Autumn 2020

ISSUE No.88

Insite

Insite is the official magazine of the Petroleum Equipment Installers and Maintenance Federation

In this issue :

Health & safety | Vehicle cleaning | Electrical services | Aviation products

PLUS:
The Green Pages
New Fuels Guide

A brave new world?

As INSITE is published quarterly, the three-month pause between each issue this year has obviously seen massive changes in the country, and the world as a whole; and our industry has reflected this. Whilst many of our readers (particularly PEIMF members) may have been busy carrying on with important, critical work, other colleagues have been furloughed, house-bound, or even worse.

Evolving fuels

Fuel sales may not be expected to ever reach previous levels and certainly the evolution of new fuels is developing apace, in line with developing technology in all other walks of life. In "The Green Pages" in this edition, we really do offer some varying view points on what is (or could be) happening.

Member benefits

We outline many of the benefits of PEIMF membership on pages 6-8, not least our popular 'Member update' monthly newsletter, and new Linkedin technical group. Our numbers have grown steadily over the past few years and if you've not joined us already, I can send you a form or you can go to www.peimf.uk and apply.

Online AGM

Sadly, we won't be meeting up with friends and colleagues around the industry, as all the various trade events fall by the wayside this year. Our committee has been benefitting from the now 'universal' video technology, meeting once a month, and I'm pleased to announce our AGM will be online this time, on 28th January 2021. Full details will follow in due course.

Your next INSITE will be our Winter edition, which will publish in early Jan, so I guess I could be the first to say "Have a nice Chri....." But maybe a bit early yet.
Stay safe.

David Honeyman
Editor

New PEIMF members

Fast Fuel Services

KC ProSupply
KC ProSupply UK

Committee

Chair:	Michelle Machesney
Deputy:	Ian Burns
General Secretary and Insite Editor:	David Honeyman
Technical Officer:	Phil Monger
Committee:	Terry Moody, Kirk Main, Siobhan Keogh, Andrew Olive, Robin Futcher, Kevin Powell, Maja Stirrat, Stuart Jardine, Duncan Amos
President:	Joe O'Reilly
Honorary Members:	Jeff Young, Steve Devine, Malcolm Hogg

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Front cover illustration
Brian Sage

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Insite is the official magazine of the Petroleum Equipment Installers and Maintenance Federation. Supplied articles from outside the Federation may not be the policy of PEIMF. The PEIMF accepts no responsibility for these articles howsoever implied or stated in relation to any third party company or individual.

Advertisers and the suppliers of contributed articles are asked to ensure that material submitted is fair and accurate at all times. The Editor reserves the right to amend or withdraw such material which may not comply with this request after consultation.

Bespoke pump cradles

STA Technical supply prestige car manufacturer

Leading supplier to the petrol forecourt industry, STA Technical, has supplied bespoke pump cradles to one of the UK's leading prestige car manufacturers.

Working through installation company, Fuel Storage Systems, STA provided three cradles for the car company's existing Pumptronics C series pumps.

Quality Workmanship

Andy West of Fuel Storage Systems explains his decision to commission the East-Anglian based company:

"The quick lead times STA were able to offer was a key factor for us, combined with the quality of their workmanship. They also easily accommodated our requirement for cradle legs of one metre rather than the standard 400mm."

CAD design/laser cut

Warren Peters, director of STA says:

"The cradles were installed in August and we were delighted to work with Andy on this project. All our components are CAD designed and then laser cut for pinpoint accuracy, resulting in clients consistently telling us of time saved in the installation process and perennial install frustrations mitigated.

With our growing reputation for producing quality components that engineer out issues, or engineer in contingency, this project is a great example of how we work with clients to meet their precise needs."

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PEIMF ANNUAL GENERAL MEETING - ONLINE!

Thursday, January 28th 2021 - *Full details to follow.*

The PEIMF – working for our members

We're trying to provide as much value for money to our members as possible. A scheduled increase in annual fee has been shelved for 12 months and we have created new member benefits

PEIMF Linkedin Group

All employees of PEIMF member companies can join our new Linkedin Group for technical information. If you're not already signed up, just link with our Editor, David Honeyman, and we'll include you. Regular updates, technical info plus instant access to your fellow members, for help and advice.

PEIMF member update

FREE monthly newsletter

Quite simply, this monthly update drops into the inboxes of all our members.
Not seeing a copy? Just let us know, or take a look at the website, on the special members' area.

PEIMF member benefit

FREE assured advice

The PEIMF have an established a co-ordinated partnership with Hampshire Trading Standards. This enables us to provide our members with a **FREE** service.

Any technical queries you have can be directed, via our own Technical Officer, to Hampshire for definitive, assured advice – which **must** be adhered to by any authorities you may be having a problem or dispute with. You must opt-in to benefit from this excellent initiative.

Fantastic FREE member benefit – sign up now!

INSITE Winter editorial opportunities

In your Winter copy of INSITE we will be covering the following key subjects:

- Commercial fuel management and dispensers
- Construction & signage
- Site decommissioning
- Bespoke services

For PEIMF members to take advantage of this opportunity for some prime editorial coverage, please send your contributions to me by November 14th.

david@peimf.com

Technical expertise

You can read our Technical Officer's report on page 8, which demonstrates our involvement in the preparation of key areas of legislation and guidance.

PEIMF ANNUAL GENERAL MEETING ONLINE!

Thursday, January 28th 2021

Full details to follow.

PEIMF website

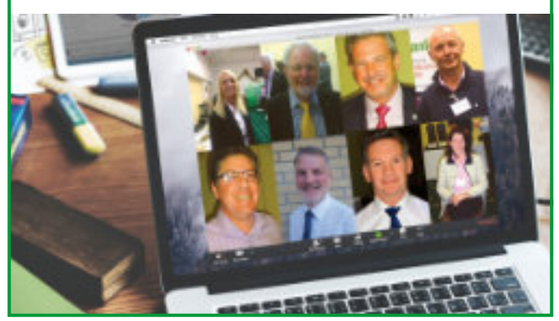
www.peimf.uk

Our PEIMF website is growing more and more, with new content continually added.

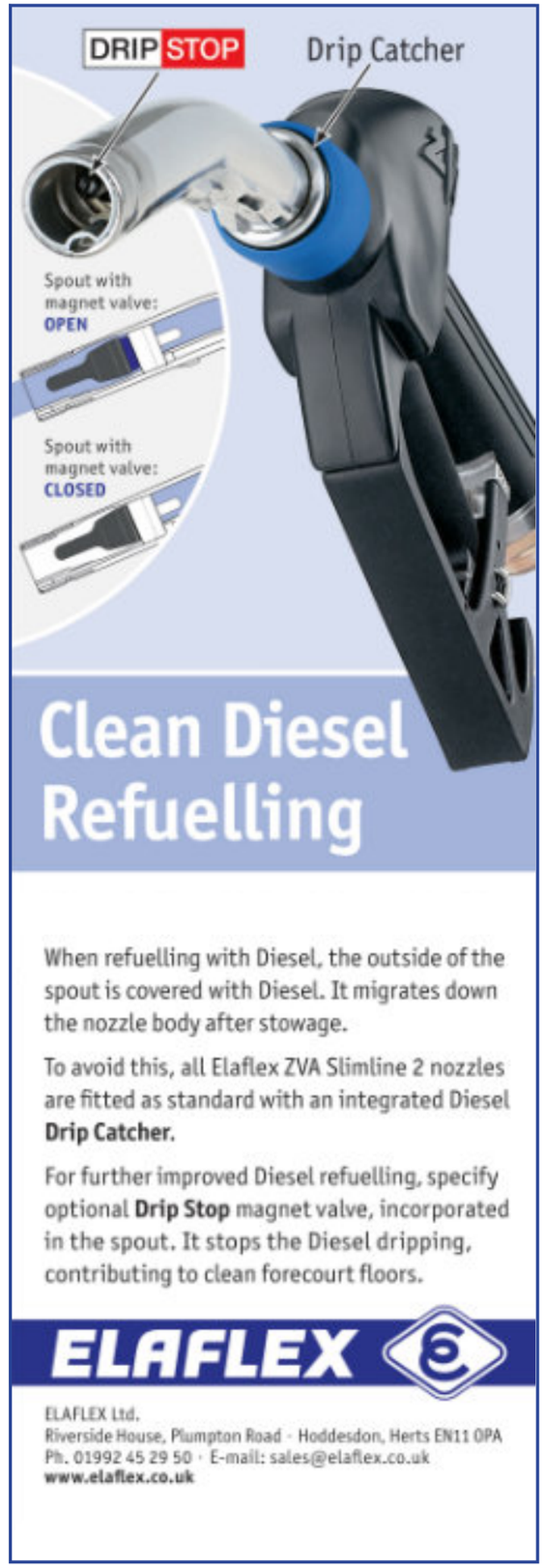
You have your very own special members' area, with confidential data, news and information for members only, including links to guidance and legislation.

Contact David Honeyman for log in details. 01474 321999

Your PEIMF Committee now meet monthly (remotely of course) to manage our work.



The thing with your PEIMF membership (as with everything in life) the more you put in, the more you get out of it; so get involved!



PEIMF technical involvement

At the heart of key decision making in the industry

Our Technical Officer, Phil Monger, rounds up the latest developments in producing guidance.

Although we may have been in lockdown for four months, and ways of communicating may have changed significantly, work has continued in most areas; with thanks to video conferencing.

All Energy Institute meetings have been remotely conducted and British Standards Institute (BSI) has extended its ban on face to face meetings until the end of 2020.

Department for Transport (DfT)

E10 consultation

The DfT has reviewed all the responses to the consultation on the introduction of E10 petrol. They are now putting together the draft legislation and making preparation for the communications campaign.

A number of small group meetings have taken place in refining introduction, and the communications group are likely to be brought together for a completion of their work.

There is also the need to ensure that the re-labelling of dispensers is timed correctly, and that sites are ready to carry it out.

Energy Institute: Service Station Panel (EI SSP)

AdBlue guidance

We've seen the completion of several draft guidance documents carried out by the Service Station Panel, including the Guidance on *'The correct and safe handling of NOx reduction agent (AUS 32/AdBlue).'* This was published in June and is available to download from the EI free of charge to registered users.

'Code of safe practice for contractors and retailers managing contractors working on filling stations'

This is available to purchase from the EI, and PEIMF members are encouraged to obtain copies at the PEIMF discounted rate and make good use of it.

PEIMF members provided valuable input to both of these documents.

The Petroleum Enforcement Liaison Group (PELG)

PCR 2014 review

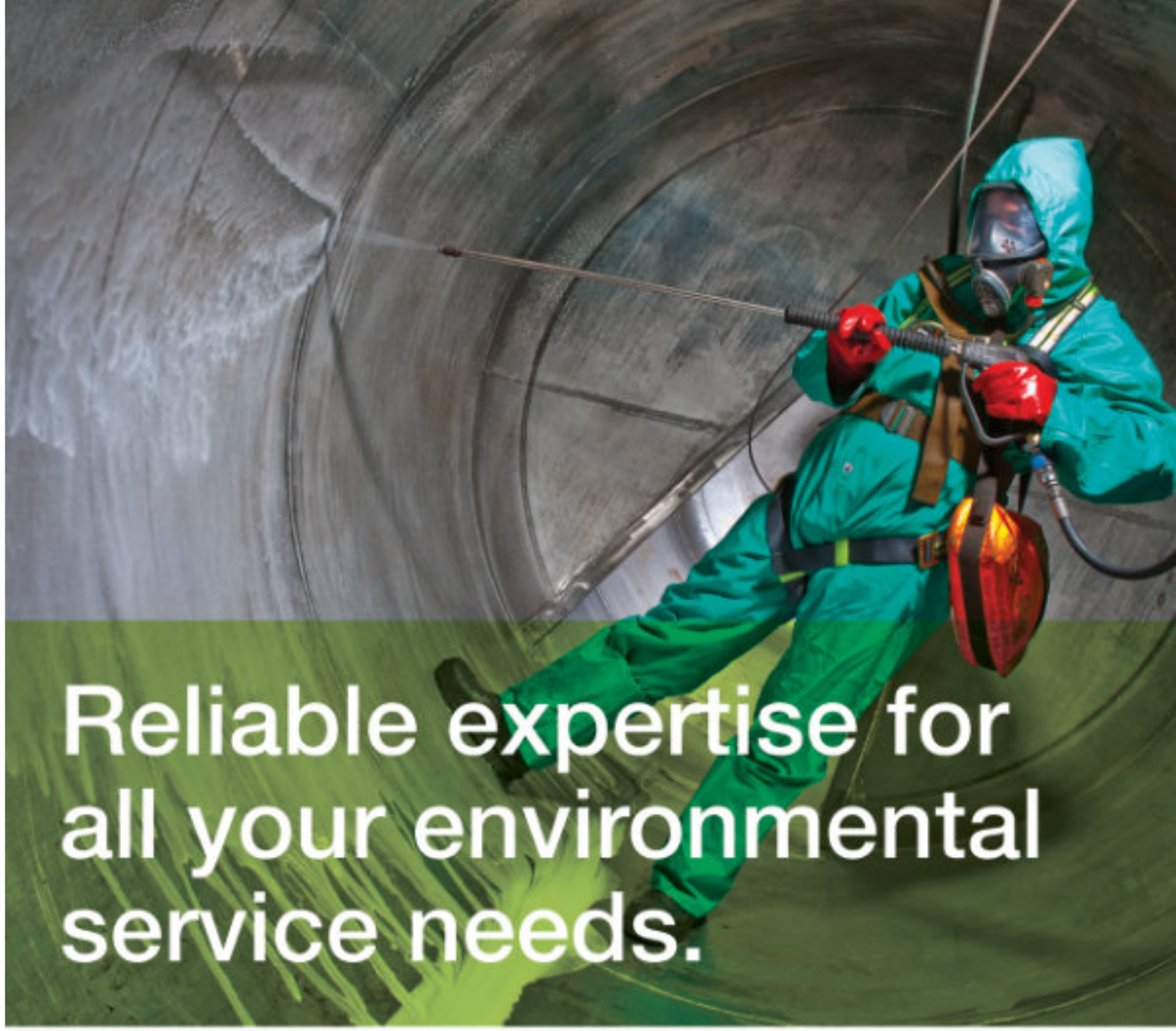
PELG has held a further meeting online and received the formal recommendations from the *'Post Implementation Review of the Petroleum (consolidation) regulations 2014.'* These will be worked on over the next two years.

In order to carry this out in a structured way, a 'high level strategy group' was set up to ensure the delivery of these objectives. This group held its first meeting in July and established its priorities.

The first is to prepare guidance on enforcement matters to the Petroleum Enforcement Authorities, and provide more readily available training options.

It was also agreed to set priorities for inspection and, in particular, to deal with better inspection of the higher risk activities such as petrol deliveries.

All Phil's technical reports, plus minutes of committee meetings are available at www.peimf.uk



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29. Vapour recovery swivel adapter
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31. Fill swivel adapter
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33. Tank bottom protectors
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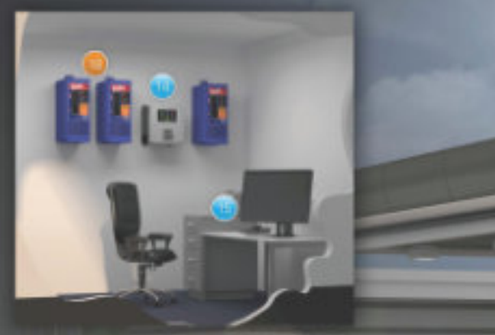
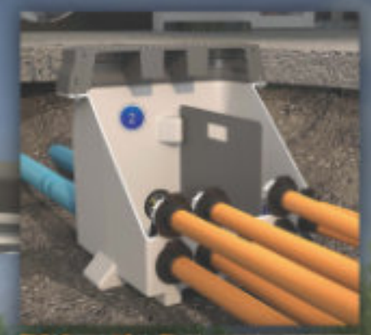
35. Safety sever breakaways

Franklin Fueling Systems also offers a complete line of hardware for aboveground applications including anti-siphon valves, pressure vacuum vents, spill containers and overfill prevention valves as well as a complete line of transport systems hardware.





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Dover Fueling Solutions launches DMP Probe

Dover Fueling Solutions (DFS) is proud to announce the launch of a brand-new addition to its family of fuel management products: the DFS DMP Probe.

This global solution (and the only probe from DFS that can be purchased, installed and used anywhere in the world) is set to revolutionise retail fuel management.

Using magnetostrictive technology, the DMP probe provides continuous and highly accurate readings of liquids inside of the tank, and is currently available as a wired model; with the release of the wireless model following later in the year. The DMP has the ability to monitor all fuel types and additives, including bio fuels and AdBlue®, whilst also supporting density, phase separation, leak detection and inventory management; through the purchase of optional density float kits and aqueous ethanol floats (AEF).

Compatibility

The DMP probe is compatible with a wide range of DFS' fuel management products, including the ProGauge MagLink LX family of consoles, the ProGauge MagDirect console, the Wayne Fusion Automation Server, and the OPW Fuel Management Systems SiteSentinel® Nano™ and Integra™ consoles, and also has a range of impressive certifications, including ATEX, OMIL, UL and IECEx.

Stefano Scatena, DFS ATG General Manager, said:

"The launch of this highly-anticipated product is a very positive step for DFS, and enables us to offer a truly global solution to our customers. The DMP probe is compatible with all other probes and consoles in the DFS product portfolio, making it very simple to integrate with existing fuel management solutions.

"We're excited to launch this revolutionary probe to our customers, who have come to expect only the very best performance and quality from DFS products, and look forward to promoting the wireless version later this year."

Fergus Heading, DFS ATG Product Manager said:

"Our teams have worked very hard developing and testing this product to the highest standard over the last year. The launch of this probe takes us one step closer to achieving our company mission: to be a leading global provider of advanced, customer-focused technologies, services and solutions in the fuel and convenience retail sectors."

About Dover Fueling Solutions

Dover Fueling Solutions, part of Dover Corporation, comprises the product brands of: ClearView, Fairbanks, OPW Fuel Management Systems, ProGauge, Tokheim, and Wayne Fueling Systems.
It delivers advanced fuel dispensing equipment, electronic systems and payment, automatic tank gauging and wetstock management solutions to customers worldwide. Headquartered in Austin Texas, DFS has a significant manufacturing presence around the world, including facilities in Brazil, China, India, Italy, the UK, and the USA.

For more information about DFS, visit: **www.doverfuelingsolutions.com.**

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Wayne products now available from TSG UK in Partnership with Dover Fueling Solutions

TSG UK is proud to announce its new offering from the Wayne Fueling Systems (Wayne) product line, a brand owned by Dover Fueling Solutions (DFS). This collaboration serves to further strengthen the partnership TSG has had with DFS since 2016, when they first started working together to distribute Tokheim branded products and solutions.

This new distribution agreement will expand TSG's current fuel dispenser offering, now allowing them to provide the full range of Wayne Helix™ fuel dispensers, in addition to their current dispenser offering. The agreement will provide customers the option to choose either Tokheim or Wayne dispensers from a single supplier, with nationwide maintenance cover for both.

Helix 6000

The Wayne Helix 6000 fuel dispenser series, has been designed and engineered on a single global platform; emphasising intelligent design, advanced technology, safety, and security. This range meets current safety standards of both IEC and UL and is using the best of Wayne's advanced technology to create a superior fuelling experience now and for the future.

Steve Watts, UK Sales Director, explained;

"This addition to our stable of quality products from Dover Fueling Solutions including Tokheim dispensers, FuelPos and ProGauge means that TSG UK is able to offer the full suite of products to meet any of our customer needs. The quality and reliability of these products has been industry recognised for decades and we look forward to providing the same best in class aftersales support and maintenance for all the Wayne dispensers"

About TSG UK Solutions Ltd

TSG UK is a leading equipment and service provider to the UK's fuel retail and fleet sectors. Its six business segments are TSG Fuel Retail, TSG Fleet, TSG Systems, TSG Gas, TSG Charge and TSG Wash.

For more information about TSG UK visit our website: **www.tsg-solutions.com/uk/** and more information on the Wayne products: **www.tsg-solutions.com/uk/retail-dispensers-wayne-fuelling-systems**

About Dover Fueling Solutions

DFS is part of Dover Corporation; comprised the product brands of ClearView, Fairbanks, OPW Fuel Management Systems, ProGauge, Tokheim, and Wayne Fuellng Systems. They deliver advanced fuel dispensing equipment, electronic systems and payment, automatic tank gauging and wetstock management solutions to customers worldwide.

Headquartered in Austin Texas, DFS has a significant manufacturing presence around the world, including facilities in Brazil, China, India, Italy, the UK, and the USA. For more information about DFS, visit: **www.doverfuelingsolutions.com**.

Government consultation on ending sales of petrol, diesel, hybrid cars and vans by 2035

UKIFDA (the Liquid Fuels trade association) believes that petrol/diesel and hybrid vehicles should still be allowed on sale after the 2035 proposal as the "virtually zero carbon by 2050" target will be met more quickly by encouraging a competitive market in cleaner vehicles.

UKIFDA Chief Executive Guy Pulham comments:

"The Government are again focusing on one technology, as they are in their heat policies. We believe 2035 is too soon and should not be suggested at this stage, due to the exclusion of possible technologies, supply/demand imbalances and infrastructure issues.

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When it comes to DEF AdBlue® Franklin Fueling Systems offers a complete system of Diesel Exhaust Fluid (DEF) compatible recirculation products. At around 12 degrees F (-11 degrees C) DEF will freeze, preventing sales and potentially damaging your piping lines.

Our recirculation system provides an energy efficient means of keeping DEF from freezing at low temperatures, with a complete lineup of premium products. With the use of an EVO™ Series Automatic Tank Gauge (ATG), temperature sensors are placed in the DEF pipelines. When the temperatures drop, the system triggers the submersible pump to recirculate the fluid, preventing it from freezing in the lines. The temperature sensor is installed into a "tee" pipework configuration which allows the sensor to come into direct contact with the DEF at all times, providing accurate temperature readings. Users have total control the recirculation system as it utilises the rules engine inside the EVO™ Series ATG.

You have the flexibility of writing your own rules for automated recirculation based on your climate, receive data on your system status, product levels, and usage, and monitor all this remotely with timely system notifications. Instead of turning on a heated pipework system at the beginning of winter and constantly running it, the temperature sensors turn on only when necessary to save you costs and energy usage.

Economical

Let's face it, heated pipework systems are expensive. Our DEF recirculation system allows you to use our APT™ brand pipework system solutions, including stainless steel fittings, rigid entry boots, and split test boots! Save big on the economical APT™ system and minimise installation time with the products you and your contractor are already familiar with using at your site. Also, with regulations constantly changing, our 1½" DEF pipework system is large enough to be used with other types should the need arise in the future. With a full-feature ATG in place, you can also take advantage of advanced features like electronic leak detection or containment monitoring of your DEF system.

When it comes to STP kits, our FE Petro® brand DEF STP comes in a pre-configured package for ease or ordering and installation. The DEF STP's output caters for both large and small applications without excessive nozzle pressure that can make the trigger hard to squeeze. The accompanying service station hardware products are composed of DEF compatible materials, including stainless steel and elastomers. Make easy connections with our DEF flex connectors and know you have support from crash protection, with our DEF shear valves. Our DEF dispenser sump has an optimised design; banded two-sump creation allows for clear separation between regulated and non-regulated liquids.

Mis-fill prevention

Finally, our complete DEF hanging hardware solution includes everything you need to safely dispense DEF and protect you and your customers from costly mis-fills. Our mis-fill option DuraDEF nozzle will prevent dispensing in non-DEF fill pipes, eliminating costly contamination. The DEF hoses feature anti-kink sleeves on both ends to prevent accelerated wear and our in-line breakaway solutions provide protection from drive-offs by sealing at both ends to prevent any fuel from being released.

Our DEF recirculation system prevents your system from freezing up, while also providing you with energy cost savings throughout the life of the system as well as upfront cost savings on equipment. We offer a one-stop-shop for all service station hardware, management, and hanging hardware needs.

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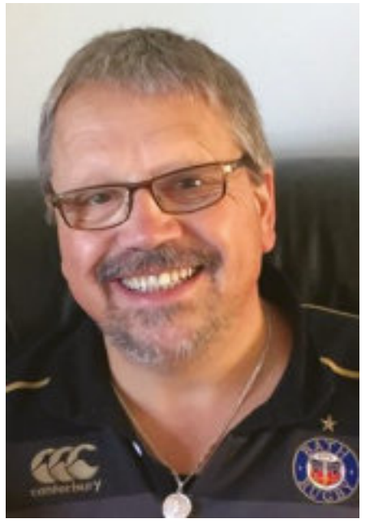
Health, Safety and Environm ent – what's in your policy?



Misunderstandings of and misrepresentation within HSE policies are a regular discussion subject at PEIMF committee meetings. Terry Moody is Vice President Global HSE for Gilbarco Veeder Root and is an established PEIMF Committee Member. Here, he attempts to throw some light on the subject.

Many businesses underestimate the importance of their Health Safety and Environment Policy, possibly because these days it is so easy to go onto the web and download a sample policy, add your company name and then offer it to interested parties as your own.

Whilst on the face of it, this may get you your 'ticket to the game', or the ability to bid in a tender or to be able to demonstrate some level of compliance, this can be an approach fraught with problems. Hopefully I can show here, that by taking a little more time and care on this important document, you will better benefit you and your operation.

What is it?

What is the HSE Policy? It is your statement to all stakeholders what your philosophy is regarding the management of Health, Safety and Environment is in the workplace. Those stakeholders are both internal and external. Internal would include your employees. It is recognised widely that these things matter hugely to the Millennium Generation, more so than previously. I regularly get asked by new employees about our views on this subject, and environmental issues in particular.

External stakeholders are of course important too. We are all familiar with the need to submit policies with job tenders, so that potential customers can have the confidence that we take these things seriously and that they form a key part of our business ethics. Less obvious maybe are your insurance company, shareholders and local residents located adjacent to your business. A worst case scenario could be enforcement agencies following an incident. This is when the cut and paste approach can trip you up badly.

Policies taken from the web, that have not been adapted to reflect the activity of your business, your control measures and your mission statement become very obvious very quickly. For example; adopting a statement from the web that states that you will monitor your staff with regular audits, when this is not the reality, will create all sorts of difficulties. Over the years I have often seen examples of small businesses adopting corporate policies that are unworkable and unrepresentative, and no thought has gone into the actual content. Remember, your written policy is a legal document and a legal requirement for all businesses with more than five employees. For businesses with fewer than five employees, technically there is no requirement to write the policy, but it is of course good practice.

It could be argued that, it is worse to fraudulently claim that you undertake lots of risk mitigation activities in a plagiarised policy, than to have no policy at all.

What should the content be?

Your policy should comprise three main parts.

1. The mission statement

This will typically talk about not harming people, not polluting the environment and ensuring compliance with local legal requirements as a minimum. It may mention a continuous improvement philosophy or abiding by accepted industry practices, which is very relevant to many PEIMF members. The mission statement is your high level goals and is the part that interested parties will typically read. It does not have to be pages and pages long. Two or three paragraphs will normally suffice.

2. The roles and responsibilities

This will talk about who within the company will do which tasks to ensure the mission statement above is met. This may involve tasks such as audits or communications, it will normally include provision of resource, training, and it may also include consultation with workers or unions etc. The roles and responsibilities will normally cover all levels of management, and possibly a reference to workers also. A good tip here is to cite job titles, rather than people's names; that way the policy stays valid when one of the management team leaves the business.

3. Health and safety arrangements

In our industry that may involve aspects such as confined space working, working at height, permit systems etc. It is vital that this part reflects your own business activities and the methods or systems that you will use to manage the risks down to an acceptable level. This part can often run to many pages. When examining policies from prospective sub-contractors, I regularly see policies that run to 50 or more pages, listing risk control methods for activities that you know the company in question does not undertake. In the likely event that the policy is reviewed following a significant incident, a misleading policy will create major difficulties at a time when you least need them.

As you can see, especially in parts two and three, creating a policy that aligns with your own business, people and activity is vital.

The HSE website has examples of basic policies which should help you get the ball rolling, www.hse.gov.uk

Furthermore, be careful when employing consultants to produce a policy for you. Unless you make it very clear, and they know your business intimately, there is a possibility that you will be offered yet another one size fits all solution.

Who?

Signatures and dates on HSE Policies are often the source of questions. Who should sign, should it be dated, how often should it be reviewed etc?

In the first instance, the most senior person in the business must sign the policy to indicate that top leadership has bought in. These days that primary signature is often supplemented by other business leaders, finance, HR, operations, sales - not forgetting the safety function. I like this approach. It signals to stakeholders that the whole management team believe in the contents of the policy. Of course it should be dated, and the date should reflect when the signatures were added - not when the policy was created. Cadence of review is also important. The Policy should be reviewed at least annually, or if anything significant changes. Those changes may include, but are not limited to:-

1. Changes in legislation
2. Changes in activity that the company undertakes
3. Changes in customer requirements
4. Changes resulting from a significant incident
5. Changes in the organisation structure of the company

If no changes are made, then as a minimum the date should be made current. Reading a company HSE policy with a date from 4 or 5 years ago, simply tells me that this is not a priority in the business.

The bottom line is this;
Your HSE Policy must say what you really do, and then you must do what it says! Follow that mantra and you will not go too far wrong.

How good are your risk - assessments?

Brand new support pack available

(Discounted for PEIMF members)

PEIMF member Commercial Fuel Solutions have 20 years' risk management expertise, gained through extensive research, investigation and regulatory work. Here, Managing Director, Robin Futcher, outlines your obligations and offers a brand new, comprehensive method of evaluation.

Throughout the UK there are hundreds of thousands of diesel fuel storage tanks, which collectively each year dispense hundreds of millions of litres.

These storage and transfer systems vary greatly in type and size, ranging from small agricultural installations dispensing gas oil into tractors, all the way up to multiple storage facilities delivering to national fleets. As with any place of work, the Health and Safety at Work Act applies and, irrespective of the scale of any diesel fuel installation, it is necessary to ensure certain risk assessments are undertaken.

The risk assessments which apply are;

- Those relating to hazards arising from handling flammable liquids (DSEAR),
- The suitability of the handling equipment (EPSR)
- Their potential impact on the environment (Oil Storage/Control of Pollution).

For many diesel installations, especially where fuel is dispensed, employers also have specific obligations under both PUWER and the Health and Safety at Work Act.

A brief overview of these requirements and respective obligations is outlined right.

DSEAR (Dangerous Substances and Explosive Atmospheres Regulations)

The scope and application of DSEAR has been a heated debate for a couple of years now, but put simply; *it is necessary for all diesel tanks in the UK to have a DSEAR risk assessment undertaken.* Effectively, a DSEAR assessment evaluates those risks to employees which arise from handling diesel. A correct assessment will also confirm if the system is suitably designed to prevent hazardous areas of flammable vapour and mists from forming.

It should be duly noted, that this does not necessarily mean ATEX equipment is needed. Regulation 5 of DSEAR confirms if the EPSR (see below) applies. This confirms if requirements for certified equipment are to be used in addition to existing protection methods and control measures.

EPSR 2016 (The Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations) (previously EPS 1996)

In the UK, relevant apparatus in hazardous area applications must be selected on the basis of EPSR, unless the risk assessment under DSEAR regulation 5 finds otherwise. The EPSR advises the protection levels and type approvals needed.

Oil Storage/Control of Pollution Regulations

Regulation varies slightly between regions but there is a national requirement to ensure that commercial fuel storage facilities greater than 200 litres comply. This includes having adequate materials and training to deal with a spill and having spill response planning in place.

"Already proving very popular amongst councils, as they utilise this excellent service, M.O.D installations are now showing real interest in this comprehensive tool"

PUWER (Provision and Use of Work Equipment Regulations)

If you are an employer or self-employed person, and you provide equipment for use at work, or if you have control of the use of equipment, then PUWER will apply to you.

Your obligations are to ensure that the equipment is;

Suitable for use, and for the purpose and conditions in which it is to be used.

Maintained in a safe condition for use so that people's health and safety is not at risk.

Inspected; to ensure that it is, and continues to be, safe for use. Any inspection should be carried out by a competent person (this could be an employee if they have the necessary skills, knowledge and experience to perform the task) and a record kept until the next inspection.

In conclusion;

These requirements may seem excessive to some, however it is necessary that all the regulatory requirements are met.

Fortunately, Commercial Fuel Solutions Ltd have produced a user-friendly support pack consisting of various information including; documentation, guidance, labelling and forms. This pack enables site operators to quickly evaluate the risks associated with diesel storage and then assist them to prepare the required risk assessments.

20 years' experience

By investing in one of our support packs, you can take full advantage of the risk management expertise we've gained through our extensive research, investigation and regulatory work over the last 20 years. You will benefit from our experience and unique understanding of common causes of failure, good working practices and how you can apply our methodology in your own business to manage your diesel storage and handling risks.

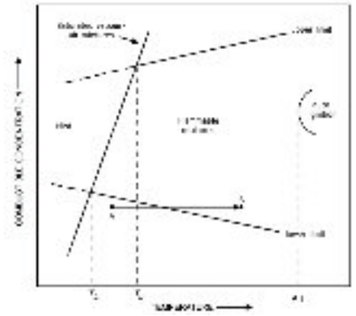
The support pack includes a wealth of information and provides easy to follow step by step guidance, with corresponding check lists to enable the correct use of the included templates.

In addition to the DSEAR risk assessment documentation, guidance on environmental spill response planning and spill kit calculations are included. This is supplemented with adhesive spill response notices and a selection of labels for the storage tank, which meet the new globally harmonised system (GHS).

To complement the risk assessment documentation, guidance on creating suitable procedures and training records is included, along with advice on maintenance and producing documented service records.

Contained within a tough, long-lasting polypropylene binder with additional pockets, the support pack forms a durable risk assessment folder which can endure industrial use and be kept on hand where it is needed - adjacent to the storage tank.

Future updates on guidance and changes in legislation are also provided through our bulletin service. All customers purchasing a pack are entitled to technical support from our team of consultants and engineers.



For more information on the specifics included within our diesel storage tank risk assessment support pack, please visit: www.commercialfuelsolutions.co.uk/risk

For a limited time, PEIMF members can purchase the Support Pack at a discounted rate of 50%.
To order at the discounted rate please contact our sales team on 02380 231007 with your membership details.

Largest independent forecourt network in Cyprus rolls out GripHero

Cypriot drivers to be protected from contaminants and Covid-19 at the fuel pump

EKO run the largest independent forecourt network in Cyprus, accounting for around 30% of all fuel stations on the island. They have announced that they will be installing GripHero's award-winning dispensers, and ATEX-Certified anti-static hand-protection, across its network of 96 forecourts on the island.

Installed to enhance customer safety; by minimising the potential transfer of germs, biohazards, chemical or biological contamination, GripHero's patented dispensers are playing an important role in preventing the transfer of Covid-19 at the fuel pump.

Drivers pulling into EKO Cyprus forecourts will be able to find GripHero dispensers within easy reach of fuel nozzles. This is made possible through GripHero's use of antistatic materials, making it the only dispenser permitted internationally, within the fuelling zone.

Reducing environmental impact

GripHero is also helping to reduce the environmental impact of hand-protection at EKO's forecourts. Through the installation of its highly efficient dispensers, which release only one item of hand-protection at a time, GripHero prevents wastage of single use plastic. This is a particular issue for traditional glove dispensers, which are especially prone to the withdrawal clumps of gloves, resulting in excess gloves either being taken away or left by motorists to blow into the environment. On average, GripHero reduces the amount of hand-protection used on forecourts by 55%.

By fitting GripHero, the client is also dramatically slashing its carbon footprint. This is because GripHero has no plastic waste or off-cuts during production, unlike conventional hand protection. It also uses a fraction of the packaging compared to standard alternatives, and minimises space needed for transport. Together, this results in a 75% smaller hand-protection carbon footprint for EKO Cyprus.

A spokesman for the network commented:

"At EKO Cyprus, we recognise the extra importance and high demand for customer safety when refueling on our sites. By using GripHero across our network, we are delighted to offer our customers best-in-class, carbon-friendly and certified static-safe protection in the fueling zone."

Inventor and Managing Director of GripHero, Oli Yeo, commented:

"EKO Cyprus is leading the way in the protection of the health and wellbeing of drivers on the island. But that's far from the full story. Their focus on reducing the impact of single-use hand-protection is set to dramatically lower the volume of single use plastic that could otherwise end up in the marine environment. As a proud island nation that relies on its coastal waters for food, tourism and entertainment, this is understandably a high priority."

GripHero's patented product range offers the only dispenser in the world permitted to sit on fuel pump handles. Their award-winning ATEX-Certified anti-static hand-protection material removes all chance of ignition caused by static, uniquely enabling the dispensers to be fitted and used in the refueling zone.

Since the global spread of Covid-19, forecourt operators and drivers alike have been focussed on protection and safety at the pumps. As a result, GripHero has seen exceptionally high demand, resulting in the business tripling production and capacity, with new orders received on 4 continents.

GripHero is a dispenser that is located on the nozzle itself and can also be installed on the body of fuel pumps and stanchions. It has been designed to be effortless both for members of the public to use, and for forecourt operators to install, maintain and refill. Unlike other dispensers, GripHero is exactly where you need it, when you need it. It dispenses only one piece at a time reducing waste and the likelihood that customers will ever have to refuel without having on the spot access to hand-protection.

Globally, GripHero is currently supplied to forecourts which serve over 400,000,000 drivers annually.

Fuel pump nozzles are 11,000 times dirtier than the typical toilet seat (following a study in the US).

Multi-award-winning GripHero has won the:

- 2019 Tomorrow's Health & Safety Silver Award
- 2019 APEA Environmental Protection and Improvement Award
- 2019 APEA Innovation Award

www.griphero.com
01837 811035.

A FORCE TO BE RECKONED WITH

DMP Magnetostrictive Probe

The Power is Yours

DOVER
FUELING SOLUTIONS

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Health and safety – your responsibility

As an employer, health and safety in the workplace is your responsibility, and you need to take all reasonable precautions to reduce the risks of workplace dangers and provide a safe environment for your employees and customers alike.

If you employ five or more people (including owners/directors) you are required to have a risk assessment, and it is good practice to undertake an annual review of the same. Such a review should also be undertaken following and incident or "near miss", no matter how insignificant. However, such responsibilities are often missed, or ignored, either due to a lack of understanding or because the business is too busy, and things get overlooked.
Yet the potential for hefty fines, as well as the ensuing poor publicity for non-compliance, can damage your business in the longer term.

Hazard area diagram

You must also produce a hazardous area diagram, drawn to scale, showing the physical features of your site such as: buildings, canopies, dispensers, vents, fillpoints, etc. These plans must also show the location of underground tanks (including grades and capacities) pipelines and drainage.

You may already have such a diagram in place, however, if it was drawn several years ago or if there have been changes to your tank grades, it may no longer be valid. Should you experience a fire or explosion on your site, you may not be covered for insurance purposes without demonstrating correct classification and control of your forecourt.

Geoff Oldham, Chairman at Suresite Group said;

"Corner cutting is not only bad for health, but it's bad for business. For those not complying, there is the threat of legal sanctions (including fines and imprisonment) or civil actions and the loss of stock, reputation and staff morale.

Neglecting health and safety is not only wrong, it isn't worth it.

"Health and Safety has always been at the forefront of our service at Suresite and we have been helping businesses to comply with their health and safety responsibilities since 1994. Our management team, and nationwide assessors, help ensure compliance by confirming whether appropriate health and safety procedures are in place and setting clear action plans for improvement. We will also keep you fully aware of legislative changes and any developments within your industry."

Forecourt risks rising

Forecourts used to comprise no more than a few dispensers and a kiosk, now they're attached to convenience stores, incorporate takeaways, carwashes and electric vehicle charging points. With more and more being added, the overall risk can rise too. Sites that have recently installed EV charging points will need to consider specific control measures, such as ensuring that the equipment, charging cables and vehicles are all out of the designated hazard zones at the time of charging. We often see ATMs added with little thought for the potential impact, which could include obstructions and blocked kiosk viewpoints. For those that only have a small forecourt it can be a challenge to fit things in the correct and safest way.

We are fortunate in the UK, because we have extensive legislation and guidance to ensure that forecourts are operated in the safest way. In these difficult times of Covid and lock-down it can be very tempting to look for ways to save money, but failing to use competent, qualified contractors to effect alterations and repairs can lead to major problems. Who would use a domestic electrician to fix a fault on a pump island? You might be surprised! And yes – you are responsible for ensuring that any contractor you employ is suitably qualified for the job at hand. Major incidents involving filling stations are, thankfully, rare but we must never be complacent and minor problems have a habit of escalating.

Everyone knows that the person who accepts deliveries of fuel must be a 'competent person' trained in the correct procedures to safely take in loads of fuel. In many cases this is now delegated to the driver, as the forecourt is equipped for 'driver-controlled deliveries' but there are many sites where the delivery is supervised by trained staff.

But it doesn't stop there.
ALL your employees must be 'competent persons'. They must be fully trained and competent to undertake their duties. It is essential, that before anyone sets foot behind a cash register, they are given the relevant information, instruction and training on potential hazards. In an emergency, a sense of panic can set in at a time when staff need to be calm, act swiftly, and effectively control the situation to mitigate risk.

Suresite Group offer a range of on-line training courses; to enable you to ensure that your employees are fully qualified to protect your valuable assets and maintain a safe and healthy environment for both customers and themselves.

Update to leak detection requirements

One of the biggest changes that has come from revisions of the Blue Book is the update of the leak detection requirements for wetstock management. For any site with single skin tanks or lines, it is expected that the site owners engage the services of an approved third-party wetstock monitoring provider.

This amendment from simple record keeping may come as a shock to some forecourt operators. However, whilst some might find these expectations onerous and hard-to-implement, the penalties of non-compliance could be far more dramatic with draconian fines and clean-up costs associated with any loss of product. The change in guidance is about raising wetstock control standards, which is intended to be a positive step in a world that is increasingly aware of the damage we do to the environment.

Looking at it another way, the implementation of wetstock management services can also lead to improvements in business performance. Whether you operate a high or low volume forecourt, can you afford to be giving away product through over-dispensing, theft or leakage?

Suresite Wetstock is a real-time monitoring system which can be relied upon to keep you safe and profitable

Suresite has been keeping sites safe and maintaining compliance since 1994. Assessments take a robust approach, highlighting what is required to achieve legal, moral and economic compliance.

Suresite Training ensures your employees are fully competent and Suresite Wetstock is a leading time fuel monitoring system.

Contact www.suresite.co.uk and let us take the load.

Do you receive Edgepetrol's impressive, rather 'left field' emailer 'Weekly Wrap'?

It contains loads of useful thoughts and info, and here's just a taster of some of the introductory lines.

- ***The average financial impact of poor data quality on businesses is over $9.7m per year.***
- **How will COVID impact the market? A retailer's view.**
- ***Am I suffering from bad data?***
- **'Moneyfuel' - using data to narrow the widening gap of fuel retail.**
- ***A girl regularly complained to her Father. "Father, woe is me."***
- **Do you want the good news or the bad news; what do you say?**

- **Tesla becomes the world's most valuable carmaker.**
- ***Quarantine related movies***

If you would like to sign up for the 'Weekly Wrap' visit: www.edgepetrol.com

The Green Pages
NEW FUELS GUIDE

AUTUMN 2020 • ISSUE 3

Welcome to the latest edition of our fuels supplement

At the PEIMF, we support our members with education and help on traditional petroleum products and services and INSITE is always packed with information. Virtually all editorial contributions are provided by PEIMF members (which is a great member benefit).

'The Green Pages' is a series of regular special supplements, in which we endeavour to cover many aspects of new and alternative fuels, during the huge changes and developments in the industry.

Electric vehicle charging is in everyone's consciousness, but there is a lot more going on, for both fuelling and the infrastructure involved.

In this edition

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- Navigating the energy evolution
  Adler & Allan

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- 'Electromobility'
  Will your next car be electric?
  Allego

Page 8
- 'Vesta' The vehicle energy station of the future
  Ledbury Welding & Engineering
- CNG vehicles increase across Europe

To contribute to 'The Green Pages'
Contact our editor: david@peimf.com
tel: 01474 321999

Car registrations
July 2020

July

	2020	2019	% change	Mkt share -20	Mkt share -19
Diesel	38,874	38,208	33.9%	16.97%	27.7%
Petrol	101,197	107,396	-5.8%	54.85%	66.3%
BEV	8,152	2,227	259.8%	4.7%	1.4%
PHEV	5,477	1,772	320.9%	3.3%	1.1%
HEV	12,774	4,210	203.5%	7.3%	2.6%
MHEV diesel	3,013	2,429	24.1%	1.8%	1.5%
MHEV petrol	11,351	5,907	92.2%	6.8%	3.6%
TOTAL	174,837	157,148	11.3%		

Year to date

	YTD 2020	YTD 2019	% change	Mkt share -20	Mkt share -19
Diesel	47,621	379,283	-87.4%	17.6%	28.5%
Petrol	246,387	921,107	-73.2%	91.4%	69.2%
BEV	39,119	14,242	174.7%	4.7%	1.1%
PHEV	26,155	10,018	161.1%	3.1%	0.8%
HEV	50,707	19,274	163.1%	6.1%	1.4%
MHEV diesel	27,804	12,333	125.4%	3.3%	0.9%
MHEV petrol	41,351	15,833	161.2%	4.9%	1.2%
TOTAL	528,388	1,329,443	-41.8%		

These figures are courtesy of the society of motor manufacturers and traders: www.smmt.co.uk

A reality check on installing EV charging in typical petrol filling stations in the UK

Our editor writes:

We are very keen at the PEIMF to introduce and explain all aspects of new fuel technologies through 'The Green Pages'. The opinions and information supplied is always that of the contributor, and we welcome comment from all areas of the industry on new developments.

Here Ray Blake, the Petrol Retailers Association's Technical manager, in collaboration with consultants John Dallimore and Gareth Bourhill, offers an interesting view on the validity of EV charging in our existing filling station infrastructure.

PRA
PETROL RETAILERS ASSOCIATION

THE TYPICAL UK PETROL STATION

Around 5,500 of the total 8,500 petrol filling stations (PFS) in the UK typically sell: coffee, sandwiches, cigarettes, alcoholic drinks, sweets, ready meals, newspapers and magazines.

The category does not include PFS within car parks or adjacent to supermarkets. Nor does it include motorway service areas, unmanned PFS or those associated with vehicle sales or repairs.

This typical PFS business model is based upon a fast turnaround of customers. A customer will be on site for between 5 and 12 minutes. During that time, they may refuel their vehicle, enter the shop and purchase some goods.

THE BUSINESS MODEL

The businesses are not viable, based purely on the sale of fuel. They make their money from shop sales, car washes and other add ons.

The main beneficiary of fuel sales is the government, which collects around 80p for every litre of fuel sold.

The forecourt operator does not make enough from fuel sales alone to buy, build, maintain and staff the infrastructure required to store and dispense fuel. If EV charging is introduced onto one of these PFS, it will have a detrimental effect on the viability of the site.

WHEN EV MIGHT MAKE SENSE

If the site has a large area of spare space, where EV charging can be located without effecting the business model or: the EV charging can be completed within the same time frame as it takes to pump petrol or diesel into a vehicle fuel tank.

FURTHER CONSIDERATIONS

If, despite the detrimental effect on the business, EV is being installed.

Or if there is enough spare room for EV vehicles to sit being charged for between 30 and 60 minutes (less than 30 minutes to provide an acceptable charge is many years from being the norm).

There are two further considerations for the forecourt operator when deciding whether EV is viable on their site.

WILL THERE BE A RETURN ON THE MONEY INVESTED IN INSTALLING EV CHARGERS ON SITE?

There are several options for getting EV charging facilities onto a PFS. One would be leasing a part of the site to an EV charging company, in return for rent and/or a share of the revenue derived from charging vehicles. Another is for the operator to pay for the additional power supply to be brought to the site, installing the equipment at their own expense and taking the risk that there will be a profit.

To date, members of the PRA who have been "early adopters" of EV charging on their sites have reported payback periods for the investment predicted, to be of between 10-20 years. A business case for which, it would be difficult to procure financing.

Also, that the cost of bringing an adequate additional supply of electricity to the site varies enormously, depending on the capacity of the local electricity network. In large cities it may be possible to feed EV charging from the low voltage network, in which case the cost would range from a few thousand, to tens of thousands of pounds. If getting the supply to the site entails feeding from a long distance (perhaps from a sub-station) the figures quoted are in millions of pounds.

Should be site operator be attempting to future proof the business, ready for the day when ultra-fast charging may be normal (150KW upwards) caution is advised. An electrical sub-station would be required to be located on, or immediately adjacent to, the site and this will incur an eye watering amount of money to achieve. Figures quoted range from £100k to many millions on pounds.

IS IT POSSIBLE TO INSTALL EV CHARGING SAFELY AND IN COMPLIANCE WITH GUIDANCE/ LEGISLATION?

Quite often the answer is 'NO'.

To reduce the risk of introducing a potential source of ignition into an area where a flammable vapour may be present, the hazard zones must be identified. Electrical equipment that is not certified for use within those zones must not be located within those areas.

Therefore, all equipment related to EV charging, including the cable at its full length, and the whole of the vehicle being charged, must be located outside of the hazard zones. Examples of the zones are:

- A radius from the maximum reach from a dispenser hose to the nozzle, plus one metre (usually 4m in total)
- A 2m radius around tank vent pipes
- A 4m radius from above ground fuel points
- A 4m radius around petrol tanker hose connection points
- A 2m radius around petrol interceptor/ separator access chambers

On a typical PFS in the UK, this leaves a very restricted area where EV charging can be safely located, if any.

EARTHING

Then the issue of electrical earthing must be addressed. This is likely to require a risk assessment to be carried out by the specialist, to ensure that there is adequate separation between different earthing systems, for example; between the filling station earthing system and the earthing system installed for the EV charger.

Above that, if an electrical sub-station is required, an extremely high level of specialist expertise will be needed. It will require a consultant with specialist software, to determine the minimum acceptable separation between the sub-station earthing system and any buried metal work connected to the filling station earthing system.

This distance could be considerable and make it even more difficult, or even impossible, to locate a sub-station on the PFS.

There are other less onerous requirements, such as the forecourt emergency switch being linked to also de-active any EV charging equipment.

One expert on the electrical safety of petrol forecourts has been quoted as stating that;

"The last place you should consider installing EV charging is a petrol forecourt."

My hope is that, on every occasion when EV charging is being considered on a PFS, safety is foremost in the mind.

All these factors result in it not being either feasible or financially viable to install EV charging on many UK PFS.

THE HYDROGEN ALTERNATIVE

When I became involved in the proposal to install hydrogen dispensing on PFS, around 8 years ago, I had my doubts from both the safety and feasibility prospectives.

I now believe, not the least to achieve targets for decarbonisation on a global scale, that hydrogen is a far better option than lithium-ion batteries.

AUTUMN 2020 • ISSUE 3 • THE GREEN PAGES - NEW FUELS GUIDE

Why is LPG better than petrol and diesel?

Maja Stirrat from PEIMF member Nupi extols the virtues of LPG, and how their SMARTIpg piping system fits the bill.

LPG/ Autogas burns cleaner than petrol and produces 33% less CO2 emissions than petrol and 45% less CO2 than diesel. LPG vehicles produce up to 82% less Nitrogen Oxide pollutants than petrol and 99% better than diesel. 63% less Carbon Monoxide. 40% less Hydrocarbons than petrol and 70% less than diesel.

While LPG/ Autogas is present at almost every service station in Europe, unfortunately this cleaner and much cheaper fuel is much less present in the UK, mainly due to the lack of government backing.

It gives better sales margin to the seller, but it has the potential to improve the air quality, especially in urban areas where there is a high volume of traffic with diesel and petrol engine vehicles.

LPG is made as a by-product of oil extraction and refining operations, and the UK produces a surplus of it every year, which is then exported.

NUPI started manufacturing SMARTIpg, a special type of LPG pipework a decade ago, and it's been installed on many service stations around the world.

WHAT IS THE SMARTIpg SYSTEM

The SMARTIpg system is a polyamide-lined thermoplastic piping system reinforced with polyester fibres and steel crimping fittings. It represents the best solution for underground installations for the conveyance of automotive LPG from tank to dispenser.

SMARTIpg pipe is flexible, compatible with LPG components and coated with PE100 RC, highly resistant to crack and point loading.

The construction and design characteristics of the pipe guarantee the following performance:

- PN 35 bars (508 psi)
- Bursting pressure > 180 bars (2611 psi)
- Resistance to the transported fluid
- Durability in excess of 25 years
- Flexibility
- Resistance to corrosion
- Limited head losses
- Resistance to abrasion

FITTINGS

The range includes steel fittings, comprising a terminating fitting and a crimp collar.

The fittings are available in various sizes and types of female and male thread (BSPP, BSPT and NPT). The range is completed by flanges with crimping stub ends and all necessary tools. The fittings are manufactured from a special chrome-molibdene 4 alloy having a resilience to low working temperatures higher than 27 Joules.

KIWA APPROVED

SMARTIpg has the biggest approval range and is in particular KIWA (NL) approved. KIWA is a product approval that guarantees the performance conformity for all productions carried out after the product has undergone checks and continuous inspections (the product approval is different from the type approval which is issued just once on a specific product).

SMARTIpg was made in accordance with the following **standards and requirements:**

- The Blue Book guidelines:
  1) UK Ipg – LPG piping system – design and installation NFPA58 – Liquefied Petroleum Gas Code
  2) EN14678 – Equipment for liquefied petroleum gas; automotive filling stations.
- Part 1 Dispensers
- Part 2 Components other than dispensers and installation requirements.
- EN1762: *"Rubber Hoses And Hose Assemblies For Liquefied Petroleum Gas, Lpg (Liquid Or Gaseous Phase) And Natural Gas Up To 25 Bar (2,5Mpa)-Specification"*
- EN13766: *"Thermoplastic multi-layer (non vulcanized hoses and hose assemblies for the transfer of LPG and LNG"*
- EN10226-1 for threads and components
- EN 549 and EN ISO 11114 - 2 for seals and gaskets
- EN 751-2 and 751-3 Jointing compounds and tapes for threaded connections
- EN13766:2005 standard and PED Directive 97/23/EC

The quality of the materials used and the strict quality controls employed in its manufacture allows the NUPI SMARTIpg system to deliver reliability for more than 50 years and to provide a product warranty of 25 years.

FIELDS OF USE:

The SMARTIpg system is used in underground installations for the conveyance of automotive LPG from tank to dispenser.

It is suitable for the following installations: product, filling, vent & vapour recovery

ELECTROSTATIC SAFETY

The SMARTIpg piping system has received the complete electrostatic safety certification, by exceeding the many rigorous tests required by the Wolfson laboratory (UK). This certificate proves its absolute operating electrostatic safety.

CASE STUDY: SITE OF SETTIMO TORINESE (ITALY)

Pipeline total length: 63 metres product line: DN32
Vapour recovery line: DN25 measuring line: DN25

Fittings: flanges + crimping stub ends

The pipe was delivered to site already cut according to the customer's specifications. The pipe and fitting joining was carried out on site by Nupi qualified installers using the electric crimping machine supplied by Nupi.

Considering the low ambient temperatures (-5 °C) during installation, the piping was conditioned by means of an external heat source to make the installation easier.

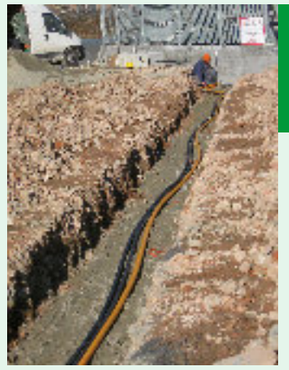
1. The LPG unit has already been installed.

2. The trench is made ready and the sand bed laid down. The fittings were crimped in a clean environment (In this instance it was inside a vehicle).

3. The product line DN32 is installed by rolling out the coil along the trench.

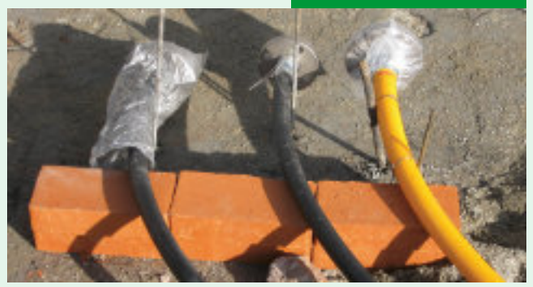
4. Then, the vapour recovery line DN25 is installed using the same process.

5. Followed by the measuring line DN25.



6. The sump (brick) will be built later on. (Other forms of sump can also be used).

7. Originally, the service station was supposed to be installed using steel pipes with an estimated installation time of 21/2 days.

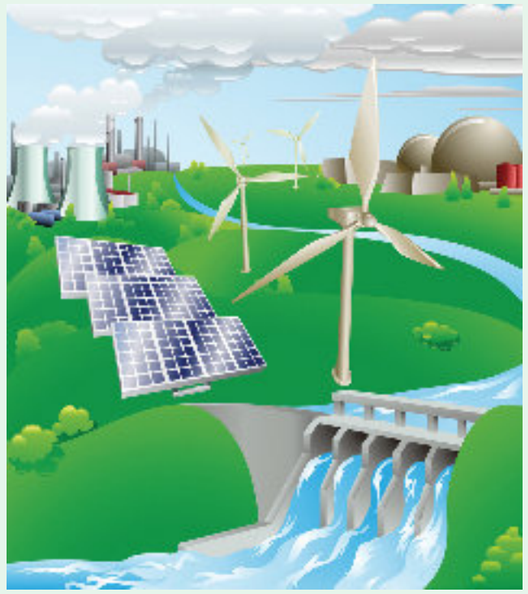


Because of the SMARTIpg design the installation was completed in just 2 hours.

For more information on SMARTIpg, contact Nupi European Sales Manager: maja.stirrat@nupinet.com or visit www.nupiindustrieitaliane.com

Navigating the energy evolution

With the announcement in February that the UK is to ban the sale of petrol and diesel cars from 2035, we are entering a complex period of energy transition which requires careful navigation.



As low carbon sources aren't yet producing enough energy consistently, we cannot simply switch off the old hydro-carbon technology. Kurt Wachter, Director, Fuel Infrastructure Division at environmental risk reduction specialists Adler and Allan, examines this energy evolution and the complexities of the transition period.

DIVERSIFYING ENERGY INFRASTRUCTURE

Whether your business is transport, utilities, food manufacture, telecoms, banking, data storage or even renewable energy, to meet ongoing legislation you are likely to need to diversify your energy infrastructure and investment. At a time of transition in the economy as a whole, energy (and the use of energy), will change whether you are a supplier or a consumer. Many sectors will have a long transition period of using both hydro-carbon and renewable energy sources at the same time as we migrate over. The way you navigate the transition now, could determine your success in the future.

We shouldn't be fooled into thinking that a green future doesn't come with risks, and liquid fuels like hydrogen or renewables are still potentially hazardous and require appropriate environmental protection measures. An effective transition plan will help you stay one step ahead of your competitors.

DIMINISHING SKILL SET

As we transition to new energy sources, we will need to continue to maintain an ageing infrastructure of hydro-carbon fuel tanks which require traditional skills such as tank cleaning, together with a knowledge of specialist health and safety. Hydrogen could be a big part of our future energy make-up and as a liquid fuel requires similar skills to today, albeit with differing technology. Increasingly, we are seeing these traditional skills diminishing as young engineers understandably future proof themselves. What will happen if the traditional skills run out before the technology expires?

REMAINING COMPLIANT

As the energy market evolves, so too does the legislation surrounding it, and not just around new technology. Recognising their age, traditional fuel assets are subject to more and more stringent legislation to prevent contamination, such as the SEPA legislation around containment and bund efficiency. Are you aware of your ongoing legal requirements in both new and old energy technology?

WATER IS THE ENEMY

As a result of heightened regulatory measures to decrease greenhouse gas emissions and reduce reliance on fossil fuels, the composition of the fuels we use has changed dramatically in recent years, adding ever increasing amounts of non-hydrocarbon elements. When these biofuels come into contact with water, they create a microbial contamination in the tank. Microbial contamination of diesel fuel occurs when water finds its way into a tank as a result of condensation, rainwater penetration or absorption from the air. This kind of contamination not only accelerates tank corrosion, it can block lines and filters and significantly reduce the performance of the fuel itself.

As diesel is commonly used for emergency power generation, the potential for microbial growth exposes data centres, hospitals and the like to considerable operational and reputation risk. Investing in maintenance, inspection and remedial work should now be essential to your operations, especially when you consider microbial induced corrosion can accelerate tank corrosion by as much as 1mm per year, meaning a new steel tank could fail in less than seven years.

NAVIGATING THE TRANSITION

Whatever sector you are in, the energy transition will change the way you do business in the future. As technology, skills and legislation evolve and we begin to phase out the old and welcome in the new, requirements are changing.

We are all making this transition. Adler and Allan has always been involved in energy. We started in coal and coke, moved to liquid fuels, now our brand reflects the wider evolution to a more diverse energy infrastructure.

To meet evolving environmental demands, Adler and Allan gives customers peace of mind in detecting and identifying the environmental risks posed today and in the future. We have the knowledge and the expertise in-house to maintain your fuel infrastructure for as long as it is required while ensuring you remain compliant as the legislative landscape evolves. We know the pitfalls, such as microbial activity in biofuels, and can advise on adjusted compliance regimes to ensure you remain operational. Partnering with you we will help you navigate the energy transition, keeping your businesses strong, reducing the prospect of litigation, costly fines and bad publicity, while reducing the threat to the environment.

www.adlerandallan.co.uk

Electromobility

Will *your* next car be electric?

Andrew Oakes is UK development manager at PEIMF member Allego, who are charging solutions specialists.

Over the past few years, there has been plenty of news about the development of electric vehicles (EV's), but it's not that long ago when Jeremy Clarkson (remember him!) used to bang on about them on Top Gear as if they were some kind of novelty that may never take off! Since then, we've seen the first generation of cars for the public to buy; but there's still a long way to go.

Of course successive governments have shifted policies towards encouraging people to switch to low or zero-emission vehicles, and that trend is set to continue, but when the car manufacturing industry as a whole is now moving its future plans towards these vehicles, then you know a change is really under way.

SO - ELECTROMOBILITY

'Electromobility' is the new buzz word, as manufacturers are now looking at a new way of how people will move around in the future; and how they will look to offer us other mobility services (and not just the car).

In addition, the other opportunity for them is to create new recurring revenues as big data becomes very important to understand our future transport needs.

Now we all carry smartphones, we are starting to see organisations using this data to accurately follow our movements as individuals, rather than say a traffic survey, which counts cars not people.

EXPENSIVE

The public perception when thinking about buying an electric car, is that they are expensive compared to an internal combustion engine equivalent. And then there's 'range anxiety', with fairly limited ranges of 100-plus miles on a charge. Lastly, the lack of charging availability.

One, or all of these reasons, has been the challenge for manufacturers to convince drivers to make their next car electric. However, as more and more models come to market and tooling costs drop, we will start to see costs reduce and the gap narrow. Fleet and company car uptake is going to accelerate as benefits-in-kind for driving an EV or hybrid make this a serious consideration if you have a company car.

Another key question for most people of course is;
How much does it cost to fill up/charge my car?

The cheapest way will always be to charge at home on an overnight electricity tariff with your home energy supplier. The challenge is that you will need off-street parking for this, as you would have a small slow charger installed on your house and then a thick cable trailing and connected to the car overnight.

However, around half of the UK's households don't have off-street parking. Now ranges are getting longer, a public charger is likely to be a consideration for most people and is much quicker, with charging times from ten minutes to an hour.

LIMITED MODELS

Until now, consumer choice for electric cars has been limited to just a few manufacturers and models. Over the next few years, there will be a much wider choice available in the UK. Here are some of the models available:

- Aston Martin RapideE
- Audi E-Tron • Fiat 500e
- Ford Mustang Mach-E
- Honda e
- Hyundai Ioniq and Kona
- Jaguar I-Pace • Kia e-Niro
- Mini Cooper SE

So who knows? Maybe your next car ***will*** be electric!

www.allego.eu

Introducing ‘VESTA’

The Vehicle Energy Station of the future, from Ledbury Welding

Ledbury Welding & Engineering Ltd (LWE) are leading manufacturers of high quality above ground bunded fuel storage tanks for diesel, petrol, oil and other highly inflammable products.

Since pioneering the Totally Enclosed concept for above ground diesel storage, their services have expanded year-on-year. They have developed a team of experienced engineers, and can now provide a full turnkey package including: Installation works, tank decommissioning & refurbishment, environmental site audits (PPG2) plus a wide range of bunded tanks for hire.

Our industry is facing many challenges and the creation of alternative fuels, as well as the development of new methods of vehicle propulsion, has dictated that to survive and prosper; the car industry must follow government policy, by delivering new production models for the mass market.

VESTA – FOR THE FUTURE

Looking at the future of the industry, are we able to confidently predict that the current blueprint for PFS design will meet the needs of the customers in the medium to long term? Continuing to follow this model may result in fixed, inflexible installations where the cost of change or decommissioning may not be 30 years + but in the region of 15 years.

Should this be the case, then the solution, is a design that not only meets the need of today’s marketplace, but also has the flexibility to change, adapt and incorporate the need of vehicle propulsion and energy for the future. Having considered this, the PFS of the future may change significantly, and there will be a need to provide flexible, adaptable and cost effective solutions.

At LWE they believe that their Modular Above Ground Units do this, by meeting the needs of the motorist and the developing needs for petrol, diesel, EV and alternative fuels by giving the customer a Vehicle Energy Hub. Hence they have developed, with their strategic partners, VESTA Vehicle Energy Station.

VESTA DELIVERS ON THE FOLLOWING

- Flexible for future vehicle energy needs, driven by environmental change
- Proven design that delivers the requirements for a modern fuelling station
- Ability to integrate future alternative fuels and technology, cost effectively
- The alternative solution that maintains asset value through whole life cycle

www.lweltd.co.uk/tanks/tank/vesta

CNG vehicles increase across Europe

Registrations of natural gas commercial vehicles increased by more than 30% over the past year, according to the European Automobile Manufacturers Association (ACEA).

A total of 14,313 CNG commercial vehicles were registered in Europe over the last year; growth of over 32%

Italy is Europe’s largest market for light-duty vehicles powered by gas. In 2019, 6,293 commercial vehicles were registered, an increase of 27% compared to 2018.

Spain recorded 1,858 registrations, while Belgium came third with 1,281.

France saw 1,147 units sold (an increase of 46% on 2018) just ahead of Sweden (1,081) and Germany (1,003).

The European Automobile Manufacturers’ Association (ACEA) represents the 16 major Europe-based car, van, truck and bus makers.

www.acea.be

Istobal : Fighting Covid-19

Spanish company ISTOBAL is a leader in the design, manufacture and marketing of vehicle wash and car care solutions. Since 1950, the company has brought innovative products for excellent vehicle care to the industry that ensure a positive user experience for consumers.

They have now turned their talents towards manufacturing disinfection arches for the disinfection of PPE and the exterior of vehicles, in the fight against COVID-19

The machinery has been adapted, to provide a chemical application to vehicles via arches, that spray disinfectant onto the PPE of health personnel, security forces and emergency services; quickly and efficiently in 15 seconds.

It also manufactures arches for the external disinfection of vehicles, with an average capacity of about 1,000 disinfected vehicles per day. Its first arches for the disinfection of PPE and the exterior of vehicles are already working in Spain.

The equipment can be installed near main access points, quarantine areas, operating rooms, ICUs etc.

Works in 15 seconds

In just two weeks, Istobal has adapted its chemical application technology on vehicles for the manufacture of arches that can spray disinfectant on the PPE of restrooms and security and emergency departments, quickly and completely in 15 seconds.

With a capacity to disinfect the PPE of more than 4,000 people per day, this arch measures two metres in height and is easy to install, as it incorporates supports that can be comfortably attached to the ground or to any platform. It is made up of eight sprinklers that spray disinfectant, which is automatically activated by a photocell detection system, that activates the sprinklers of the nebulisation system.

Likewise, ISTOBAL is also producing arches for the external disinfection of medical vehicles such as ambulances and fleets of the security forces with an average disinfection capacity of about 1,000 vehicles per day. This system is designed to spray vehicles with biocide and achieves disinfection of large vehicles.

Sanitisation

COVID-19 has made clear the need to reinforce cleaning measures in vehicles in order to increase the safety of drivers and occupants, as well as to prevent the spread of the virus.

ISTOBAL has developed a whole line of equipment, programs and products for the sanitisation, both exterior and interior, of all types of vehicles.

Among its multiple solutions for forecourt operators, the incorporation of sanitisation programs in the M'NEX and M'START rollover range and in its jet wash range, stands out. In addition, and thanks to upgrade kits, it is possible to easily adapt other ranges of car wash equipment to incorporate the sanitisation service.

Interior sanitisation is especially necessary when it comes to vehicles that are used by many different people, as occupants or drivers. For these cases, ISTOBAL has developed products for interior sanitisation, such as an interior sprayer and an ozone system that achieves complete sanitisation of the interior in just eight minutes.

www.istobal.co.uk

PEIMF ANNUAL GENERAL MEETING - ONLINE!

Thursday, January 28th 2021

Full details to follow.

WRENCO PRODUCTS

SERVICE STATION
PRESSURE/VACUUM VALVE

Age Indentifier Band
Each Assembly fully traceable
Flame Arrester BS EN 12874:2001
Anodised Green Body - Cap
Quality Performance

FILL PIPES
VENT COWLS
CHECK VALVES
FILL POINT CAPS
FILL POINT BASES

SERVICE STATION
VAPOUR RECOVERY ADAPTER

Low Profile 200mm including cap
High Flow Rate
Link Retaining Device for cap

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Hytek (GB) Ltd.: 01279 815 600
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PFS Fueltec: 01708 252 960

Wright Engineering

The Wright Engineering Co. (Stratford-on-Avon) Ltd.
Masons Road, Stratford-upon-Avon, Warwickshire CV37 9JA
Sales Tel: 01789 292939 Fax: 01789 297458
Email: sales@wright-eng.co.uk Website: www.wright-eng.co.uk

Need an SPA Petrol Safety Passport?

GSS TRAINING

We run 2-day courses and the 1-day renewals every week at our centres near Manchester and Liverpool.
(We are also happy to train at your facility as well!)

(At our centres there is lots of free parking and lunch/ refreshments are included.)

For a full course list, locations and prices go to: http://gsstraining.co.uk/course/petrol-training/

Contact us:
0161 926 9510 enquiries@gsstraining.co.uk www.gsstraining.co.uk

Market leading leak detection solutions
From Adler and Allan

Environmental risk reduction specialist, PEIMF member Adler and Allan has extended its leak detection capability, by offering Leighton O'Brien's Automatic Tank Gauge (ATG), Alarm Management solution (AMS) and Wetstock Live fuel management software to the UK petroleum industry.

Aimed at commercial or industrial operators with onsite fuel systems for fleet or critical infrastructure, the AMS system provides remote, live 24/7 monitoring of inventory data, water levels, ATG alarms and compliance status via a web portal. Real-time monitoring of the ATG can reduce the potential for fuel stock outs, product contamination, theft and leaks, which can impact fleet and equipment uptime and severely disrupt operations.

Real time visibility

Wetstock Live provides real time visibility of all aspects of a petroleum retail network including: ATG accuracy and functionality, pump flow rates, delivery validation, wetstock replenishment, water ingress and other alarms. It is independently certified as the most accurate wetstock management solution to detect leaks and losses of 9 litres per day (with a leak detection threshold of 4.5 litres per day).

Wetstock Live is aimed at fuel retail networks, hypermarkets and dealers, and operates with any brand of ATG, pumps, forecourt controllers and POS systems; giving an independent view of any network.

Andrew Clarke, Director, Forecourt, said:

"With these products, we're able to bring a global technology leader, providing best in class environmental compliance and wetstock management solutions, to the petroleum industry. Leighton O'Brien complements our enhanced range of services and solutions and aligns with our focus on technology innovation and the highest levels of customer service and safety."

Leighton O'Brien is a global market leader in precision testing, wetstock management and fuel restoration technologies. Its expertise enables customers to achieve the tightest storage systems, lowest fuel losses and most accurate wetstock management. Customers also benefit from optimal pump speed, more precise re-strapping of gauges, the highest compliance and cleanest fuel.

The news follows the announcement of a new licensed service partnership to deliver Leighton O'Brien's proprietary EPA-certified precision tank and line testing technology in the UK.

Adler and Allan provide market leading environmental risk reduction through preventative and responsive solutions, offering an expert 24-7 service. Adler and Allan give its customers peace of mind in detecting and identifying the environmental risks posed to their business.

Its broad range of risk mitigation products and services keep businesses strong, reducing the prospect of litigation, costly fines and bad publicity, as well as reducing the threat to the environment.

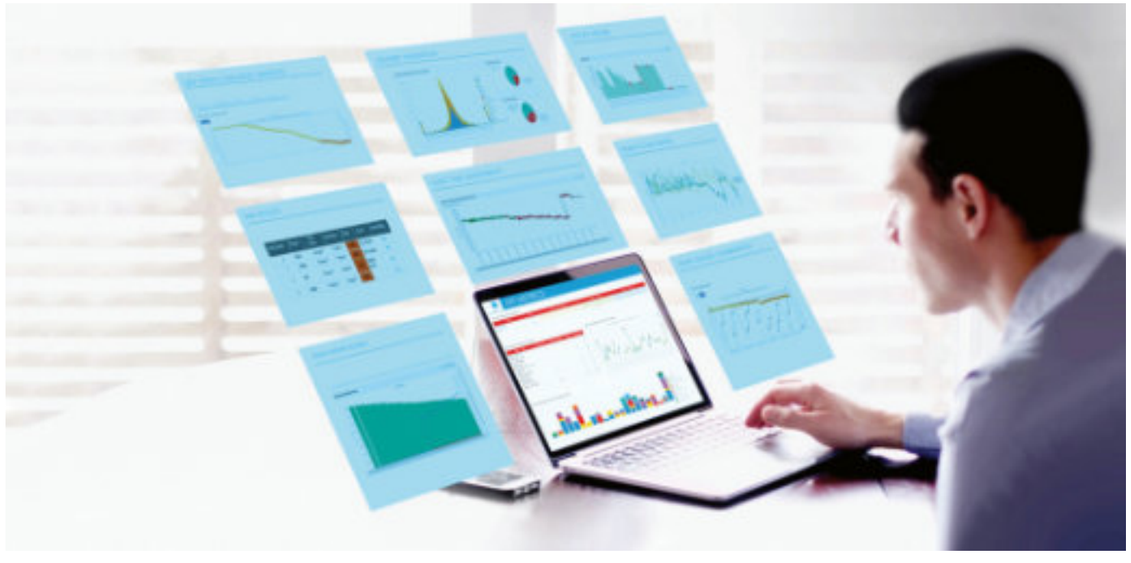
Emergency response

In a world where the environment and legislation are in constant flux, Adler and Allan also provides emergency response in a variety of settings. Customers include multinational blue-chip organisations across a wide range of sectors - both private and public including defence, utility, marine, fuel, forecourt and facilities management.

Key facts:

- Over 20 depots across the UK
- UK's largest response group with over 500 trained operating staff
- Attended over 10,000 emergency pollution callouts each year for the last five years
- 250+ UK organisations have emergency response contracts with Adler and Allan
- Maintain over 100 million litres of fuel at client facilities annually
- Completed 32,500 onsite tasks for clients during the last five years

www.adlerandallan.co.uk



Reliabilty, innovation, top quality service

PEIMF member AIR-serv share their working philosophies; ensuring the highest quality in everything they do, which has led to their continued growth.

It's not rocket science – just damn good practice.

AIR-serv provides forecourt operators with the benefit of hassle-free revenue share and rental programmes across its range of industry leading air, vac and jet wash machines.

The company has been part of the UK forecourt industry for nearly 35 years, and in this time has formed long-standing relationships with oil companies, hypermarkets and independent forecourt operators. The AIR-serv "Customers for life" slogan is a nod to these enduring relationships and partnerships, and in some cases we now deal with the grandchildren of our original customers!

Home built reliability

Our customers trust AIR-serv to provide well engineered and reliable machines, and for us to support them with a nationwide team of service engineers. It's through consistently delivering on this that AIR-serv has grown into the industry's preferred air and valeting leader it is today.

All air, vac and jet wash machines are manufactured at AIR-serv's production facility in Ashton-in-Makerfield, near Wigan, where we regularly welcome visits from customers old and new.

Machines are installed, maintained and secured at no cost to the forecourt operator. Revenue share and rental partners are never subjected to expensive callout charges, labour and replacement parts. We cover these in the deal; leaving you to focus on the profit. In some cases, we even cover the cost of wash chemicals, screen wash and machine fragrances!

AIR-serv understand the importance of keeping machines vending – a machine that is out of action is a machine not generating revenue. Our machines are manufactured using "best of class" components to ensure maximum 'up-time'. The revenue share and rental approach allows AIR-serv to focus on preventative maintenance rather than responsive maintenance, very similar to servicing a vehicle to prevent breakdowns. This is exactly why our customers trust us with their valeting estates.

A solution for every business

Whether it's cash vending, contactless payment or loyalty vending, AIR-serv have the solution to fit your business and manage it for you. This is exactly why AIR-serv is trusted by oil companies, hypermarkets and independent forecourt operators to securely collect and process their air and valeting revenues.

We have partnered with the vending industry's market leader in contactless payment solutions, to offer a bespoke contactless payment option to our revenue share and rental customers. The AIR-serv solution allows customers to increase revenues by adding contactless payment terminals to air, vac and jet wash machines, which can offer payment and loyalty vending.

There are currently over 2,500 AIR-serv machines fitted with contactless payment in the UK, and this will increase to in excess of 5,000 in our network by the end of 2021; very quickly becoming the number one valeting supplier for contactless payment solutions.

Continued on p34

AIR SERV
'CUSTOMERS FOR LIFE'
Turtle wax PRO
POWERED BY TURTLE WAX PRO®

IMPROVE YOUR FORECOURT WITH A REVENUE SHARE AIR & SCREEN WASH MACHINE FROM AIR-SERV

The UK's favourite forecourt vending machines

A brand new Revenue Share Air & Screen wash machine will attract customers to your forecourt and generate increased sales.

Improve your Air offering with AIR-serv:

- New equipment
- Turtle Wax branded Screen wash
- Cash and Contactless payment*
- Industry leading support and service

*Contactless and Cash operated Air machines offer convenience to your customers and increase revenue.

Please contact AIR-serv to discuss your bespoke requirements

Redgate Road, South Lancashire Industrial Estate, Ashton-in-Makerfield, WN4 8DT
+44 1942 722 333 sales@air-serv.co.uk www.air-serv.co.uk

Innovation is an important part of keeping ahead of the competition and securing our place as the industry's number one ancillary forecourt equipment provider. The AIR-serv technical team are working on a portfolio of new products to ensure that forecourt revenues can continue to grow, and we look forward to sharing these in the very near future.

Great service cover

AIR-serv has over 65 field-based team members working to ensure the smooth running of our customers' valeting estates; including service engineers, chemical top-up teams, and other important team members who ensure machines are kept serviceable and vending. All field based team members hold valid UKPIA passports and treat health and safety as their number one priority.

Health & safety priority

As an ISO accredited business, we continually review health and safety policies to ensure best practice.
This continual development has allowed us to score top marks in independent evaluations by our customers; something we are incredibly proud of.

AIR-serv hold the following impressive accreditations: ISO9001, ISO14001 and ISO45001, as well as being Safe Contractor, Avetta and Altius approved contractors.

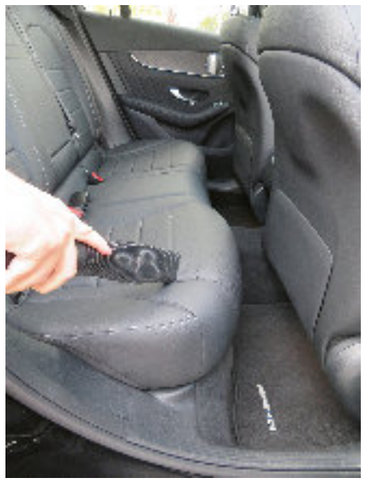
The current COVID19 health pandemic has seen new working practises introduced, in order to best support customers and our field-based teams. These have included the early introduction of hand sanitisers, new signing-in processes, and the use of additional PPE.

For example; all field based engineers now carry disinfectant to clean down machines prior to them starting work. This offers protection to our team member as well as customers who may use the machines.

AIR-serv has also introduced a company wide Daily Wellness Form which includes a track and trace function, with every emphasis on keeping both our own personnel and the end user customer safe.

Our Engineers worked throughout the height of the pandemic keeping revenues flowing for site operators, who remained open as an essential service, and our company supported those businesses that found things so difficult, they had to close for a few months.

We shall certainly be addressing the challenges of the future; but during this current very challenging time, our staff have been exemplary throughout and, when it mattered, proved their commitment to our business and the industry in general.



AIR SERV
'CUSTOMERS FOR LIFE'

Turtle wax PRO

POWERED BY TURTLE WAX PRO®

MAXIMISE YOUR REVENUES WITH AIR-SERV

With the Wash season just around the corner, why not consider a Revenue Share Jet wash or Vac from the UK's market leader?

AIR-serv Jet Wash offers:

- Reliability as the UK's favourite Jet wash
- Cash and Contactless payment
- Intuitively designed operation for customer ease
- Outstanding finish with Turtle Wax chemicals

AIR-serv Vac & Fresh offers:

- Vac and Fragrance vend options
- Cash and Contactless payment
- Boom arm option
- Industry leading support and service

*Contactless and Cash operated Vac and Jet washes offer convenience to your customers and increase revenue.

Please contact AIR-serv to discuss your bespoke requirements

Redgate Road, South Lancashire Industrial Estate, Ashton-in-Makerfield, WN4 8DT
+44 1942 722 333 sales@air-serv.co.uk www.air-serv.co.uk

A strong brand sells a product

TSG Wash UK prove this with Kärcher partnership

Given a choice of any product, a strong brand is no doubt one of the first features you would consider; this is exactly why TSG Wash chose Kärcher as a partner; an established leading brand in the car-wash industry, in terms of both quality and efficiency. Here, they share their good news.

Kärcher CWB3 Klean!Star

Dramatic shift

We are seeing a dramatic shift towards our offering; and not just because the brand is strong. It also offers more than your regular car-wash solutions; great results, an increase in carwash sales and customer satisfaction - demonstrated by customers returning again and again!

There are many great things about Kärcher products, but the choice it provides customers is what really makes it stand out from the crowd; and TSG can provide you with a solution to suit your needs.

For example, if space is a problem for your forecourt, Kärcher offers the ultimate space-saving solution with the Kärcher SB MC 2 self-service jet wash. Alternatively, if you have plenty of space to work with then the Kärcher CWB3 Klean!Star-iQ or Kärcher CB rollover carwash is for you.

No matter the requirement, Kärcher guarantees a solution with one ultimate aim – a profit!

Michael Owen from Station Garage on the Isle of Man could not believe the results after TSG Wash UK installed a Kärcher CWB3 Klean!Star iQ. He explained;

Kärcher CWB3 Klean!Star-iQ

"Revenue increased and the quality was excellent".

Self-service vac

To complete your carwash and valet package TSG can also offer and install the latest Kärcher self-service vacuum cleaner SB VC.

TSG was very impressed with the design of the Kärcher vacuum cleaner,

its unbeatable suction made possible by its auto filter cleaning system. The hose recovery, with a fibreglass pole, minimises contact with the ground; and the optimised ergonomically design suction nozzle fits comfortably in your hand.

What will be guaranteed when you invest in a strong brand like Kärcher is its ability to keep your forecourt fresh and popular!

Who we are:

TSG Wash UK
TSG UK Solutions Ltd is the leading equipment and service supplier to the fuel retail and commercial fleet industry.

In exclusive partnership with Kärcher, TSG offer market-leading and professional car cleaning solutions, systems and maintenance services. Our Kärcher tailor-made, self-service car wash systems can be easily customised to meet your requirements, your customers' needs, and you also benefit from our expert maintenance and service solutions to keep your business running smoothly.

Contact TSG UK today and we can talk through your options for the ultimate car wash and valet solution for your forecourt.

Email: enquiries.uk@tsg-solutions.com

To find out more about TSG Wash and the full range of Kärcher products visit our website: www.tsg-solutions.com/uk/tsg-wash/

Contactless – the here and now!

PEIMF member Scotia forecourt services looks at developments in methods of payment for valeting services.

Self-service forecourt valeting equipment continues to be a fantastic way of optimising the full potential of the space on your forecourt, and many aspects have changed over the years.

Displays have grown larger and clearer.

Branding has become brighter and more elaborate.

Payment: Cash operation has its advantages, but is always open to crime. You can take precautions of course (additional locks, a more secure safe, CCTV, additional lighting or signage insisting that no money is held in the machine). Unfortunately, as well as potentially losing cash, theft, can leave you with thousands or pounds worth of repairs or, in some cases, irreparable damage to your equipment.

So what are your options?
Options include code access and/or token operation. Both have advantages and disadvantages. Code access technology is tidy but can be expensive. Tokens, on the surface, are an ideal solution. They avoid the security issue but can be slow and put customers off.

Contactless technology
Contactless technology has become rapidly more popular, with the introduction of not only contactless payments on debit and credit cards, but now on mobile devices. The simplicity and convenience of this is liberating for many people.

What does it mean for your business?
Less cash in your customers' pockets could mean less income into your cash operated machines. Either a customer may just put

less money into your machine, as they can tend to just put in what they have in their pocket, or if they have no cash they may just not bother at all.

Therefore, for optimal convenience we have now introduced contactless payment terminals as an option on our self-service jet wash and vacuums and air towers.

In high crime areas, the option of running your jet wash solely on contactless technology is now available. As a way of capitalising on situations where customers may not have enough cash for a full and thorough wash, the option of running a jet wash on a cash operation, in tandem with contactless payment, is now available too.

Your site should be whatever you want it to be, in every way possible. From canopies to pumps, to what you sell in your shop; your self-service valeting equipment should be no different. Have them built from scratch and tailored to your individual needs.

Modernising your equipment, to keep up with the current market trends, could help assure that you're continuing to attain the full potential of your site - for many years to come.

www.scotiaforecourt.com

SCOTIA
forecourt services

A complete range of options from Istobal

ISTOBAL UK offers a wide range of options to make it easier for customers to start up or improve their car wash facilities, in the most convenient way for their business.

Rental
Cost per wash
Capital purchase
Revenue share and lease purchase

In recent years, the revenue share formula has shown tremendous growth. Within this model, ISTOBAL UK includes the necessary car wash equipment for a complete site.

This includes: automatic car wash, single bay jet wash, vacuum cleaner and air and water equipment, plus delivery and installation, technical service, maintenance cover and the supply of top quality ISTOBAL esens ® chemicals.

Contactless payment

ISTOBAL is providing contactless technology to all its customers.
The long-standing experience of the company enables the implementation of a contactless payment method in any type of installation.

A pioneering smart technology for wash installations; currently redefining the vehicle wash and care sector. Fully connected and based on IoT and Big Data, this new generation of high-tech wash facilities is designed to increase profitability and improve the user experience, thanks to a mobile app.

The system displays all the relevant figures and information on accounting data, condition of the site and user behaviour, via a control panel, which can be accessed online and in real time on any device.

Smartwash digital management system allows customers to plan promotions, evaluate breakdowns and services, visualise revenues by program and trends and much more.

Digitalisation ensures optimum performance by reducing waiting times between washes, and offering customised promotions for consumers to boost loyalty.

The ISTOBAL App lets customers pay for different wash services and activate machines without having to get out of the car.

By connecting all the wash equipment (automatic car wash, jet wash and vacuum areas) this solution enables the installation to be managed digitally; helping increase and monitor the profitability of the car wash facility.

Smartwash technology also gathers and offers technical data on the condition of the machinery and consumables with just one click. An advanced remote-control software system allows the ISTOBAL technical service to remotely solve incidents and guarantee maximum operational time.

Product range

ISTOBAL UK provides integral care for all kinds of vehicles. The product range covers all the requirements for washing the interior and exterior of vehicles for the forecourt, car dealer or transport sectors.

- **Automatic car wash machines:** maximum flexibility, variety and top performance.
- **Jet wash:** the latest technology in high-pressure self-service wash and a wide range of accessories.
- **Commercial vehicle:** robust design and reliable mechanics, our equipment guarantees the efficient wash of any fleet of commercial vehicles such as trucks, buses, trains, trams and metros.
- **Accessories:** vacuum cleaners, sprayers, tyre pumps and gauges, mat cleaners... A complete range of products.
- **Chemical products:** Our own line of biodegradable highly effective chemicals that meet client needs and guarantee an impeccable finish.
- **Water treatment:** treatment and recycling systems to have the best water for each wash with the lowest environmental impact.
- **Payment terminals:** technologically advanced systems equipped with the latest payment methods: contactless, mobile payment.
- **Enclosures:** designed to complete and protect the car wash facility with simple and flexible structures and state-of-the-art materials.

All this, plus a complete service customisation for the car wash business: commercial advice, maintenance and technical service, chemical product service and top up, technological services, marketing advice and parts service.

www.istobal.co.uk

CompEx electrical works with A&G

PEIMF member A&G Group share their working experience during lockdown.

Lockdown started at around one of the busiest times of year for us at A&G. We're lucky to hold the contracts we do, which enable us to have Key Worker status, meaning we could continue to provide for essential services. As so many others have experienced too, it meant getting our own new processes in place and, training completed, to enable us to work safely within the new government guidelines.

One of the first projects we worked on when those extra precautions came in was a full installation and decommission. We were grateful to the client, and particularly the site operators, that they had their own robust measures in place. This made it simple for us to implement ours too; a welcome synergy early on in the new way of working.

Their old tank needed replacing and, in speaking with the client, it became apparent that it was not in the best location on the site for manoeuvring vehicles. We re-designed the layout with the client to create better access to the fuel installation and to leave more space for other vehicles entering and exiting the site.

No downtime

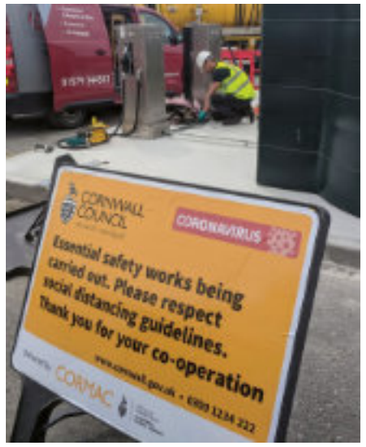
This was also beneficial for ensuring there was no downtime, as we could work on the installation while the old tank was still in operation. We could then go on to decommission it once the new equipment was ready to use.

The job was a full installation and decommission: new tank base, tanks, pumps, gauges, alarms, fuel management system plus electrical supply for all of those.

One of our CompEx electricians headed the project, getting power to the tank pad and installing a sub main and isolator switch before wiring the tanks, pumps, tank accessories and fuel management system. He also made provisions for future tank installations, which has already been useful for the subsequent order of an AdBlue tank and pump.

After the new installation was complete, tested and commissioned, the electrician disconnected the old equipment, and we then decommissioned the tank and disposed of it through licensed facilities.

The Major Works certificate was then created for the client, and the project was used as an example of our work this year to pass our NICEIC annual assessment.



A quote from Cornwall Council;

"I have always found A&G Group to be extremely helpful, knowledgeable and efficient. Their work is exemplary and this project was no different. They completed a day ahead of schedule, to a high standard and with no downtime to our fuel availability.

"I am extremely pleased with how the project went and look forward to our other sites being completed this year."

A&G provide electrical services as well as the installation, decommission, repair and maintenance of fuel equipment.

Call the office on 01579 344503 or email info@aggroupltd.co.uk.

www.aggroupltd.co.uk

A professional service - nationwide

Bristol-based PEIMF member AMGS Electrical Ltd are a well-established electrical contracting company. They undertake a wide range of electrical works nationwide, with a speciality in petrol filling station installations, covering all aspects of modern electrical contracting, including design, installation, maintenance and testing.

AMGS began trading in 2006, and since then have built a well-respected reputation within the industry, as being extremely knowledgeable, skilled, and experienced; with an emphasis on customer service and relations. Whether providing a free quotation, or co-ordinating a full scale design and build project, their attention to detail is always consistent.

Well qualified

All of their employees are qualified in the use of mobile towers (PASMA), mobile elevated platforms (IPAF), and all hold current SPA and CSCS cards.

All electricians hold current 18th edition BS7671 qualifications, and they have NICEIC accredited qualified supervisors, who hold current Comp-ex EX07 and EX08 units with regards to hazardous areas on filling stations. They are NICEIC approved contractors and Hazardous areas approved contractors.

Examples of the variety of their different working environments include army bases, university campuses, schools, coffee shops, garages and showrooms; but their main focus is on petrol filling stations.

They are also involved with a number of major LED lighting manufacturers, so can offer cost effective, and energy efficient lighting schemes, anywhere in the UK.

Forecourt expertise

AMGS look after over a thousand sites nationwide, including the entire MFG estate for maintenance and testing. Many other petrol retailers also benefit from their expertise, such as Rontec, Certas, The Fraser Group, Symonds Forecourts and Falcon Retail to name but a few.

Services

If what you need isn't listed here, simply give them a call to discuss your project and they will be only too happy to help.

- Design
- Installation including domestic, commercial, industrial and forecourts
- Inspection and testing
- Planned and reactive maintenance
- Annual certification for petrol licensing
- LED Lighting
- Automatic lighting control systems
- Audio and PA equipment
- Data and communication systems
- Emergency lighting
- UPS Systems

History

The company was founded by the experienced and well-respected Alan Morris in 2006, who retired recently, after over 40 years in the industry. MD James Alker had come in off the tools 3 years ago, after joining Alan shortly after the company was formed

James says;

"I came into the office with a view to growing the business, and eventually took over last year. From just 4 vans, we have over 20 employees as well as a wide network of specialist sub-contractors, meaning we are able to operate effectively, anywhere in the country.

"Hopefully our name is now one of the most well recognised in the industry when it comes to electrical contracting."

Email: james.alker@amgselectrical.co.uk
Phone: 0117 967 6800

www.amgselectrical.co.uk

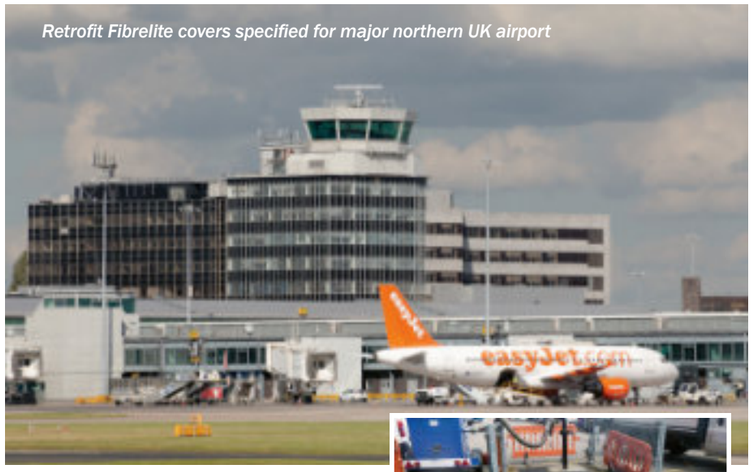
PEIMF ANNUAL GENERAL MEETING - ONLINE!

Thursday, January 28th 2021

Full details to follow.

Major UK airport chooses Fibrelite for safe retrofit replacement for ageing concrete recess covers

Client:	Major northern airport
Industry:	Airports and ports
Location:	Manchester
Product:	Trench covers
Status:	Complete



Retrofit Fibrelite covers specified for major northern UK airport

Project Overview

To meet the demands of an increasing population, this major airport in the north of England is undergoing major redevelopment.

Fibrelite GRP composite covers have been specified for a second installation in this development; a retrofit replacement for previous installed concrete recess covers over sewage systems, making access simpler and safer.

Fibrelite were pleased to play a part in this major project which will see the highest quality of suppliers from every industry leave their mark on this bustling facility.

Problem

The previously installed heavy concrete recess covers were showing signs of severe corrosion, adding to the difficulty and manual handling risks when removing and replacing covers for essential monitoring and maintenance

Key considerations:

- Covers were very heavy, making them time consuming to remove as well as causing health and safety risks.
- Covers presented a trip hazard (especially during hours of poor visibility), as they did not sit flush with the ground surface.
- Visually, these covers were an eyesore and were not in keeping with the aesthetically pleasing finish desired by the client given their recent overall investment.

Previously installed heavy concrete recess covers

Lightweight Fibrelite covers which have a modern rust free finish

Solution

The Fibrelite technical engineering teams created a retrofit composite covering solution

- Covers were manufactured to fit existing frames, cutting installation time and costs.
- Covers were manufactured and delivered within a month of PO.
- The lightweight Fibrelite covers will perform as an effective covering solution, even when subjected to heavy loading pressures, allowing safe removal by hand. Fibrelite covers offer the very best strength to weight ratio available in the market today.
- Previous health and safety trip hazards created by the concrete recess covers were nullified by Fibrelite's 'fit and forget' replacement solution, as the new covers were cut precisely to sit flush from the ground surface.
- A modern finish which will not rust over time.

Results

The airport now has an access solution that will continue to perform for the years to come.

www.opwglobal.com

A&G achieves ISO 9001

Quality Management accreditation

A&G Group has achieved ISO 9001:2015 Quality Management accreditation, an internationally recognised standard, which ensures their products and services meet the needs of their clients; through an effective quality management system.

Managing Director Laurence O'Neill says;

"We were pleased to learn at our initial assessment, that we were already doing many of the things required. To have everything documented, with a clear path for analysis and evaluation of our products and services, will help us continue to improve our offering to our customers.

"I am delighted to have achieved the accreditation and to be able to demonstrate our team's commitment to providing high quality services, strong customer & supplier relationships and a consistently good experience with us."

A&G undertake all fuel and EV charging related services; from installations, decommissions, repairs and PPM - to electrical testing and inspection. They provide a lot of subcontracting cover in the South West for other companies in the industry and are happy to manage whole projects, or to work with your other preferred suppliers.

With a range of skills in their engineering team, including pipefitters and CompEx electricians, they can assist with a variety of jobs; bringing professionalism and experience to any project.

Contact them on 01579 344503, info@aggroupltd.co.uk

www.aggroupltd.co.uk

PEIMF member Forecourt Installation and Maintenance

Our editor apologises for a recent error in Insite, where this long-established and well-respected PEIMF member was temporarily omitted from our directory of members, through no fault of FIM.

PEIMF ANNUAL GENERAL MEETING - ONLINE!

Thursday, January 28th 2021

Full details to follow.

Directory of PEIMF members

A & G Group Ltd
01579 344503
www.aggroupltd.co.uk
Electrical and tank testing, supply installation and servicing of pumps

A & R Pavelin Transport Ltd
01268 270470
Distribution & collection of pumps and forecourt equipment

AbFad Ltd
0191 543 7166
www.abfad.co.uk
Tank linings, leak detection, rope access

Adler & Allan Ltd
01992 657400
www.adlerandallan.co.uk
Tank cleaning & lining, VR testing, fuel polishing, sampling & analysis. Spill response

Aidan Strain Electrical Engineering Ltd
02830 888861
www.aseeltd.com
Electrical & mechanical generator installation contractors

Air Fuel Systems
01268 928827
www.airfuelsystems.com
Systems to preserve aviation fuel

Air-Serv
01942 722333
www.air-serv.co.uk
Air lines, jetwash, vacuums, servicing, chemicals

Allego Charging Ltd
07444 515517
www.allego.eu
Pan European installer of electric vehicle infrastructure, including own network of 14,000+ chargepoints.

Alliance Inspection
01244 952531
www.allianceinspection.co.uk
NDT & asset integrity inspections

AMGS Electrical Ltd
0117 967 6500
www.amgselectrical.co.uk
Electrical contractors specialised in petrol filling stations

Ancorra Environmental Services Ltd
0151 546 3012
www.ancorraenvironmental.co.uk
Forecourt maintenance, tank & vessel cleaning, foam injection

Andel Ltd
01484 845000
www.andel.co.uk
Pollution control, tank & fuel maintenance

Andrew Simpson Electrical Services
01772 616826
www.andrewsimpsonelectrical.co.uk
Electrical contracting, maintenance on hazardous areas

Arnold Diggle & Co
01229 582769
www.arnolddiggleandco.co.uk
Tank cleaning, oil depot decommissioning/ demolition & remediation

Baltor Systems
02890 603232
www.baltor.co.uk
Design, supply & installation of fuel equipment

Berrys Technologies Ltd
0121 558 4411
www.berrys.com
MIDAS, OP, USpump spares, pipework, tank lid assembly, forecourt equipment

Broham Forecourt Developments Ltd
www.broham.co.uk
01206 210 455
Specialist principal contractors in retail forecourt & commercial fuel installation

Bulk Meter Services Ltd
01233 740134
www.bms-ltd.com
Supply, install & service bulk meters & registers for fuelling applications

Centaur Fuel Management Ltd
0870 757 6323
www.centauronline.co.uk
Installers of fuel pumps, tanks & fuel management equipment

Centre Tank Services
0121 351 4442
www.centretank.com
Fuel dispensing, storage tank and AdBlue equipment, Piusi products and Husky nozzles

Clarke Construction Services Ltd
01543 361636
www.clarkeconstruction.co.uk
Civils, tank and pipe installation and maintenance, knockdown/rebuild

Commercial Fuel Solutions Ltd
02380 231007
www.commercialfuelsolutions.co.uk
DSEAR specialist in fuel storage & handling systems, bulk metering, management, AdBlue

Cookson & Zinn (PTL) Ltd
01473 825200
www.czltd.com
Above & below ground fuel storage tanks and pressure vessels

County Pumps Ltd
01295 780746
www.countypumps.co.uk
Installation repair and service of fuel systems, pumps & fuel monitoring systems

C P Installations Ltd
01702 544442
www.cp-installations.co.uk
Tank & pipework specialists, electrical services, site maintenance, decommissioning

Craggs Environmental Ltd
0808 1644 570
www.craggsenvironmental.co.uk
Fuel testing, polishing & uplifts; tank cleaning, installation

D & S Forecourt Services
01463 715324
Pumps, tanks, pipes installation & maintenance

DM Petroleum Services Ltd
07836 587291
Pump & pipework installations, line testing

DMCS Ltd
01244 289161
www.dmcslimited.co.uk
Calibration of bulk liquid storage vessels

Dover Fueling Solutions
01695 52175
Fuel management solutions for independent, hypermarket and multinational.

Durapipe UK
01543 279909
www.plxpipe.co.uk
Manufacturer of plastic pipework systems

D R Forecourt Services Ltd
01691 610733
Installation of all equipment on petroleum/dispensing stations

E & S Environmental Services Ltd
01993 852419
www.eandsgroup.co.uk
Tank cleaning & testing, site maintenance, fuel services

EdgePetrol Ltd
0203 865 8689
www.edgepetrol.com
Software start-up providing real-time visibility to petrol retailers

Elaflex Ltd
01992 452950
www.elaflex.com
Forecourt dispenser nozzles & accessories

Equipe Environmental
01744 731462
www.equipeenvironmental.co.uk
Supply, install & test tanks, gauges, covers, pipeworks, pump spares

ETTS
01437 532511
www.etts.co.uk
Electrical installations, maintenance & testing

Eurotank Service Group
0800 311 2149
www.eurotank.eu.com
A group of forecourt engineering service companies

Falcon Fuel (N.I.) Ltd
0151 353 2870
www.fleetsolve.com
Biofuel combined heat & power systems

Fast Fuel Services Ltd
07743 362050
www.fastfuelservices.co.uk
Fuel tank & pump maintenance, installations and service contracts.

Forecourt Installation and Maintenance
028 3885 1491
Pumps & equipment service & installation

Forecourt Solutions Ltd
01278 428833
www.forecourtsolutionsltd.com
Manufacturers of lightweight composite covers and containment products

Franklin Fueling Systems
028 3885 2870
www.franklinfueling.com
Pumps & equipment service & installation

Fuelcare Ltd
01743 360784
www.fuelcare.com
Fuel polishing, testing, sampling experts

Fuelcom
02890 410655
www.fuelcom.com
Install & maintain pumps, pipework, tanks & gauges. Plus risk assessment in Ireland

FuelMii
07917 644599
Fleet mobile refueling service

Fuel Proof Ltd
01524 850685
www.fuelproof.co.uk
Bunded fuel tanks, diesel bowsers

FuelQuip Ltd
0845 838 1048
www.fuelquip.co.uk
Suppliers of fuel management, pumps, tanks, gauges & alarms

Fuellink Systems
01698 841888
www.fuellinksystems.com
Manufacturers of commercial fuel management systems

Gilbarco Veeder-Root
01268 533090
www.gilbarco.com/eu
Pumps, commercial and AdBlue dispensers, gauges, POS, OPT, service & maintenance

Global-MSI
01302 361558
www.global-msi.com
Forecourt structures, canopies & signware installations supply & repair

Greenchem Solutions Ltd
07793 258876
www.greenchem-adblue.com
AdBlue and AdBlue tank manufacturer

GripHero Ltd
01752 875640
www.griphero.com
Design, manufacture and supply dispensers of disposable hand protection on forecourts

GT Forecourt Solutions Ltd
01268 780109
enquiries@gtforecourt.com
Forecourt maintenance, construction, pipework installation

Hazardous Area Technical Training
07484 517059
www.hatt.uk.com
H&S training & advisors, SPA passports, IOSH & confined space training

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Htec Ltd
02380 689200
www.htec.co.uk
Epos, payment & loyalty solutions, back office, head office, installation & maintenance

Hunter Fuel Solutions
07766 807645
Fuel system installation, maintenance and servicing

Hytek (GB) Ltd
01279 815600
www.hytekgb.com
Fuel dispensing & management, lubrication products

Ideal Tanks & Pumps Ltd
01604 843359
admin@idealtanksandpumps.co.uk
Supply, maintenance & installation of tanks, pipes. Tank cleaning & decommissioning

Industrial Services
01334 838793
www.fuelworking.co.uk
Fuel equipment supply service and maintenance

Istobal UK Ltd
01299 826967
www.istobal.co.uk
Install, maintain & repair forecourt valeting equipment

Jackaman Ins Services Ltd
01474 557427
www.jackamaninsurance.co.uk
Specialist insurance services to the petroleum industry

James Blake & Co (Engineers) Ltd
0131 554 1646
www.blakegroup.co.uk
Storage tank manufacturers and steel fabrications

Judvia Construction Service Ltd
01594 826364
www.judviacs.com
Forecourt branding specialists, accident repairs and new companies

J W Hinchliffe (Tanks) Ltd
0113 263 5163
www.jwhtanks.co.uk
Tank cleaning, removal and disposal services

KC Pro Supply
01792 224003
www.kcprosupply.com
LPG installation & maintenance, inspections, calibrations, training and decommissioning on forecourts throughout the UK

Kidderminster Petroleum Services Ltd
01562 861636
www.kidderminsterpetroleumservices.com
Petrol forecourt Installation, maintenance and service

Ledbury Welding & Engineering Ltd
01531 632222
www.lweltd.co.uk
Bunded tank manufacturers, SuperVault modular filling station

Lees Industrial Services Ltd
01508 471600
www.leesindustrialservices.co.uk
Decommissioning, BritFoam & fuel disposal

L.I.S (North Western) Ltd
01942 722244
www.lisgroup.co.uk
Tank cleaning, product transfer, tank removal, interceptor cleaning

LS Forecourts Ltd
07921 392577
www.lsforecourts.co.uk
Pumps, pipes, tanks, gauges, sales, service, installation and repair

Mantec Systems Ltd
0191 280 4015
www.mantecsystems.com
Additives to protect, clean and maintain fuel

M & S Construction Group Ltd
01299 890348
www.mandsconstruction.net
Drainage specialists, groundwork and civil engineering

MDM Services (Cardiff) Ltd
01633 277277
www.mdmservices.co.uk
Installation and maintenance of forecourt and commercial fuel products

Merridale Ltd
01902 870037
www.merridale.co.uk
Fuel management systems for commercial diesel supplies

Merkland Tank
0141 440 6130
www.merklandtank.co.uk
Storage Tank Cleaning and Maintenance Services throughout the UK

Northern Pump Distributors
01924 275318
www.npd.uk.com
Forecourt installations & associated services

Nupi Industrie Italien S.p.A
07736 751161
www.nupigeco.com
“Smartflex” complete multi-layer pipe system

OAMPS Hazardous Industries
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www.ohes.co.uk
Specialist insurers for the petroleum industry

O’Connell Site Services
0151 546 9888
Tank installation, demolition, decommissioning, pump calibration

Octane Holding Group
0113 201 2460
www.octane.uk.com
Pumps, tanks, environmental and technical services

Oil Tank Supplies Ltd
01386 853409
www.oiltanksupplies.com
Fuel storage systems including hire and industrial tanks

O.L.E UK Ltd
01243 267930
www.oleuk.com
Manufacturers of tank gauges, pump controllers, alarms probes and monitors

On The Level
0780 0731489
www.ontheleveluk.co.uk
Installation & service of tank gauges, DCDs and associated equipment

OPW
01756 799773
www.opwglobal.com
Manhole covers, underground enclosures, tank & dispenser sumps

Orbis Tech Ltd
023 8022 7645
www.orbistech.com
Fuel retail software solutions; point of sale, back-office and head-office

Panks Engineers (Castle Hill) Ltd
01603 620294
www.panks.co.uk
Water specialists, dirty water, bore hole drilling, treatment and installations

Pennine Pump & Tank Company
01254 679099
www.penninepump.co.uk
Pumps, fuel management systems, tank, pipe and electrical testing

Petroassist
0131 440 5810
www.petroassist.uk
Fuel dispensers and forecourt technologies

Petrol Sign UK Ltd
01302 346968
www.petrol-signuk.com
Supply & install brand signage, sister company to Global MSI

The Petrol Tank Company Ltd
01283 820213
www.thepetroltankcompany.co.uk
Manufacture small above ground petrol tanks

Petrotec
01442 219733
www.petrotec.uk
Distribution of fuel dispensers, car wash equipment, fleet management systems

PFS fueltec
01376 535260
www.pfsfueltec.com
Specialist suppliers of fuel equipment to contractors owners/operators

Power Post Ltd
0800 085 6746
Petrol pump services and suppliers

Premier Forecourts & Construction
01442 872296
www.premiergroup.org.uk
Supply installation & maintenance of fuel storage and dispensing equipment

Project-A International Ltd
07785 570185
www.project-a.uk
AdBlue consultancy, project management, compliance auditing, process engineering and environmental management

Propel Finance plc
01633 415222
www.propelfinance.co.uk
Specialist asset finance in the forecourt and convenience market

Prime Fuelling Systems Ltd
01492 622664
www.primefuelling.com
Supply installation and maintenance of forecourt equipment

Protego UK Ltd
01543 420660
www.protego.com
Safety valves and tank accessories

Pumptronics Ltd
01692 500640
www.pumptronics.co.uk
Design & manufacture of forecourt and commercial fuel pumps

Pumpwatch Ltd
00353 458 92155
www.pumpwatch.ie
Carbon fibre test measures for checking the accuracy of fuel dispensers

Regenesis UK Ltd
01225 618160
www.regenesis.com/eur
Remediation design and technical support. In situ remediation technologies. Site application and project management

Risbridger
0845 644 2323
www.risbridger.com
Forecourt products to protect the environment and make forecourts safer.

R M Pumps (Cumbria) Ltd
01768 892444
Forecourt maintenance, installation, decommissioning & servicing

Safefill
01782 414526
www.safefill.co.uk
Suppliers of refillable LPG cylinders

Scotia Forecourt Services Ltd
01382 828576
www.scotiaforecourt.com
Manufacturing, refurbishing, and servicing forecourt valeting equipment

SDM Fuel Solutions
023 8063 4746
www.sdm-fuelsolutions.com
Engineering services, fuel sampling, cleaning, uplifts, emergency response

Southern Tank Services Ltd
01722 714514
www.tankservices.co.uk
Domestic & industrial oil tank replacement, removal and general services. Fuel polishing, water services

South Midland Installation Ltd
01296 422039
www.smiltd.com
Design & build tank and pipe installations, pipelines, decommissioning

STA Technical Ltd
0203 004 9326
www.statechnical.com
Bespoke engineering specialists for the forecourt industry

Suresite Group Ltd
01772 790901
www.suresite.co.uk
Providing health and safety (risk assessments and compliance audits) card processing, training & wetstock services

T.P.I (Ireland) Ltd
0771 5207168
www.tpi-ni.co.uk
Pump & tank installations, tank / pipeline testing, decommissioning and maintenance

Tankcare Ltd
01386 842891
www.fuelquality.co.uk
Fuel quality sampling and testing specialists

Tanks & Pipework Ltd
01474 855587
www.fassuk.com
Tank / interceptor cleaning, inspection, relining. Fuel polishing, uplifts, transfers

Tennants Distribution Limited
0161 205 4454
www.tennantsdistribution.com
Chemicals distribution, Adblue manufacturing and distribution.

TLM Group
0845 180 0242
www.tlmtechnologies.co.uk
Critical support services, EPOS & technology solutions

Toureen Retail Ltd
0208 424 7999
www.toureenretail.co.uk
Specialists in PFS construction, fuel systems, fit out maintenance, groundworks and signage.

Transflo Instruments Ltd
0844 257 8181
www.transflo.co.uk
Fleet fuel management systems, including pumps, gauges and software

TSG
01382 361300
www.tsg-solutions.com/uk
Tokheim equipment, Karcher valeting, EV charge stations

The Triscan Group
0845 225 3100
www.triscansystems.com
Onsite commercial fuel management solutions, including tanks, pumps, gauges & software

United Pipework Services Ltd
01922 722737
www.united-pipework-specialists.co.uk
Forecourt construction & pipework services

Vectec Ltd
01296 624548
www.vectec.co.uk
Diesel fuel dispensing, storage & management

Wales & West Services
01446 736900
www.wales-and-west.co.uk
Supply, installation, maintenance of fuel dispensing equipment. Contract service work

Western Global Ltd
01454 227277
www.western-global.com
Manufacturers of static and transportable above ground storage tanks

Westfield Services (UK) Ltd
01924 477324
www.westfieldservicesuk.com
Contractors for pumps, pipework, electrical and building work

Worcester Petroleum Services Ltd
01905 620053
Forecourt, commercial, marine, petroleum installations and servicing

Yara UK Ltd
01472 889250
www.yara.co.uk
Suppliers of the Air1 AdBlue Solutions

No longer PEIMF members:
LCM Environmental

Bespoke Products To Solve Industry Challenges

Here Are Three UK Projects Where Bespoke Products Made A Big Difference

Bespoke Fibrelite tank chambers enable continued use of split tanks for Shell

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