treatment, which can help you get treatment for any



HOW CAN WE HELP?

ECIS has been helping people get the best healthcare cover for their needs since 1980 and is committed to helping SELECT Members and their business.

If you are thinking of a PMI policy for your employees or would like ECIS to review your current arrangement, speak to the team on **0330 221 0241**, email ecis@ecins.co.uk or visit www.ecins.co.uk

Ukraine and force majeure clauses

A look at how the ongoing conflict affects business deals and whether it could be reasonably seen as a reason for participants failing to carry out their contractual obligations

WORDS
DAVID WILSON
Partner



MACROBERTS
LLP

In the UK, construction law is made up of several bodies of law, making it a complex area of practice. This is the third in a series of articles which seek to provide an overview of some frequently asked questions in the construction industry and in relation to the laws which govern it. Specifically, we take a look at queries related to the impact of the conflict in Ukraine.

What is a force majeure clause?

Where included in a contract, a force majeure clause excuses a party from their performance obligations. The clause will only apply in circumstances where events, outwith a party's control, prevent them from fulfilling their performance obligations.

While some standard form contracts define what acts or circumstances are included, defining a qualifying event is not always simple.

Generally, force majeure clauses will exclude events that are foreseeable. However, there may also be a difficulty in defining what is reasonably foreseeable.

Can the impact of the conflict in Ukraine and any material shortages that arise amount to the successful application of a force majeure clause?

As noted, the starting point when assessing the applicability of most force majeure provisions is to consider whether the circumstance which prevented performance of contractual obligations was foreseeable.

If the circumstance is deemed foreseeable at the time the contract was entered into, then the provision would fall. However, in this instance, should it be determined that the conflict could not have

been reasonably contemplated by parties at the time the contract was entered into then the provision may still apply.

If the foreseeability 'test' is passed, then parties must consider whether the event does in fact prevent them from carrying out their obligations under the contract. For many in the

construction industry the most significant impact felt as a consequence of the conflict has been the steep rise in material and fuel costs, and the resulting reduction in the availability of materials. While this undoubtedly increases the financial burden on parties, the fact that a contract has become more expensive or onerous to perform is unlikely on its own to be sufficient to the extent that a force majeure provision would take hold. Therefore, in the circumstances, it seems that it would be difficult for parties to successfully rely on the provision in relation to the conflict.

Where materials are procurable, albeit at a higher price than the original contract sum, can the difference be claimed for under the contract?

Whether or not increased costs can be claimed under the contract will depend entirely on the provisions of that particular agreement.

Some contracts will afford parties the opportunity to increase charges, insofar as inflation is concerned, where a price fluctuation provision is included.

Further, some standard form contracts suggest that a "Change" can be made to the specified materials in the event that they are no longer procurable. However, that does not account for a change in cost.

As with any construction project, the precise facts and circumstances are important when considering many of the foregoing issues, so it is always important to involve your solicitor early in the process. For any advice on your contractual rights/obligations, or alternatively for any advice in relation to dispute resolution, please feel free to get in touch with a member of our construction department. ■



"IF THE FORESEEABILITY 'TEST' IS PASSED, THEN PARTIES MUST CONSIDER WHETHER THE EVENT DOES IN FACT PREVENT THEM FROM CARRYING OUT THEIR OBLIGATIONS UNDER THE CONTRACT"

**LEGAL
HELPLINE**
0141 303 1111

As a Member of SELECT, you have access to the Legal Helpline operated by MacRoberts LLP. This helpline covers advice and assistance on commercial, contractual and employment matters under Scots law which concern your business.

Get right advice on R&D claims

With HMRC shining an ever-brighter spotlight on claims for research and development (R&D) tax relief, it's vital to avoid the sharks when choosing an adviser. An upcoming webinar for Members will help you navigate the journey successfully to ensure any claims are watertight

R&D tax relief can act as a lifeline for innovative electrical contracting businesses. However, with mounting scrutiny from HM Revenue and Customs (HMRC), it is important to ensure your R&D tax relief claim is as robust as possible.

The recent growth in spurious R&D claims has prompted an increase in enquiries from HMRC, leading to the risk of challenges to legitimate claims.

ForrestBrown recently secured a landmark victory against HMRC in a tribunal case for construction company Quinn (London) Ltd that dealt with SME R&D tax relief and subsidised R&D expenditure.

However, despite this successful ruling, HMRC has stated it will persist in challenging the eligibility of customer-led R&D projects for the SME incentive.

As a result, it is **VITAL** for electrical contractors to be aware of the steps needed to protect themselves in the event of an enquiry.

Aside from the potential impact on future claims, if HMRC finds proof of an erroneous or invalid claim, significant sums may be required to resolve the situation. In some serious cases, HMRC can even extend their assessment back to earlier years.

To ensure your claim stands up to scrutiny, you need to start by picking the right adviser. Many are not regulated, and with the electrical contracting industry facing exceptional challenges, examination of an adviser's credentials is key.

The best advisory firms will always have specific sector experience. So if an adviser doesn't speak the language of an electrical contractor, they don't know your business.

The policy-level conversation surrounding R&D tax relief is also changeable. So if you suspect a copy-and-



WORDS
ALEX PRICE
Director,
ForrestBrown



ForrestBrown
R&D tax credit consultancy

"HMRC HAS STATED IT WILL PERSIST IN CHALLENGING THE ELIGIBILITY OF CUSTOMER-LED R&D PROJECTS FOR THE SME INCENTIVE"

paste job from an adviser, your claim may face the threat of an enquiry.

R&D tax relief helps businesses innovate. However, while the majority of claims pass through the system without facing an inquiry, engaging the wrong adviser, or failing to prepare adequately, could put your business at risk. ■



WATCH OUR EXCLUSIVE WEBINAR

To help Members find out more and advise on what to watch out for when choosing an R&D adviser, ForrestBrown is hosting a free webinar on

Tuesday 6 September at 12 noon, entitled *The new era for R&D tax relief: An update for SELECT Members*. Sign up now at bit.ly/fb-rd

Follow rules to keep a level playing field

S **ELECT** Members are being reminded that it is vital to keep following the SJIB National Working Rules (NWRs) to maintain a “level playing field” across the industry.

With the ongoing uncertainty around pay and working conditions, The Secretary of the SJIB, Fiona Harper, has reinforced the importance of adhering to the NWRs to ensure consistency and protection through best practice for all SELECT Members large and small across Scotland and the UK.

Fiona, who is also Director of Employment & Skills at SELECT, said: “We have heard from some Members who are experiencing problems with recruitment due to people asking for higher rates of pay. However, if we all stick to the NWRs then the unintended consequences of an escalation of wage rates are cauterised.



↑ Fiona Harper

“The NWRs have been specifically designed to ensure industry consistency, so if everyone follows them it ensures we maintain a level playing field, which is all-important in the current economic climate.

“We know this can often be a tricky subject, so we would be happy to discuss any queries that SELECT Members may have to help them navigate any issues and resolve things to everyone’s satisfaction.”

All SELECT Members are automatically considered members of the SJIB, with access to a wide range of benefits including:

- Common employment terms and conditions based on employment law and best practice
- Visibility and monitoring of electrical contracting

“SELECT IS A FOUNDING PARTY AND SIGNATORY TO THE SJIB NWRs, ALONGSIDE UNITE THE UNION”

and construction activity

- Employee engagement and good industrial relations
- Promotion and support of ECS Cards and SJIB Grading
- Full access to SJIB disciplinary and grievance procedures
- Tax dispensation on travel and accommodation, by agreement with HMRC
- SJIB Welfare Benefits supplied at

competitive rates

- Access to, and support for, attracting future talent through the SJIB Apprentice and Adult Training programmes.

Fiona continued: “SELECT is a founding party and signatory to the SJIB NWRs, alongside Unite the Union.

“As well as stating that employers and employees are able to enjoy the rights and privileges as may be determined by the SJIB, the SJIB constitution also states that employers and employees are bound to accept, observe, and comply with the decisions, regulations, agreements, and rules made by the National Board.”

↓ Wage rates for electricians are a tricky subject in the current economic climate

- 🔗 If you have a query about pay, working conditions or the National Working Rules, please contact the SJIB by visiting the website at sjib.org.uk



📌 REMEMBER!

Our ECS Portal is the easiest way to apply for a new ECS Card, with details automatically entered into our system. Using it also means you can upload a photo and any training certificates instantly. You’ll find it at select.org.uk/SJIB



There were plenty of smiles as Fiona said goodbye



Raising a glass to Fiona on her well earned retirement

Farewell lunch is a fitting tribute to Fiona's 20 years of service

THE SJIB recently held a special farewell lunch for Fiona

Cornwall after she retired from SELECT after almost 20 years at the association.

Thirteen guests gathered at Contini in George Street in Edinburgh on Wednesday 8 June to say goodbye to the popular Employment & Skills Manager, who stepped down on 21 April.

Among those present were SJIB Chairman Jock Simpson, Unite the Union Regional Officer Scott Foley and Greig McArthur, a Union member.

Also wishing Fiona well in retirement were fellow SJIB Board members and SELECT Members Donald W Orr, Alick Smith, Eric Rae, John Noble and Brian Boyd.

SELECT staff were represented too, with Director of Employment & Skills Fiona

Harper, Director of Finance & Operations John McGhee, and new Employment & Skills Operations Manager Natalie Burke raising a glass to their former colleague.

Fiona's husband and former SELECT Technical & Safety Adviser, Jim Cornwall, also joined the party.

Fiona Harper, who is also The Secretary of the SJIB, said: "The SJIB National Board wanted to formally thank Fiona for all her years of hard work and dedication, and this lunch was a fitting way to express our appreciation for everything she did.

"Fiona had many memorable achievements during her time with SELECT, including organising the 40th



Guests enjoyed fine food at Edinburgh's Contini restaurant

and 50th SJIB anniversary events, the introduction of ISO:9001 for the ECS Health, Safety and Environmental Assessments, three SJIB website developments, three iterations of information management systems and assisting with the overhaul of the SJIB grading system."

↑ ABOUT SJIB

SJIB regulates relations between employers and employees engaged in the Scottish electrotechnical industry. To find out more about SJIB and its work, call **0131 445 9216**, or visit www.sjib.org.uk

! REMEMBER!

Our small team is still extremely busy and receiving a high volume of calls. The best way to get in touch is the 'Contact Us' form at sjib.org.uk which ensures your query goes directly to the team member responsible.

VID HAS EVERYTHING YOU NEED TO KNOW ABOUT ECS CARDS

Our new guidance video about ECS Cards is just undergoing its final edit and will be launched soon. Developed with the Membership and Communications team, the tutorial will deliver a step-by-step demonstration of how to apply for a card. Watch this space!



SECTT Update

Four Scots set for UK apprentice prize final

FOR the first time in three years, SECTT was proud to team up with National Electrotechnical Training (NET) to host the Scottish heat of SkillELECTRIC, the UK electrical industry's premier competition.



↑ Andrew Horne competing

Held on 14 and 15 June at Forth Valley College, Falkirk Campus, the regional competition saw the best apprentices from across Scotland battle it out to secure a place in the grand final.

After a particularly high standard of work, three of the four Scottish lads chosen as UK finalists will come from SELECT Member companies:

- **Robert Rae** of Dumfries and Galloway College, employed by Lotus Electrical Services
- **Craig Fairweather** of Moray College, employed by McDonald & Munro Ltd
- **Andrew Horne** of Lews Castle College, employed by A Campbell Electrical Services. **Robbie Neave**

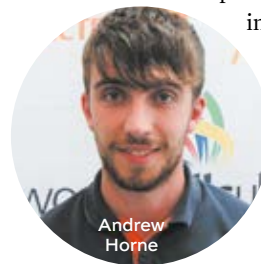


Robert Rae



↑ Barrie Mackay and Anne Galbraith of SECTT (centre) with the competitors

of Borders College and Braidwood Building Contractors will also represent Scotland in the final at Middlesbrough College on 16 and 17 November as part of the prestigious WorldSkills UK LIVE event.



Andrew Horne

Our four competitors

will take part in a two-day electrical installation challenge under the eyes of industry experts, who will determine who is crowned the UK's best young electrician. Medals will also be awarded for second and third place. SkillELECTRIC is the only competition aligned to the WorldSkills network,



Craig Fairweather

GET INTO ELECTRICAL COURSE RETURNS

As *cabletalk* went to press, SECTT was preparing to take part in a celebration event for the first Get Into Electrical Installation course completed since lockdown.

SECTT staff joined youngsters to mark the culmination of their six-week programme on 4 August in the ICE Teaching Block at West College Scotland – Paisley Campus.

Now in its sixth year, the intense taster course is run in partnership

with the Prince's Trust thanks to funding support from the Electrical Engineering Training Foundation (EETF), operated by SELECT.

The initiative allows candidates to make an informed choice about becoming an electrician and has proved to be a successful route into the Modern Apprenticeship programme for many youngsters.

A full report will appear in the next issue of *cabletalk*.



Kits put safety first for learners

SECTT has once again been delighted to partner with Electrical Safety First (ESF) to provide all 3rd Stage apprentices and adult trainees with safe isolation kits.

More than 600 learners at 21 Approved Centres across Scotland are being given the free lockout kits, worth £30, to help reinforce best practice and ensure power is safely turned off until electrical work is completed.

Anne Galbraith, SECTT Chief Executive, said: "I spend a lot of time in our centres stressing the importance of working safely, and these kits will help learners become familiar with the kits that they'll use when they sit their FICA and beyond."

Lesley Rudd, Chief Executive of ESF, said: "It is vital that everyone in the industry adopts safe working practices right at the start of their career. Using a lockout



↑ The kits were distributed to 21 Approved Centres across Scotland, including students in Clydebank

kit, which allows for safe isolation, is a fundamental safety precaution.

"However, providing these kits is not simply about offering young electricians essential safety equipment. We want it to help make safe working an ingrained habit, as it could make the difference between life or death.

"Our longstanding partnership with SECTT – which is now entering its 14th year – means we are helping to safeguard another generation of Scottish electricians."



Robbie Neave

which means competitors have the chance to go on and compete at international level.

At the last final, Scottish apprentices won silver and gold, following up on Scottish gold and silver the previous year – so no pressure on those competing this year!



↑ Craig Fairweather competing



↓ Apprentices at the Glasgow Kelvin centre with their safe isolation kits



↑ Trainees in Dumfries and Galloway were delighted with their packs

Apprentices showcase their skills

WITH colleges now back in full swing, SECTT recently held three Apprentice of the Year competitions for the first time in three years.

Young learners battled it out across the country at UHI Inverness, Fife College and West College Scotland – Paisley Campus, with extremely high standards at each.

Barrie McKay, SECTT Training and Development Manager, said: “It’s great to be getting back to normal and letting our future talent showcase their practical and theory skills. This year saw some very tight competition with some excellent professionalism on display.”

Barrie added: “I’d like to say a massive thank-you to the colleges for organising the workshops and classrooms and also to Edmundson Electrical for donating the prizes.”



Battling it out

The three competitions were held at

- 1 UHI Inverness,
- 2 Fife College
- and 3 West College Scotland – Paisley Campus



North 1st Stage was won by 🏆 Kalum Low, M S Electrical, Moray College UHI



North 2nd Stage winner 🏆 Danny McBean, from Grants (Dufftown) Ltd and Moray College UHI, and the other certificate winners from his group

“THIS YEAR SAW SOME VERY TIGHT COMPETITION WITH SOME EXCELLENT PROFESSIONALISM ON DISPLAY”



East 1st Stage winner 🏆 Adam Middlemiss, who works with W P Purves and is a student at Borders College, with the other competitors from his region



The East 2nd Stage competitors with winner 🏆 Andrew Campbell, from Jordan Electrics Ltd and Edinburgh College – Sighthill Campus



West 1st Stage competitors including winner 🏆 Milly Smith, of CS McKerlie Electrical Services, who studies at Dumfries and Galloway College



The West 2nd Stage was won by 🏆 Nathan Mills, of Intelligent Electrical Solutions and New College Lanarkshire – Motherwell Campus

Building for the future with pupils



↑ MSP Jamie Hepburn (right) congratulates 2019's winning Linlithgow team

AS well as resuming the Prince's Trust initiative, SECTT is delighted to announce that the Construction and Built Environment Challenge (CABEC) will return this autumn.

The challenge sees training providers and local college and university staff devise and run a series of construction, engineering and building services challenges for teams of pupils aged 13 and 14.

All schools in Edinburgh and the Lothians are invited to put forward a team of 10 pupils, with the aim of showing them the varied and exciting careers available at this vital stage of their education.

SECTT CEO Anne Galbraith said: "This popular event has been inspiring youngsters for more than 20 years, so we are happy to see it return after it became another casualty of COVID-19 restrictions."

"THIS POPULAR EVENT HAS BEEN INSPIRING YOUNGSTERS FOR MORE THAN 20 YEARS"

EXPANSION OF FICA PROVISION AT CAMBUSLANG CENTRE

SECTT is currently expanding the FICA provision at the Cambuslang Assessment Centre, with additional booths likely to be ready for the end of August or September.

SECTT is also in discussion with Edinburgh College to expand the current provision in the east. Further details of both will be released in due course.

ABOUT SECTT

SECTT manages high-quality training on behalf of the SJIB. To find out more about SECTT and its work, call 0131 445 5659, email admin@sectt.org.uk or visit www.sectt.org.uk

THE TALENT OF TOMORROW

Calum McCulloch

AGE: 26
POSITION: Apprentice, but will soon be starting as a trade electrician
WORKS: West Dunbartonshire Council
STUDIES AT: West College Scotland
HOBBIES: I love playing five-a-side football as well as hanging out with my partner, family and friends

WHAT MADE YOU THINK OF BECOMING AN ELECTRICIAN?

When I was growing up, I always wanted to be an electrician. I applied to study either electrical engineering or mechanical engineering at college, and got accepted for mechanical engineering, but I always knew my heart was in electrical so I didn't fully commit and ended up leaving my course. A couple of years later, I got a diploma in Coaching and Developing Sport. Once I got that diploma I thought to myself, 'This is my last chance to just go for it and apply for an electrical apprenticeship' – so I did.

WAS IT DIFFICULT TO GET AN APPRENTICESHIP?

I think when you're younger it's a wee bit harder to get an apprenticeship because you've not got as much experience to put on your CV. But obviously with me being a bit older and therefore a mature apprentice, I had a lot more work experience to put on mine. So

I think my age did help. No sooner had I applied for my apprenticeship in 2018 than I heard that I was successful. I passed a

problem-solving test and started a month later.

HOW HAVE YOU FOUND IT?

It's been brilliant. It's something that I'm glad I had the courage to do, because I'd never look back now. It's a life-changing job. The world's your oyster.

WAS THE COLLEGE TRAINING WHAT YOU EXPECTED? WHAT'S MOST CHALLENGING?

I had expected it to be quite challenging but I feel as though I actually took it in my stride. I'd say the most challenging thing for me was understanding the basics of high voltage, as I work in domestic households and therefore don't come across that side of things.

HOW ABOUT WORKING ON SITE?

The first time you work on site you're always a bit nervous. Gradually over time though, you start to get used to it, you speed up and it becomes natural to you.

HOW HELPFUL HAVE SECTT AND YOUR TRAINING OFFICERS BEEN?

I've been really impressed with my experience during my apprenticeship. George McCann and Niall Russell were my two training officers and they were great in their own ways. I owe them a lot of praise. They're there to do a job and they do it well.

WHAT DOES THE FUTURE HOLD?

I love working within the council and I plan to stay there for the moment. However, in the future I'd like to branch out and become my own business and take on the trade. Like I said before, the world's your oyster if you're an electrician!



ProZone

Hager launches enhanced commercial building power and lighting distribution board options

HAGER has launched its next generation power and lighting electrical distribution boards, designed to offer greater configuration flexibility and increased energy consumption data transparency within commercial buildings.

Available in 125A and 200A ratings, the new boards are based around a new energy meter, enabling building owners, managers, landlords, and tenants to better understand where energy is being consumed, and potentially wasted.

The boards provide access to improved and simplified energy monitoring and the integration of the associated data into a commercial building's environmental monitoring or building management system.

Uniquely, they also provide load type labelling on the meter to easily identify small power (SP) and lighting (LL) circuit electrical parameters. This helps electrical contractors and system integrators to select the correct registers and associated values when integrating the energy data into the EMS/BMS systems.

Alongside energy data transparency, board aesthetics are also optimised with the attractive Hager glazed door design, ensuring the board can

be on view within commercial premises.

Available as a standard 125A two-section power and lighting board, or an innovative three-section 200A rated board, the set-up options enable the board to be used in different operating mode configurations while retaining the correct labelling of load type on the meter.

The 200A board can be organised in a pure power and lighting or lighting and power orientation, and can also be configured to monitor 4TP ways for mechanical services where required, creating a flexible solution that can be adapted if mechanical service circuits need to be added in the future.

In this arrangement, all three net energy group values are available to view or communicate to a monitoring system. Total board energy parameters are also available.

The new Hager boards also offer:

- A fully verified DBO
- The ability to directly label energy values
- Factory fitted switch disconnect incomers
- The opportunity to add standard surge protection kits as an accessory, with solid copper earth links.

➔ To request a call back for more information, please visit bit.ly/Hager_callback



➔ The new distribution boards offer enhanced configuration flexibility and greater data transparency

ESP INTRODUCES ITS LARGEST CCTV MONITOR TO DATE

Capitalising on the growing demand for larger monitors to display images from multiple CCTV cameras, ESP has added a new 32-inch LED monitor to its range.

With more and more homeowners and businesses relying on multiple cameras to



cover and protect all areas of their properties and premises, the new, larger format monitor will allow them to capture and view all images on one screen, helping them to easily keep

track of any movement and activity.

The new monitor offers the perfect combination of 4K resolution and a widescreen 32-inch panel size. The 4K resolution is supported through two HDMI ports. The monitor features in-built speakers and is supplied with a desktop stand. An additional wall mount bracket is available separately.

The new 32" 4K LED monitor joins ESP's existing range

which currently comprises 18", 21" and 23" options. It is suitable for use with ESP's extensive analogue and IP CCTV systems, and it will also offer support for other HDMI enabled devices.

ESP also offers a range of wire-free HDMI senders and receivers to offer flexible installation solutions.

➔ For further information visit www.espuk.com

CONTACT OUR TEAM TO SHOWCASE YOUR GREAT NEW PRODUCTS HERE

David Hughes: 07767 407 402
davidh@connectcommunications.co.uk

BECOME AN ASSOCIATE MEMBER

To inquire about becoming an Associate Member, email
memberservices@select.org.uk

OUR ASSOCIATE MEMBERS



NEW LED STREET LIGHTING RANGE FROM OVIA

Ovia continues to expand its floodlight range and the latest addition is the Gator range of LED street lighting with CTA switch.

With an IK10 housing and IP66 rated, Gator is ideal for lighting larger outdoor areas, such as car parks and walkways, and is designed to be quick and simple to install via toolless entry, with the toolless gear tray allowing for easy maintenance.

There are three size/wattage options to choose from – large (135W), medium (65-100W) and small (20-40W) – and they offer 50,000 hour lifetime and 85° x 150° beam angle. They are available in a grey finish and come with a five-year warranty.

The reversible mount option is an additional feature. The mount bracket can be rotated and pivoted to allow for vertical or horizontal fitment



with no additional joints required. The spigot size is 76mm and a wall bracket is available. The shorting cap can be replaced with a photocell sensor to assist with energy saving.

The full Gator range can be seen in the Ovia Issue 3 catalogue which can be downloaded from the Ovia website – www.oviauk.com – and the Scolmore Group app. Watch the video here – youtu.be/kTC8cez7MHA

Cut bills with Flexel's FIR heaters

FLEXEL can't control rising costs, so are things looking bleak for its Far Infrared (FIR) heaters in this current UK energy crisis? Of course not, because energy saving is what it does!

Flexel's EcoSun panels can be incorporated with any PV panel and smart battery storage solution. With free solar energy, storage and payback tariffs available, your clients can greatly reduce their heating bills with our low energy heaters which are wall or ceiling mounted.

Far Infrared Panel energy consumption is around 40% to 50% lower than with

The Flexel Far Infrared heaters are a more energy efficient way of warming rooms

traditional convection heaters due to the way they heat within an open space. Heating people and objects like walls and floors quickly – then they heat the air around as a secondary free heat meaning the heat in a room lasts longer.

They are also zone controllable, so they only heat the areas required in occupied rooms. Plus, they provide almost instantaneous heating, so no energy is wasted to warm up the air first – warm air is secondary after people heat up first.

Flexel's larger EcoSun S+ units have been installed in a variety of non-domestic premises covering industrial, retail, commercial, warehousing, agriculture, NHS, fire and ambulance depots, where these can replace inefficient electric and gas heating.

So even the current unprecedented crisis provides a very wide scope for the installation of FIR heating systems for SELECT contractors.

Please email ch@flexel.co.uk or call 01592 760 928 to discuss your next heating project with a Scottish manufacturer for more than 40 years. You can also find out more at www.flexel.co.uk/infrared-heating



SMART LED TAPE CONTROLLER ADDED TO CLICK SMART+ RANGE

Scolmore continues to develop its ClickSmart+ home automation range and has introduced a new Smart RGBW LED Tape Controller – a wireless control solution that allows you to control LED tape lighting whenever and wherever you are via the ClickSmart+ app.

The Smart LED Tape Controller can be used with the ClickSmart+ app to create a wide range of lighting effects to suit the mood or occasion required. There are three different modes available – White, Colour and Music. White mode allows control of the brightness of the LED tape, while with the Colour (RGB) mode you can choose any colour to create a range of lighting effects.

With the ClickSmart+ app open and set to Music, the LED tape will change colour with the music. The new controller also offers dimming and saturation adjustment features to help create the right light setting at all times of the day.

The Smart LED Tape Controller is compatible with all current Ovia LED Tape variants and requires the ClickSmart+ Hub (sold separately). To use, simply connect the Smart Controller to the LED Tape and start controlling the lighting in every room by app or voice control. By connecting ClickSmart+ to your existing Google Home devices or linking your Alexa smart speaker, you can control the LED tape lighting by voice control.

➔ Ovia has produced a brochure which can be downloaded from the ClickSmart+ website – www.click-smart.com

⬇ The ClickSmart+ app can create a wide range of effects for LED tape lighting



Katona from Thorn Lighting is an all-round problem solver for almost every lighting task

THORN Lighting's Katona combines market-leading efficiency, ease of installation and powerful IP66 protection against water, dust and damage to provide an all-round problem solver for almost every lighting task.

This cutting-edge surface-mounted wall and ceiling luminaire is ideal for interior

and exterior applications and has an IK10 rating, resisting impacts of up to 20 joules. Katona's clean, minimal design – with a depth of only 58mm – also reduces the accumulation of dirt and dust, ensuring easy cleaning and maintenance.

The range offers three different lumen outputs – 1,000lm, 1,400lm and 2,000lm – colour temperatures in warm white (3,000K) and cool white (4,000K) and is

SIX WORK TROUSER FAMILIES TO SATISFY EVERY NEED ON SITE – SUSTAINABLY

Snickers Workwear's trouser families are suited to any kind of work on site, delivering maximum functionality, comfort, protection and mobility.

Hi-tech fabrics and fit are the hallmarks of these products. The AllroundWork trousers are ready for any kind of work

in any trade. FlexiWork trousers deliver superior freedom of movement. While LiteWork trousers keep you cool, dry and ventilated.

Then there's RuffWork trousers, reinforced and tough for the roughest work on site. ProtecWork protective wear for



BG REVEALS ITS NEXT GENERATION OF SYNCEV ELECTRIC VEHICLE CHARGERS



↑ The SyncEV stations are easy to install at home and offer charging of up to 7.4kW

Packed with smart technology, BG SyncEV charging stations are the perfect solution for electric vehicle charging at home and the workplace.

Complying with all electric vehicle smart charge point regulations, they offer quick and easy installation, with UK-based technical support.

With full smart functionality via the SyncEV BG app, the stations offer configurable charging up to 7.4 kW (32A), with optional dynamic charging.

Thanks to the integrated open PEN conductor protection, no earth rod is required, and the integrated type A 30mA RCD with 6mA DC protection means they're safe too.

Five standard models are available – three socket and two tethered – plus there is a compact model which is the smallest EV charger on the market.

➔ To find out more, visit www.syncev.co.uk



available in both round and square designs. Its market-

leading luminous efficacy of up to 120 lm/W makes it easy to save energy compared to traditional light sources and other LEDs.

Sophisticated DALI control, with in-built daylight and presence sensors, a corridor function and a wireless connectivity option, makes it possible to save even more energy by ensuring that the lighting is only on when necessary. Katona's slim design

runs through the portfolio, even in emergency variants. This is possible because Thorn uses the latest high-tech lithium iron phosphate battery with a three-year battery guarantee.

Katona has an impressive 50,000-hour lifetime (to L80) and comes backed with Thorn's five-year product guarantee. Additional options, including side entry, wired sensor, wired corridor function, E3D emergency and Bluetooth sensor, are available through Thorn's myProduct.

➔ Find out more at bit.ly/Thorn_Katona



↑ The Katona lighting is easy to maintain and suitable for either indoor or outdoor areas

hazardous environments and certified High-Vis trousers when personal visibility on site is a priority.

➔ For more information you can call the helpline on 01484 854788, check out www.snickersworkwear.co.uk or email sales@hultaforsgroup.co.uk



OUR ASSOCIATE MEMBERS



UNICRIMP INTRODUCES NYLON METER TAIL GLANDS

Unicrimp, part of the Scolmore Group of companies, continues to expand its cable accessories portfolio and has just launched a new range of Nylon Meter Tail Glands.

The new 32mm and 40mm White Nylon Meter Tail Glands with Plug have been added to Unicrimp's Q-Crimp Nylon Glands offering. They are designed to house incoming cables on a metal consumer unit and provide the ideal solution to house incoming cables requiring entry through a 32mm or 40mm knockout due to their specialist grommet



allowing fitment for 25mm² or 16mm² meter tails.

A blanking insert plug is also supplied as standard for optional use should no earth wire be present.

For further information contact Unicrimp on 01827 300600, sales@unicrimp.com or visit www.unicrimp.com

LINIAN goes eco-friendly on packaging



The environmentally friendly packaging can be easily recycled, comes in a range of distinctive box colours and is made from locally sourced materials

LINIAN is proud to announce its new environmentally friendly

packaging material, which is made from recycled corrugated cardboard locally sourced in the UK.

Designed to be easily recycled again after use, the new packaging looks great, takes up less space and is compatible with existing point of sale displays

LINIAN has upgraded the packaging on all its clip ranges, with FireClips, SuperClips, T&E Clips, Coaxial Clips and NanoClips now coming in cardboard boxes instead of bags. There

are no changes to product codes or pack quantities, but each product range has a distinctive new box colour:

- FireClip – navy
- SuperClip – grey
- T&E Clip – light blue
- Coaxial Clip – black
- NanoClip – red

Every specific product item also has an informative label to help you choose the correct clip to suit your cable or conduit, along with the equivalent cleat size.

In addition, the new design is easy to use and requires less postage materials.

For wholesale orders, email orders@linianclip.co.uk or give the LINIAN sales team a call on 0141 465 4858.

PUT TIS'S AWARD WINNING EVSE KIT TO THE TEST

The TIS portfolio now includes multi-string solar PV testers, irradiance meters and power quality analysers, along with voltage and current logging equipment. All-important safe isolation kits, multimeters,



CPNI CUDIS

Meet the latest wiring regulations with Cudis

We offer a wide range of products to support compliance to Amendment 2 of the 18th Edition regulations



Single Module 2 Pole Type 2 SPD

Single Module AFDD-RCBO

Type A RCD Sockets & Spurs

Type A RCDs & RCBOs

sales@cudis.co.uk

0161 989 5636

www.cudis.co.uk



Sounds great! Aico launches AudioLINK+

AUDIOLINK+, the second iteration of Aico's award-winning AudioLINK technology, is now faster, quieter and more reliable than ever, making it easy to access real-time data from alarms via the free AudioLINK+ app.

AudioLINK+ extracts the same data as AudioLINK, but quicker and quieter than before to reduce disturbance. With average report times taking between four to seven seconds, AudioLINK+ makes getting real-time data from smoke and carbon monoxide (CO) alarms more efficient – saving time, money and lives.

The AudioLINK+ app is backwards compatible, meaning AudioLINK alarms currently installed do not need to be replaced to utilise

the new technology and work with the new app version. However, users need to update to the latest version of the app to download reports from AudioLINK+ alarms installed within their properties.

The app generates a colour-coded report giving information on a range of alarm data including alarm activations, sensor status, alarm testing information, battery and back up cell status, recorded CO levels and dust contamination levels within the 3000 series alarms.

This information can be emailed directly from phones or tablets to one or multiple addresses, as a PDF report or exported as a .csv file for simple integration with housing management and maintenance systems. Additional information

↑ The AudioLINK+ app is designed to be quicker and quieter with reduced disturbance

can be added to the report to help link it to a specific alarm.

There is no pricing change of alarms sold by Aico, just an improvement in the technology offered within all CO alarms like the Ei208 and the 3000 series alarm range.

➔ Find out more at bit.ly/AICO_audiolink



BG STORM BRINGS A NEW EVOLUTION IN WEATHERPROOF SOCKETS

BG's Weatherproof Storm range has now been improved to offer contractors an easier-to-install product, as well as enhanced useability and peace of mind for end users.

The fast fix 150° screw turn covers and the quick release

front plate makes installation easier. The patented cable entry prevents accidental opening of the cover and redesigned paddles offer a smoother operation and easier use.

➔ Find out more by visiting www.bg-storm.uk



clampmeters, lightmeters, test leads, certificate pads, PATs, MFTs, calibration checkboxes, thermometers, thermal imaging cameras, inspection cameras and data testing products are also available.

New items of note are a CO2 meter which allows the monitoring of fresh air quality in enclosed spaces,

plus a leakage clampmeter that measures DC and AC leakage current – important for use in solar PV, EV and battery storage applications.

TIS also employs seven full-time technical sales professionals, all of whom are on hand for site visits.

➔ To find out more, visit www.testinstrumentsolutions.co.uk

OUR ASSOCIATE MEMBERS



SHARE YOUR VIEWS TO SHAPE NEW PRODUCTS

New Associate Member Hager is offering SELECT Members a unique chance to join its Insight Team and help shape future product developments.

This exclusive opportunity enables electrical contractors and electricians to share their voice and provide valuable insight that could impact future developments. The benefits include:

A first look at new products – see product concepts during design phases and provide feedback via an online survey, call with Hager product managers, installation trial or focus group. All forms of feedback are highly valued.

Product trials – test products before they reach the market to ensure they can be fully refined prior to launch, ensuring they are of the quality expected from Hager.



↑ Hager is calling on SELECT Members to help design the products of tomorrow

Membership is free, with the option to opt out at any time.

A Hager spokesman said: “Hager values what contractors think and what they have to say and joining

the Insight Team is a great way to get more involved in the industry and make a difference.

“This is an exciting chance for SELECT Members to provide a manufacturer with feedback based on years of experience and contribute ideas to help shape product developments and services.”

👉 To register your interest and find out more, go to go.hager.com/hagerinsightteam

“THIS IS AN EXCITING CHANCE FOR SELECT MEMBERS TO PROVIDE A MANUFACTURER WITH FEEDBACK BASED ON YEARS OF EXPERIENCE”

simPRO

The only tool missing from your belt

Total business software for the trades

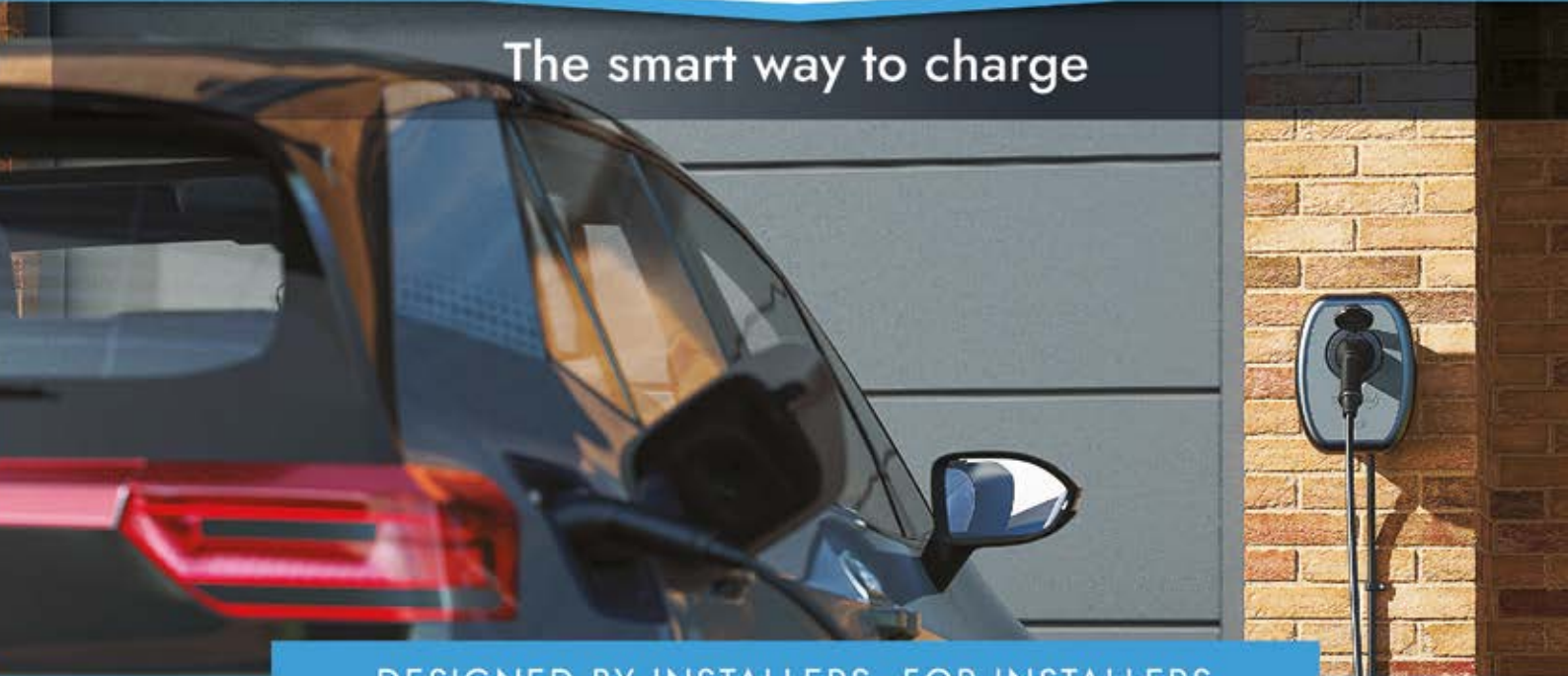
Work smarter, not harder. Join more than 200,000 trade businesses worldwide who trust simPRO to help them grow their business through streamlined workflow management software.

Call today for your custom demo.



simprogroup.com/select

The smart way to charge



DESIGNED BY INSTALLERS, FOR INSTALLERS

Packed with Smart technology, BG SyncEV charging stations are the perfect solution for electric vehicle charging at home or at the workplace



- Complies with all electric vehicle smart charge point regulations
- Full Smart functionality via SyncEV BG app
- Configurable charging - up to 7.4 kW (32A)
- Optional dynamic charging
- No earth rod required - integrated open PEN conductor protection
- Safe - integrated type A 30mA RCD with 6mA DC protection



-  Quick and easy installation, with UK based technical support
-  3 year warranty & DEKRA certified
-  Compatible with all electric and hybrid plug-in vehicles

View the range at sync-ev.co.uk



FIVE MINUTES WITH...

ROBERT
McGOOGAN

TECHNICAL ADVISER

HELLO ROBERT. HOW LONG HAVE YOU BEEN AT SELECT?

I started in the middle of May, so by the time Members are reading this, I'll have been working for SELECT for approximately three months.

TELL US A BIT ABOUT YOUR WORK LIFE SO FAR AND HOW YOU ENDED UP AT THE WALLED GARDEN.

Before I joined SELECT, I was an assessor for the Scottish Electrical Charitable Training Trust (SECTT) for four-and-a-half years, based in Cambuslang where I oversaw FICA and ACA candidates undertaking their assessments. Prior to that, I was an approved electrician with North Ayrshire Council for 13 years, carrying out various installation and maintenance works in commercial and domestic properties.

WHAT DOES YOUR JOB ENTAIL? TELL US MORE ABOUT WHAT YOU DO.

So far I've been shadowing a few of the Technical Advisers while they've been carrying out Member inspections, delivering training and manning the Technical Helpline. My priority over the coming months will be learning the process and procedures of being a Technical Adviser and, once my induction period is completed, I aim to build good relationships with Members when carrying out inspections in my respective areas and be on hand to deliver the appropriate technical advice and information they require.

WHAT'S A TYPICAL DAY BEEN LIKE FOR YOU SO FAR?

Every day is a new day here

at SELECT! I've been at Toolbox Talks, carrying out inspections for Members and prospective new Members, attending training courses and conferences and carrying out Technical Helpline cover.

HAVE YOU HAD A CHANCE TO MEET SELECT MEMBERS?

Yes. I've attended two Toolbox Talks and a Member Drop-In session and carried out several Member inspections. Everyone I've met so far appears to have a good relationship with their Technical Adviser and Member Representative and that's all down to the service and advice SELECT have provided to our Members over the years.

WHAT HAVE YOU MOST ENJOYED ABOUT YOUR JOB SO FAR?

I've enjoyed every aspect of the job so far, particularly carrying out Member inspections.

Quickfire questions:

Cheese or chocolate? Cheese

Dog or cat person? Cat

First car owned? 1997 Peugeot Partner Van

Favourite film? *Ghostbusters*

Favourite TV show? *Friends*

Favourite holiday spot? Cancun

Dream date? My wife

One thing people might not know about you? I like to sing on the karaoke but I'm not very good, so beware!



Your Branch Officers:

ABERDEEN & NORTH
EAST OF SCOTLAND

STEWART ANDERSON, Chair
ERIC RAE, Vice-Chair
ALICK J SMITH,
3rd Representative

AYRSHIRE

JAMES COOPER, Chair
CHARLES DOBBIE,
Vice-Chair

DUMFRIES &
GALLOWAY

GORDON PATERSON, Chair
JOHN WILSON,
Vice-Chair

EDINBURGH & SOUTH
EAST OF SCOTLAND

GRAEME ANDERSON, Chair
PAUL ERASMUSON,
Vice-Chair
ALASDAIR NOBLE,
3rd Representative
CRAIG NEISH,
4th Representative

GLASGOW & WEST
OF SCOTLAND

DAVID HARRIS, Chair
KENNY BERRIE,
Vice-Chair
DAVID W H SMITH,
3rd Representative
IAN YOUNG,
4th Representative

INVERNESS & NORTH
OF SCOTLAND

DONNIE CALDER, Chair
ALISTAIR GRANT,
Vice-Chair

LANARKSHIRE

CRAIG MCGOWAN, Chair
PAUL SMITH, Vice-Chair
CHRISTOPHER LIDDELL,
3rd Representative

TAYSIDE

TONY HARVEY, Chair
KEITH SMITH, Vice-Chair
GRAHAM LYALL,
3rd Representative

Upcoming
SELECT
events:

MEETING

7 September – SELECT
Central Board, venue TBC

EVENT

21 September – Professionals' Day, House for an Art Lover, Glasgow

DINNER EVENT

30 September – President's Lunch, Grand Central Hotel, Glasgow

BRANCH UPDATE

4 October – Inverness and

North Scotland Branch Update, Craigmorie Hotel, Inverness

BRANCH UPDATE

6 October – Glasgow and West of Scotland Branch Update, Kings Park Hotel, Glasgow

BRANCH UPDATE

11 October – Dumfries and Galloway Branch Update, Dumfries & Galloway College, Dumfries

BRANCH UPDATE

13 October – Edinburgh and South East Scotland Branch Update, Buccleuch Arms, St Boswells

**"EVERY DAY IS A NEW DAY
HERE AT SELECT!"**

Competition

Edinburgh Festival wordsearch

D	W	O	P	E	R	A	S	L	A	C	I	S	U	M	K	B	R
O	S	T	K	D	P	E	L	O	M	N	S	B	N	B	B	O	U
O	T	S	H	O	W	S	L	U	U	S	X	E	D	E	M	X	C
F	N	S	T	E	U	S	A	F	S	Q	Z	K	E	R	N	O	W
T	E	R	S	G	P	N	H	R	I	V	W	C	R	T	I	F	P
E	V	E	U	X	C	L	R	V	C	O	K	U	B	A	R	F	D
E	E	M	G	F	I	R	E	W	O	R	K	S	E	E	K	I	G
R	W	R	U	Y	T	X	M	A	U	S	W	A	L	H	E	C	V
T	T	O	A	T	Y	V	M	L	S	E	K	A	L	T	N	E	S
S	E	F	E	E	V	M	U	B	E	A	R	E	Y	T	I	B	P
L	R	R	C	I	T	G	S	L	J	T	N	U	B	U	H	K	O
A	A	E	N	R	K	G	S	W	S	U	G	C	T	Q	S	U	K
V	B	P	A	A	A	W	L	D	Y	L	W	N	E	L	N	H	E
I	A	Q	D	V	H	P	T	I	C	K	E	T	S	P	U	S	N
T	C	S	M	O	O	R	Y	L	B	M	E	S	S	A	S	C	W
S	U	G	I	L	D	E	D	B	A	L	L	O	O	N	F	R	O
E	X	P	G	E	M	M	A	R	G	O	R	P	S	T	K	F	R
F	S	H	Q	D	C	O	W	G	A	T	E	G	G	N	O	S	D

- Arts
- Assembly rooms
- August
- Box office
- Cabaret
- City
- Comedy
- Cowgate
- Culture
- Dance
- Edinburgh
- Events
- Fireworks
- Festivals
- Fringe
- Gilded Balloon
- Music
- Musicals
- Opera
- Performers
- Programme
- Shows
- Song
- Spoken word
- Street food
- Summerhall
- Sunshine
- Theatre
- The Pleasance
- Tickets
- Underbelly
- Variety
- Venues

Keep up to date with SELECT

Follow SELECT online at:

Twitter

- @Updates_SELECT
- @Training_SELECT
- @Regulate_SELECT

Facebook

SELECT.TheECAofS

Instagram

@SELECT_Trade_Association



Visit our websites at:

- select.org.uk
- cabletalkmagazine.com
- selectawards.co.uk

June/July 2022 Answers

U	C	L	S	X	G	N	T	T	U	B	F	T	W	Q	H		
C	O	E	P	V	S	E	C	T	T	S	T	U	W	F	W	Z	
L	C	U	P	C	A	K	E	S	Y	D	R	W	C	K	J	C	K
O	Z	R	L	G	G	O	J	L	K	O	E	K	G	J	Z	X	
W	N	N	O	T	D	O	S	R	T	O	E	S	M	P	S		
N	C	T	T	U	M	A	W	T	G	B	N	O	T	L	V	O	W
S	D	N	X	W	F	R	C	P	A	N	T	T	L	S			
R	E	N	I	A	T	H	E	T	N	E	G	G	T	P	J	O	
C	B	V	J	X	O	A	Y	N	G	L	E	X	F	O	U	T	K
O	S	R	F	H	D	S	E	W	A	G	T	N	U	M	M	J	O
C	O	H	N	S	O	U	A	K	O	J	K	S	C	B	V		
O	L	V	W	O	G	G	P	O	I	D	M	S	O	A	B	Y	
N	F	S	O	T	G	N	I	R	Z	R	E	O	L	N	R	O	
U	V	J	C	E	L	C	X	O	I	O	Z	N	L	A	T	A	Y
T	D	L	K	F	V	O	F	O	F	T	O	D					
N	O	S	S	Y	E	O	F	O	F	O	N	S	S	Z			
H	A	A	B	B	K	N	O	P	M	N	E	V	X	Y	S	L	D
Y	C	Y	X	D	N	P	V	L	S	L	A	T	S	O	E	Y	

Here's your chance to win £50 of Amazon vouchers with our prize wordsearch about the Edinburgh Festival compiled by SELECT Training Administrator Laurie Burns.

Find the words, take a pic of your finished grid and email it to memberservices@select.org.uk by 19 September. The winner will be drawn at random. T&Cs are online. Congratulations to June/July 2022 winner **Linda Sykes** from **D Sykes Electrical**. Contractors Limited.

Membership Enquiries:

Please phone our membership team on 0131 445 5577 to apply to become a Member of SELECT or if you would like more information about joining. Alternatively you can email us on memberservices@select.org.uk or submit an online enquiry.

BRANCH UPDATE

18 October – Ayrshire Branch Update, The Gailes Hotel, Irvine

BRANCH UPDATE

20 October – Aberdeen and North East Scotland Branch Update, Palm Court Hotel, Aberdeen

BRANCH UPDATE

25 October – Lanarkshire Branch Update, DoubleTree by Hilton Strathclyde, Bellshill

BRANCH UPDATE

27 October – Tayside Branch Update, Dundee and Angus College



Showing now on SELECT TV:

EICR CODING

Three-part tutorial on Electrical Inspection Condition Reports (EICRs), and use of classification codes in accordance with BS 7671:2018. Watch Part 1 at bit.ly/STV-EICR1 Watch Part 2 at bit.ly/STV-EICR2 Watch Part 3 at bit.ly/STV-EICR3

CABLE SIZING

This easy-to-follow session demonstrates a method of calculation in line with the requirements of BS 7671. Watch at bit.ly/STV-cable

HOME OFFICES AND HOT TUBS

This special online Toolbox Talk was held on 7 July 2021, and saw Bob Cairney discuss the rise of hot tubs and home offices during lockdown. Watch now at bit.ly/TTalk-3

BIDDING STRATEGIES

In this useful film, we offer exclusive guidance on bidding strategies. Watch now at bit.ly/STV-matbid

CONFLICT AVOIDANCE PLEDGE

Len Bunton on the benefits of signing the Pledge as part of the Conflict Avoidance Process

(CAP), and how it saves money. Watch now at bit.ly/STV-CAP

TOPTIPS FOR GETTING PAID

Len has some invaluable advice for Members, offering practical pointers including payment schedules, detailed applications and agreeing matters beforehand. Watch now at bit.ly/STV-paid

PROBLEM CLAUSES

Len discusses the pitfalls of hidden clauses, including contract amends, retention issues and payment provisions. He also explains extensions of time. Watch now at bit.ly/STV-clauses



Update for
Amendment
2



Visit [Certsuite.app](https://certsuite.app) for more information and to register for your **FREE 30 day trial**

← Or use the QR code

About Megger CertSuite™

- Fully supports Amendments 1 and 2
- Use on as many devices as you want
PC, Mac, Android, iOS
- Cloud-based
syncs across your devices and between users
- Works really well offline (no Internet connection)
then automatically syncs up when you come back online
- Wide range of certificates
including MEW, EIC, EICR, EV, Fire alarm, Emergency lighting,
PV, etc.

Cloud based certification for PC, Mac, Android, iOS, smartphones and tablets.

- Dedicated EV certificates
or you can include an EV Charging Point in an EIC or EICR.
- Add photos to illustrate your observations
whether they're problems, limitations or something done really well
- Quick and easy if you're working single-handed
- Great features for larger companies
Multi-user, work flow, groups, imports

