

News and views for the LPG industry in the UK

Source

Spring 2018

uklpg

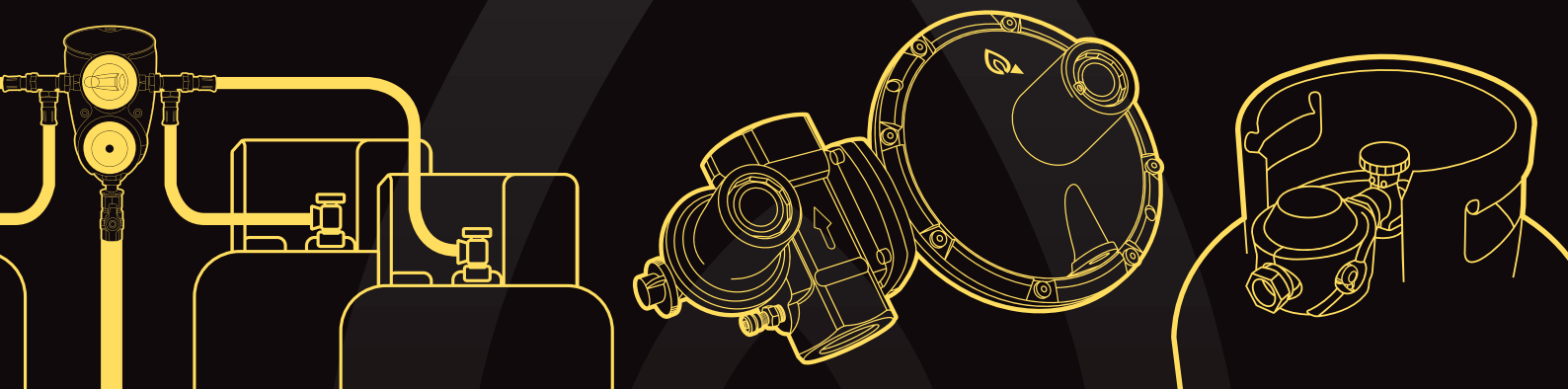
Shaping our future

What does the future
hold for LPG?

Opportunities
abound but is the
industry ready for a
new tomorrow?

In this Issue...

UKLPG conference preview • New UKLPG membership categories
Safe Load Pass update • Periodic Testing of Cylinders • Bleve...and much more



REALISING THE POTENTIAL IN LPG DISTRIBUTION & REGULATION
DIRECT MANUFACTURER RELATIONSHIP & TECHNICAL SUPPORT



Welcome

Welcome to this first edition of Source magazine, the LPG industry magazine designed to offer news and views affecting the sector.

We have launched this magazine at a time when the industry is faced with great opportunity. As Rob Shuttleworth, UKLPG's Chief Executive, talks about in his article on page 17, the launch of the Government's Clean Growth Strategy has given the LPG industry an opportunity to demonstrate to the Government, policy makers and customers that we are a key part of the off-grid energy future. The

programme for UKLPG's [Annual Conference in Leeds](#) on 3rd May (see page 5) has been designed to give delegates a forum to discuss and debate what this opportunity means and how the industry can work together to maximise the potential as well as address the challenges necessary to achieve growth. I hope to see you there.

Please take a look at the advertorial sections which showcase the products and services offered by UKLPG's equipment and services members. A great place to start if you are looking for suppliers that fully understand the industry.

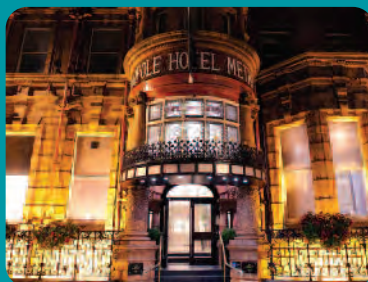
UKLPG has expanded its membership categories to invite a wider range of companies to join the association. If you would like to become a member or can recommend a company that may be interested in membership, please see the article on page 6.

I hope you enjoy the magazine - I'd love to hear your feedback about the new format, please let me know what you think.

Lucy Cook, Editor, Source

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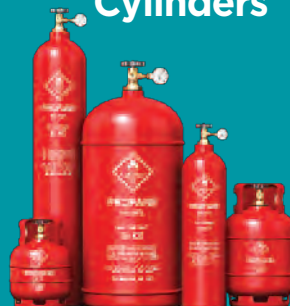
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Shuttleworth signing off



It is, I will confess, quite a shock to be facing retirement. Not just because it is a life stage that we associate with our parents, and it is slightly horrifying reaching it yourself, but also – and I'm sure you will agree – it was first announced so long ago I wondered if we would ever reach the date.

But reach it we will, at the UKLPG conference in Leeds in fact, from where I will head into the mountains of Scotland for a few weeks of contemplation and reorientation! It has been, on many occasions, an all-consuming job and one I've

thoroughly enjoyed but I'm looking forward to having the time and energy to pursue some personal interests of mine. It seems an age ago that the LPGA and ALGED uneasily existed alongside each other and credit must go to Pat Ardis who saw the need to bring the two bodies together under one roof and into one new organisation. UKLPG came into being in early 2007 after senior members of both organisations worked on a unifying constitution and identified the key objectives for this new association.

We've come quite a way from those early days: we have a hugely improved profile with the Government when discussing the future of off-grid energy; we sit on various bodies that ensure the voice of LPG is heard; we have raised the profile of LPG through a jointly-funded digital campaign. And this has come about with a strong, active, supportive Board and a strong team, each member well-qualified for their roles.

Of course not everything has been plain sailing and the industry has had to face up to a number of issues. These have been testing for both the association and the industry but I believe we have come out stronger and shown how we can adapt and work together for the good of our future. And this ability, I believe, will stand us in good stead as we grasp the opportunity to become a more significant part of the off-grid energy landscape. This opportunity – as clichéd as it

sounds – comes with some significant challenges – some within our own control whilst others will need careful nurturing of partners and external bodies. UKLPG is well placed to support the industry in its efforts.

Dates have been set for interviews to find a new UKLPG Chief Executive, and all being well my successor will be announced before or at the conference. I mentioned the UKLPG team above and they will play a key role in helping and supporting the new Chief Exec bed into the job, whilst continuing to deliver the outputs necessary for the growth of this industry. I am sure they can count on your support through this transition period.

So, with the longest farewell in LPG history, I would like to say thank you to all Members for their support over the last 12 years. I hope it's been a job well done. I leave with many happy memories (and you can thank your lucky stars that I'm not going to list them) but also a profound sense that I've had an opportunity that I hadn't envisaged when I joined. I've been here long enough to know that I will miss the industry and those who work in it, but equally very happy that I have many new and exciting challenges and pleasure to look forward to!

Rob Shuttleworth,
UKLPG Chief Executive

On behalf of the board

As I am sure you all know, Rob Shuttleworth, the longstanding Chief Executive of UKLPG will be retiring following the Annual Conference in May. On behalf of the Board, I would like to thank Rob for his 12 years' service at the helm of UKLPG and for his commitment in representing our industry over that time.

Rob has been an exceptional leader of the association and I'm sure I speak on behalf of all members when I express our sincerest gratitude to him for all his contributions to the progression of our industry. In the past 12 years there have been moments of great success coupled with moments of adversity and Rob has steered the industry admirably through them all.

We will be saying thank you to Rob formally at the conference and therefore I would invite you all to come along and wish him well (please see page 5 for information on the conference).

The Board plans to have appointed Rob's successor by the conference and I hope that I can count on your support to

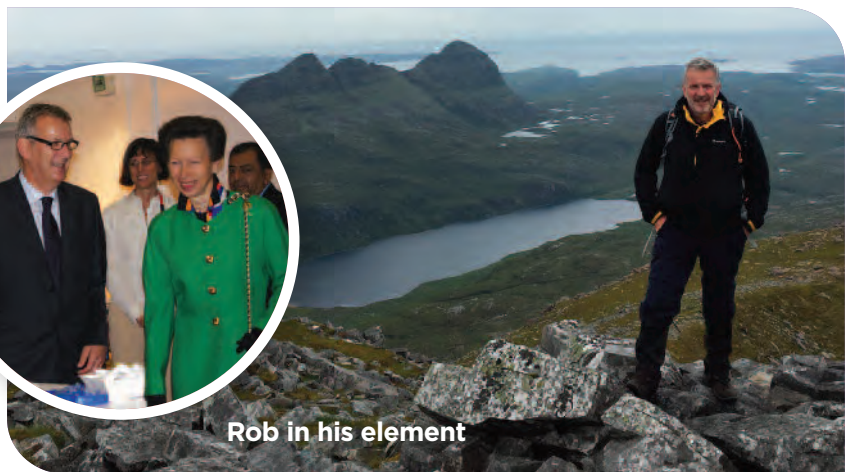
welcome the new Chief Executive and support them in their new role.

On behalf of the Board, the UKLPG team and members, I wish Rob good luck and full success in his future endeavours.

George Webb,
UKLPG Chair



Rob in his element



UKLPG Board Update

With the proposed purchase of Countrywide Farmers by DCC plc, George Webb has stood down from the UKLPG Board as

the representative of regional gas companies. Following an election, Howard Illingworth from Northern



Energy has been nominated to join the Board to represent regional gas companies with immediate effect. The Board has asked George

Webb to stay on as a non-voting member and remain as Chair to steer through the transition to a new Chief Executive and to help develop the industry vision and supporting work plan for UKLPG as the industry considers its future shape.

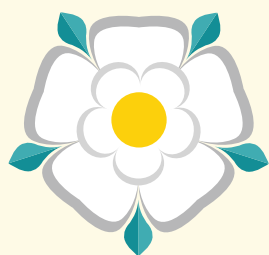


Howard is the second new Board member since the UKLPG AGM alongside Holly Jago from Autogas Ltd who took over from Jane Lindsay-Green as the autogas representative at the end of October. We welcome them both to the Board.

Full Board elections will be held at the end of the year as planned. A full list of Board members and their contact details can be found in the Members' Lounge of the UKLPG website.



UKLPG Annual Conference Shaping Our Future



LEEDS 2018

The UK LPG industry's largest annual event will be held this year in Yorkshire at The Met Hotel in Leeds on Thursday 3rd May 2018.

Opening in the late 1800's The Met Hotel has welcomed guests to Leeds for over a century. Designed by local architects Chorley & Connon, this luxury hotel is renowned for its Victorian terracotta facade and stone cupola taken from the city's demolished 4th White Cloth Hall. Today, The Met is still a much-loved landmark in Leeds' cityscape, blending its original design with contemporary interiors to create a luxury city centre retreat.

Shaping Our Future

This year's conference will focus on the Government's recent

announcement that it intends to phase out the installation of high carbon fossil fuel heating in off gas

grid markets, giving the LPG industry the largest opportunity it has had for decades. The conference programme has been designed to give

delegates a forum to discuss and debate what this opportunity means and how the industry can work together to maximise the potential as well as address the challenges necessary to achieve growth. The strategy required to demonstrate to the Government, policy makers and customers the role LPG can play in delivering a low carbon, off-grid energy will be the key theme across the conference.



UKLPG invites members and industry colleagues to attend the conference in order to participate in the future of our industry.

Following the presentations, delegates will enjoy the UKLPG Gala Dinner which will include welcome drinks, dinner and entertainment.

Partners are welcome to join delegates for the Gala Dinner.

For those delegates that wish to stay overnight before or after the conference, UKLPG has arranged a special rate at The Met Hotel for conference delegates. Please see overleaf for more information.

The cost of attending the conference is as follows:

UKLPG members: £300 + VAT
Non-member rate: £500 + VAT
Partner rate for Gala Dinner: £95 + VAT

To book your place at the conference, please visit the UKLPG website: uklpg.org





PLEASE NOTE: Accommodation is not included in this package and should be booked directly with The Met Hotel on 0113 259 5317 quoting "UKLPG" to receive the preferential rate of £115 per night.

There are a wide range of sponsorship packages available, designed to offer you a range of opportunities to promote your company before, during and after the event. Please contact Lucy Cook for more information

- Gold Sponsor
- Silver Sponsor
- Bronze Sponsor
- Gala Dinner Sponsor (SOLD)
- Refreshments Sponsor
- Exhibitor

Look out for
**#Shaping
 OurFuture**
 on social media

New UKLPG membership categories

In order to give the opportunity to all companies working within the LPG sector

to join the association, UKLPG has expanded its membership categories to invite a wider range of companies to join the association. New categories have been added including membership for companies outside of the UK, large corporates, public sector organisations and gas-safe installers who can now take advantages of the benefits of being a member of UKLPG.

By joining UKLPG, members have the opportunity to shape the future direction of the LPG industry and influence legislation governing the industry, as well as access to full-time technical assistance and a range of other benefits.

Advantages of becoming a member of UKLPG include:

- The opportunity to shape the future direction of the LPG industry
- The ability to influence

legislation governing the industry

- Events including conferences and seminars
- Preferential rates for Codes of Practice, Conferences and Seminars
- Access to full-time technical assistance, employed by UKLPG to serve its members
- Credibility and recognised endorsement
- The opportunity to join any relevant subject Working Group of special interest to members and contribute views and experience
- Access to statistical information relating to the LPG industry
- Use of the logo on letterheads and stationery

If you would like to become a member or can recommend a company that may be interested in membership, please contact Becki Johnson at UKLPG who will be happy to share details of membership.

‘Improving our homes’ is a key Government policy objective aimed at driving property energy performance standards as is identified in the ‘Clean Growth Strategy’ (CGS). The CGS green paper explicitly references using Energy Performance Certificates (EPC) as the mechanism by which improvements in energy efficiency and performance standards will be driven and measured.

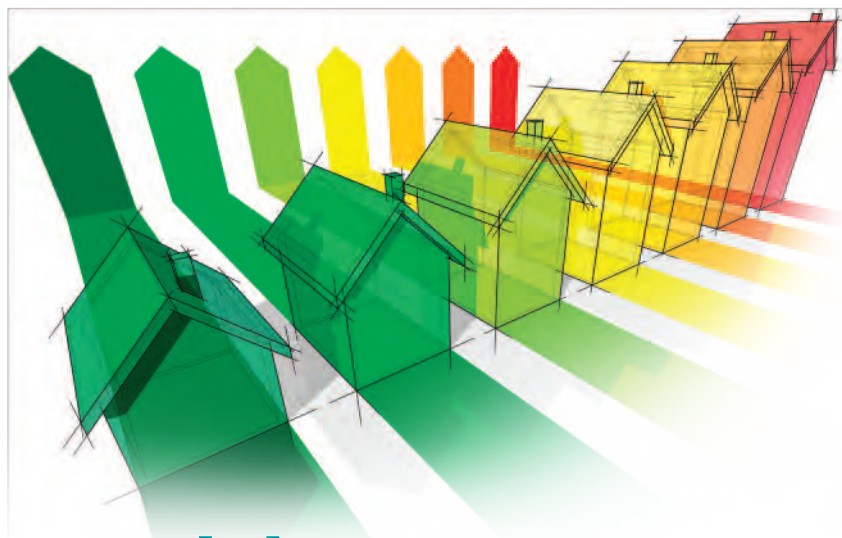
CGS Policies and strategies no. 12 & 13

12. We want all **fuel poor homes to be upgraded to Energy Performance Certificate (EPC) Band C** by 2030 and our aspiration is for **as many homes as possible to be EPC Band C by 2035** where practical, cost-effective and affordable.

13. Develop a long term trajectory to improve the energy performance standards of **privately rented homes**, with the aim of upgrading as many as possible to **EPC Band C by 2030** where practical, cost-effective and affordable

BEIS (Department for Business, Energy and Industrial Strategy) has started to apply this policy in the first instance in the private rented sector (PRS). From April 2018, the PRS minimum energy efficiency standards regulation requires that all landlords of privately rented

‘Improving Our Homes’



Driving property energy performance standards

domestic and non-domestic property in England or Wales must ensure that their properties reach at least an Energy Performance Certificate (EPC) rating of E before granting a new tenancy. These requirements will then apply to all existing private rented tenancies from 1 April 2020 for domestic properties, and from 1 April 2023 for non-domestic properties.

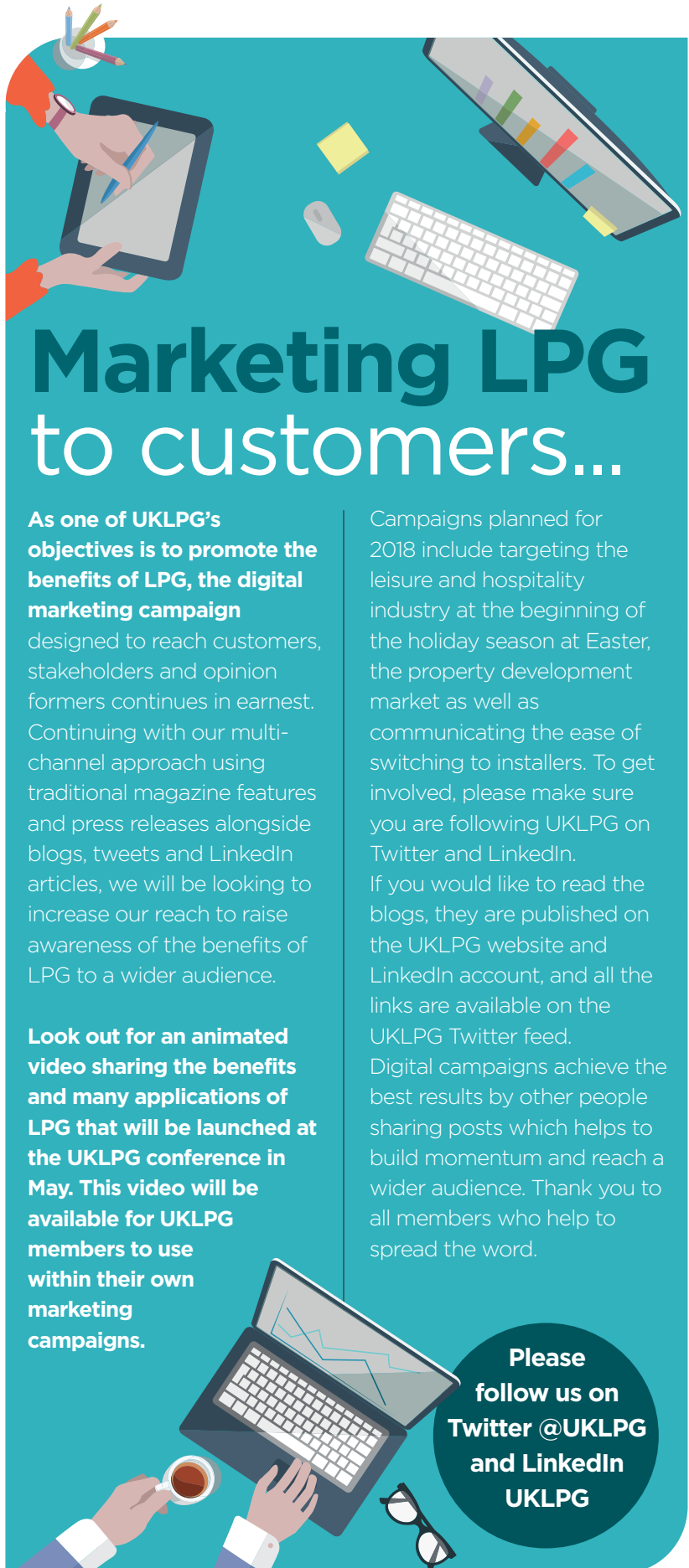
As is detailed in the UKLPG EPC briefing paper November 2017, available to view in the Resources area of the UKLPG

website, the methodology used to calculate EPC includes a value which indicates fuel cost. This causes distortions in EPC ratings between properties that use different fuels. This means that a property's fuel type has more bearing on its EPC rating than its energy efficiency or the quality of its building fabric.

UKLPG will therefore argue that there are several key barriers to the fair and effective implementation of the PRS regulation off-grid;

- **Identical properties situated on and off the grid will receive different EPC ratings.** Due to the way that EPCs are currently calculated, all off-grid landlords are disadvantaged against their grid-connected counterparts in their EPC rating. This means that off-grid landlords will have to spend more money on building improvements to reach the same energy performance standard as those on the grid.
- **Landlords could be mobilised towards higher carbon fuels** as they attempt to improve ratings by using the cheapest fuel available rather than improving building fabric. This 'fabric last' approach not only fails to deliver building standard improvements for tenants, it also directly counters Government's wider decarbonisation objectives.
- **Flawed and unfair off-grid EPCs will devalue off-grid properties** as landlords and potential landlords choose not to invest in rural locations due to the unfair policy penalties.

UKLPG is currently developing a submission to the Domestic Private Rented Sector minimum level of energy efficiency consultation. For more information, or to provide input, please contact Emily Wilson-Gavin.



Marketing LPG to customers...

As one of UKLPG's objectives is to promote the benefits of LPG, the digital marketing campaign designed to reach customers, stakeholders and opinion formers continues in earnest. Continuing with our multi-channel approach using traditional magazine features and press releases alongside blogs, tweets and LinkedIn articles, we will be looking to increase our reach to raise awareness of the benefits of LPG to a wider audience.

Look out for an animated video sharing the benefits of LPG that will be launched at the UKLPG conference in May. This video will be available for UKLPG members to use within their own marketing campaigns.

Campaigns planned for 2018 include targeting the leisure and hospitality industry at the beginning of the holiday season at Easter, the property development market as well as communicating the ease of switching to installers. To get involved, please make sure you are following UKLPG on Twitter and LinkedIn. If you would like to read the blogs, they are published on the UKLPG website and LinkedIn account, and all the links are available on the UKLPG Twitter feed. Digital campaigns achieve the best results by other people sharing posts which helps to build momentum and reach a wider audience. Thank you to all members who help to spread the word.

Please follow us on Twitter @UKLPG and LinkedIn UKLPG



Environment Agency Consultation

UKLPG has responded to the Environment Agency (EA) consultation with some significant points

that were also raised at a recent meeting with the HSE and EA. In response to the EA's question regarding the impact to industry should the rate of EA inspectors increase to £161/hour, UKLPG made it clear that an increase in the rate from another regulator, on top of HSE inspector costs, would add further financial burden with no proportionate benefit in safety.

UKLPG also stated within the consultation response that the industry should not be routinely subjected to external emergency planning exercises at an additional cost of £84 per hour.

Concern about the EA's approach to flood risk at COMAH sites has been expressed by all industries subject to major hazard

intervention. The delay to Flood Major Accident Scenario (FMAS) assessments means that operators still do not know their rating. Ratings range from 1-4 - a rating of 1 is given to sites that are most at risk to flooding, and as a consequence could potentially lead to a major accident. Given that flood interventions commenced in January 2018, UKLPG has requested transitional arrangements to allow sufficient time for operators to prepare once they receive their assessments and rating.

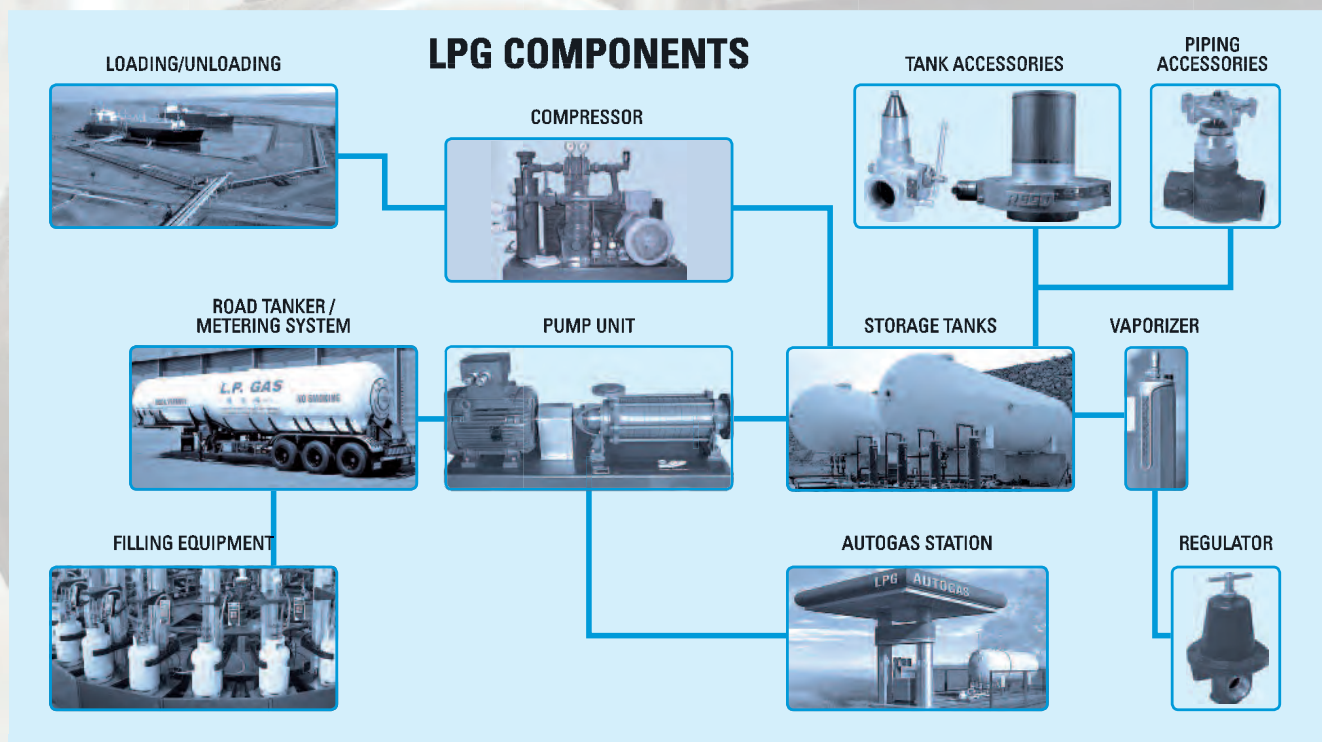
Equally industry has called for the removal of the lowest risk category, FMAS 4. The UKLPG proposal follows the EA principles which state that 'regulation should be based on risk'. COMAH regulation already covers the prevention of Major Accident Hazards, and therefore UKLPG stated that if the EA cannot demonstrate significant flood risk that could

potentially lead to a major accident, then there should be no requirement for an EA intervention. The HSE has also announced that it will keep its hourly rate at £161 per hour, but that some work previously charged to "common good" and so shared between all operators will be charged specifically if that work relates to that site. It is likely - on average - to increase the numbers of hours on site by 2-3%, though as Source goes to press, further details are due from the HSE.

More fundamentally the HSE has moved forward with its Prioritisation Targeting and Strategy system which is designed to measure and record performance levels with the aim of reducing intervention hours for consistently good and excellent performance. UKLPG will be discussing implementation of this with the HSE over the next few months. Look out for an update in the next issue of Source.

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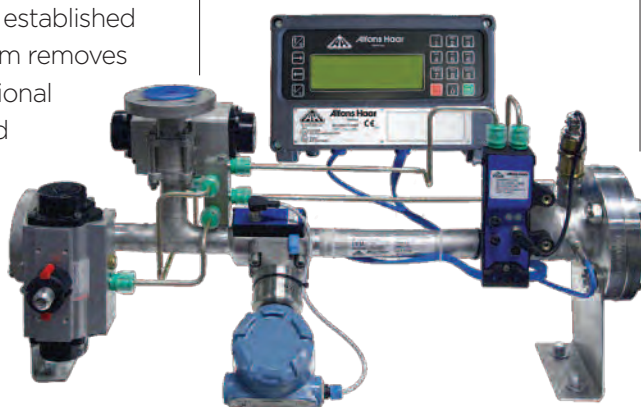
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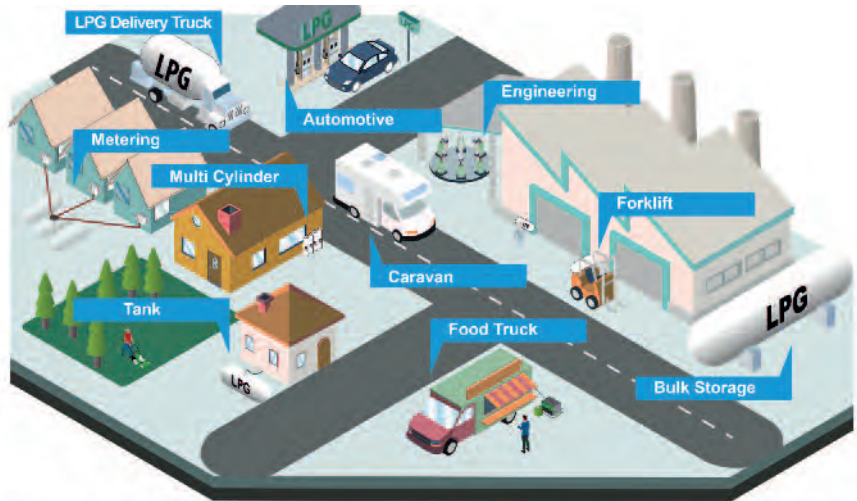


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Robert Cato is the UK and ROI agent and has been involved in the LPG industry for over 30 years.

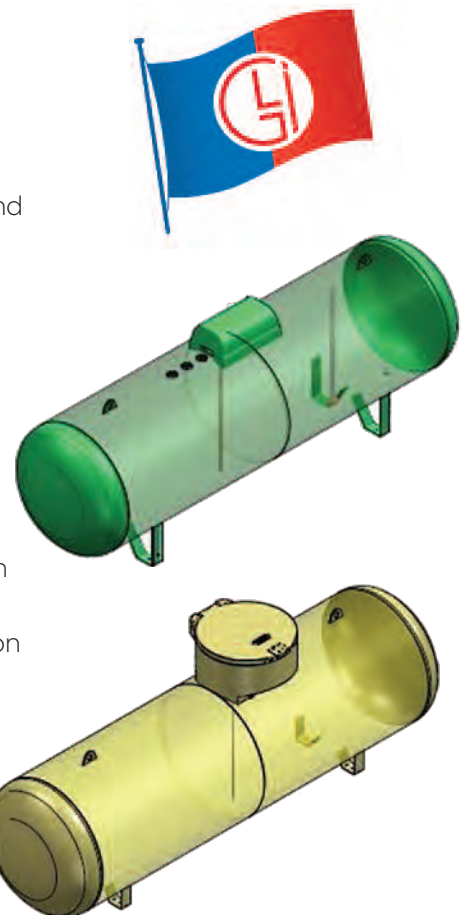
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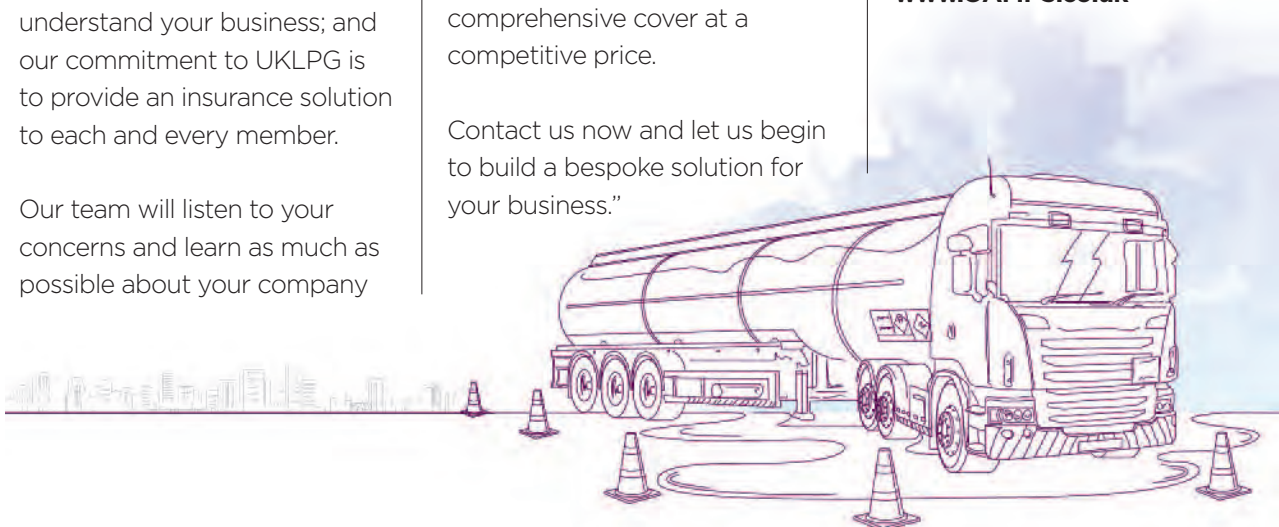
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The launch of the Government's Clean Growth Strategy last autumn, with its explicit aim of removing the highest carbon fossil fuels from the off grid market, has, for the first time in many years, given the LPG industry an opportunity to demonstrate to the Government and policy makers that we can be a key

that LPG is seen as a viable alternative and a key part of the mix. We will face very stiff competition and lobbying from the electricity-based technologies through the renewable lobby so we have to start work now on how we will meet the opportunity presented and the challenges that, no doubt, will come our way.

one such area. How we deal with the constraints presented by the Competition and Market Authority Orders when investment for growth will need to be forthcoming to grow our customer base will be another area. Will we need to review our standards and their consistent application on customer installations to ensure

The Shape of

• • • • By Rob Shuttleworth • • • •

part of the off-grid energy future. This tremendous opportunity for growth is one the industry must seize. This is not simply a case of small scale adaption and change, but taking a fundamental look at ourselves and addressing how we can meet the expectations that the Government and our customers will have of us if we want to be part of the future.

We live in a highly competitive world. Of course the oil industry will seek new products and lobby hard for change to be slowed down - if not abandoned altogether - but if the Government is to reduce carbon outputs from off-grid properties it will need to address the thorny issue of how conventional oil-powered boilers can be replaced. It is incumbent on us to make sure

How we respond will in all likelihood impact on all areas of the LPG business, and on all aspects of the work UKLPG

Clean and low carbon energy is important to many customers, but there is an absolute expectation of affordability with reliable deliveries

does on members' behalf. How we present an industry position that showcases what we can offer the domestic consumer, whilst building on our competitive position in the commercial market, will be

ease of switching and assurances that all installations are up to date and the safest they can be?

At the core of Government policy is that energy supply must be affordable, low carbon, clean and secure. Clean and low carbon energy is important to many customers, but there is an absolute expectation of affordability with reliable deliveries, and to be part of the future we need to ensure our existing and new customers enjoy the best experience they can. This will not be just about developing packages that appeal to existing oil users, but addressing the opportunities presented by new-build rural estates and providing a clean, cost-effective energy for the developers and future residents. Above all we must be

sure that we have the necessary secure supply lines to meet growing demand which will come with the inevitable winter peaks.

The Government will be announcing a Call for Evidence on its Clean Growth Strategy very shortly. We are already fully engaged with BEIS

business sectors, and it may just be that our industry can develop radical new supply and delivery methods to be the industry that seizes this opportunity.

When I joined what was the LPGA in 2006 I could scarcely imagine that 12 years later I would be writing about the

decade. A large part of this work was defending our position, urging Government to focus on energy efficiency and recognise that this industry has a great product to bring short to medium term environmental benefit. As I leave, it is great to be saying farewell to an industry that can shape a strong, positive future for itself.

of our Future

(Department of Business, Energy and Industrial Strategy) in order to understand their needs and communicate the benefits of LPG, and we are ready to respond when the Call is published. What is clear is that the Government is committed to delivering affordable, low carbon, clean, secure energy to UK citizens whether on the grid or off the grid. What is also clear is that we will need to demonstrate a credible path from our current capabilities and fuel supply sources to a future offering renewable gases and energy-efficient technologies.

2050 is a long way off and it would be an unwise person who would predict the nature of energy supply and energy consumption in 30 years' time, but what is clear is that we must show a credible path into the future to have a chance of gaining traction in the present. We have seen "disruptive" technologies and business models appearing in other

opportunity for the LPG industry to grow its customer base. I joined just as the Government of the day published an early energy white paper pushing climate change and energy efficiency up the agenda and this has formed a consistent theme of the work of UKLPG over the last

**We must
show a credible
path into the future
to have a chance of
gaining traction in
the present**

LPG Pumps and LPG Pipework

The safe and efficient transfer of liquids and gases

Orange County UK have supplied and maintained high quality equipment to the UK LPG industry for more than 20 years, including;

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pipework is supplied factory tested and certified for direct burial, installation through ducts or installation above ground (UV stable).

Ebsray Regenerative Turbine LPG pumps - several thousand pumps have been supplied into the UK LPG market. Ebsray pumps are extremely quiet, powerful with very high differential pressures as standard



(typically 14 bar dP) and reliable with only a single stage impeller.

Applications include: Autogas, forklift filling, LPG Depot pumps, truck pumps, aerosol can filling, bottle filling and bulk transfer.

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Pressure Vessel Services has been in the LPG industry for many years. We sell new tanks and we provide a service to refurbish customer owned tanks.

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Established in 2007, Tankertech Ltd specialize in providing services to the LPG Industry within the UK and Channel Islands.

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- LPG Road Tanker repairs.
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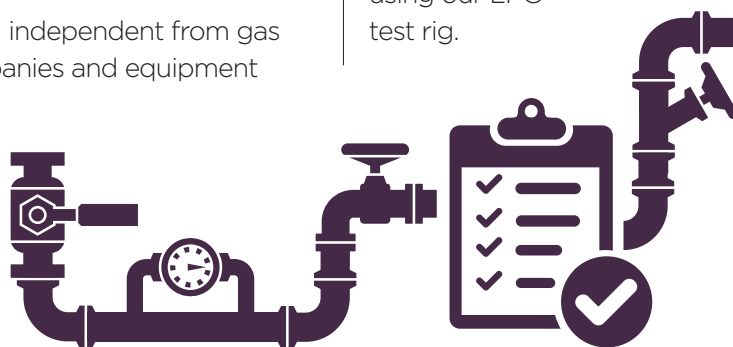
John Wigfull & Co. started trading in 1952 and became a private limited Company during 1962. It is a small family owned and managed Company that carries out a variety of specialist services including pipework installation, inspection, maintenance plus consultancy work that can include being an Expert Witness.

We have a particular expertise with all types and sizes of LPG

installations and liquid fuel/solvent systems. In addition to our installation service we specialise in maintenance, and inspection/assessment of all types of existing systems.

Being independent from gas companies and equipment

suppliers we can give impartial advice and have knowledge of a wide range of equipment. In addition we have invested in modern equipment enabling testing and evaluation both on fixed installations and using our LPG test rig.



Contact: Richard Wigfull Telephone: 01 16 28 62 287 Email: wigfullr@btopenworld.com

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Wilson Gas Services has been trading since 1990, we are members of I.G.E.M. UKLPG and Gas Safe.

We specialise in the design and installation of gas systems for caravan/lodge parks. Most of our work involves upgrading



the units having LPG cylinders to having a continuous supply fed from central storage tanks. We install the gas vessels on behalf of the gas supplier and electro fuse weld the pipework.

Many of our clients include the large corporate holiday park owners such as Bourne Leisure (Haven Holidays), Park Dean, Park Resorts, Park Leisure 2000, The Haulfryn Group and Darwin Escapes (Holidays).

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EnergyLink is Wincanton's flexible, multi-user, bulk fuels transportation solution.

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Codes of Practice Updates



In line with the schedule to review and update identified Codes of Practice, the Codes that will be published by UKLPG in 2018 are as follows:

Q1

CoP 20

(LPG Refueling Facilities) / February

CoP 25

(LPG Central Storage and Distribution Infrastructure for Multiple Consumers) / March

CoP 10

(LPG in Containers Installed

on Mobile Equipment) / April

Q2

CoP 2

(Safe Handling and Transport of LPG in Road Tankers) / September

CoP 22

(Design, Installation and Testing of LPG Piping Systems) / November

CoP 1 pt 3

(Bulk LPG Storage at Fixed Installations. Examination and Inspection) November
Recently published Codes

UN ADR BLEVE

UKLPG attended the European ADR BLEVE working group in February which was chaired by the French government and included representatives from other European states as well as the UK Department for Transport, international organisations and representatives from the gas industry such as AEGPL and the European Industry Gas Association.

The group agreed to carry out further studies on other substances that could result in a BLEVE situation such as ammonia and chlorine, and a lot more emphasis was placed on studying real life accident/fire scenarios.

There was a positive shift in direction for UKLPG as PRV's were considered by all to be a credible solution in the prevention of a BLEVE. The work of UKLPG in relation to the PRV testing programme (see page opposite) was recognised and UKLPG has been asked to share these results

in the autumn. In parallel, the group agreed to carry out further studies on PRV's to establish their effectiveness in the different fire scenarios the group agreed to study. Therefore work on the UK PRV test programme becomes even more significant.

The group agreed that there was much uncertainty with thermal coating technology, and more data and information is required on the properties of the coating material. Therefore France, who were pushing to have thermal coating mandated into ADR, confirmed that the group should move into a neutral position that would consider all options in reducing a BLEVE from occurring.

The group developed and agreed a RID/ADR Informal Paper to define the new working plan as well as terms of reference for the ADR BLEVE Informal Working Group which will be submitted to the RID/ADR Joint Meeting for consideration in March.

BLEVE - Boiling Liquid Expanding Vapour

Explosion, is a type of explosion that occurs when a vessel containing a pressurised liquid is ruptured. When a container is exposed to sustained heat from an external fire the liquid inside is forced to vaporise or boil, resulting in an increase in pressure within the tank.

Richard Hakeem to chair BLEVE working group

The European LPG association, AEGPL, has asked UKLPG's Richard Hakeem to take over the role of chair of the BLEVE pan-European working group which was set up to counter the move to put thermal coating on road tankers. The UK Government, sister trade associations and UKLPG have been strongly resisting this move. This appointment is a reflection of both the UK's involvement and Richard's commitment in fighting this threat, and as such is welcomed.

Code of Practice 20 'Liquid LPG Dispensing Facilities' was published in February and provides comprehensive guidance on LPG refilling facilities for vehicles, plant, machinery, mechanical handling equipment, maintenance equipment and customer refillable vessels, drums or cylinders.

Typical refilling facilities covered by this Code of Practice include:

- installations at sites subject to the Petroleum (Consolidation)

Regulations i.e. petrol filling stations;

- installations designed for retail to the general public, other than petrol filling stations;
- installations designed not for retail to the general public e.g. back to base vehicle fleets;
- installations for site-only vehicles, e.g. fork-lift trucks;
- installations for non-road duty applications for user re-fillable cylinders e.g. hot air balloons, crop burners and white lining

vehicles;

- installations for marine and inland waterways use.

Code of Practice 20 was authored by a number of UKLPG members and benefited from external input from the Civil Aviation Authority, Ministry of Defence, British Association of Balloon Operators, British Balloon and Airship Club.

To purchase Codes of Practice please visit
www.UKLPG.org/resources

Department for Transport/UKLPG Road Tanker PRV Test Programme

We are pleased to report that initial results of the PRV tests that are being carried out by KC

Pro Supply are positive and have been submitted to the DfT. UKLPG would like to remind Gas Supplier members to complete all requested information in section one of the form provided (copies of the form

are available in the technical area of the Members' Lounge on the UKLPG website) - it was apparent that in many cases, tanker mileage had not been completed. UKLPG would also like to remind tanker inspection companies to ensure that the PRV is suitably packaged to fully protect the valve from any potential damage during transit to KC Pro Supply and that valves are returned within one month of being withdrawn from the tanker.

New User Information Sheet 036

New User Information Sheet

036. UKLPG has published guidance on LPG (Liquid) Transfer Procedures using "Check Lock" OLW Valves. This User Information Sheet was prepared following several incidents involving "Check

Lock" OLW valves during onsite liquid transfers which resulted in uncontrolled leakage of LPG and in some instances valve parts being ejected. These incidents raised concerns over the varying designs of OLW

valves, the various opening devices (LOT adaptors) and their location on the vessels. UIS 036 addresses these issues and is available to view or download from the Resources section of the UKLPG website.

Periodic Testing and Inspection of **Cylinders**

Whilst the UK complies fully with the requirements of ADR, some European States have opted to not comply in respect to the internal inspection of cylinders. Consequently, UKLPG has requested from the Department for Transport (DfT) and HSE that the UK moves towards an effective periodic testing and inspection process for UK LPG cylinders, a process that is fully supported by industry.

As a case study, one UKLPG member has demonstrated through their periodic inspection and testing process that routine

hydraulic pressure testing of cylinders in line with the requirements of ADR did not provide an additional level of safety benefit that was proportionate to the level of financial investment required. With the assistance of other UKLPG gas supplier members, a proposal confirming these results developed with input from the HSE has been submitted to the DfT.

If the DfT agrees to UKLPG's proposal it would allow qualifying companies the flexibility to apply enhanced external inspection and internal

inspection and/or targeted hydraulic testing coupled with enhanced post fill checks to those required by EN1439 ensuring that the pressure receptacle integrity is proven either by compliance with ADR/technical code/standard or by other equally effective means.

Within the proposal, HSE has suggested that UKLPG develop a Code of Practice on all aspects of the cylinder testing and inspection process.

The proposal will be followed up at the next UKLPG/DfT meeting.

The results of this exercise may be beneficial to those who wish to take a similar approach – please contact Richard Hakeem for more information.

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**LPG TRANSFER PUMPS - Autogas/ Forklift/
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South Staffs Industries Ltd



South Staffs Industries Ltd repair, refurbish and requalify low pressure propane and butane cylinders, to EN1440:2008+A1:2012 and ammonia, nitrogen and refrigerant gas cylinders to EN1803:2002.

South Staffs Industries are a notified body for the periodic inspection of new transportable pressure receptacles under CDGTPER 2007 Regulation 77 & 79, module 1. – Identification number 1763. (Welded steel cylinders to EN1440:2008+A1:2012 and EN1803:2002).

South Staffs Industries are also an inspection body for the periodic inspection of old transportable pressure receptacles under CDGTPER 2007 Schedule 3, section 5. (Welded steel cylinders to EN1440:2008+A1:2012 and EN1803:2002).

UKLPG members invited to exhibit and attend FPS Expo - April 2018

UKLPG members are invited to exhibit at the FPS EXPO show to be held in Liverpool in April at the same discounted rate as FPS members i.e. 10% discount.

The FPS EXPO, organised by the Federation of Petroleum Suppliers, will be held at the Liverpool Exhibition Centre on 18th - 19th April 2018 with the promise of a global audience and many more new exhibitors - the show is expected to attract more than 1,500 visitors from around the world and over 140 exhibitors from across the oil and fuel industry.

This year the show has been expanded to incorporate the LPG industry and therefore

UKLPG members are invited to exhibit at a discounted rate as well as visit the show itself, which is FREE to attend.

Exhibitors that have already booked include businesses in the manufacturing, distribution, supply and technology sector, in both the UK and across Europe - which means there'll be lots of new products, services and technologies on display.

There is more information on the show website:
www.fpsshow.co.uk.



If you would like more information on exhibiting, please contact Alison Dickson: adickson@communicateco.com

Members of the UKLPG team will be attending the show and look forward to seeing members there whether you are a gas supplier, equipment manufacturer or service provider.

**10% discount
for exhibiting
for UKLPG
members**



Filling of portable LPG cylinders by private individuals or enterprises for their own supply

Switzerland has submitted a paper to the UN ADR Joint Meeting scheduled in March

that relates to the filling of portable LPG cylinders by private individuals or enterprises for their own supply. Through their own market surveillance the Swiss authorities faced safety and legislative questions on the



filling of LPG cylinders by private individuals.

The Swiss authorities want to establish if private individuals and enterprises fall within the exemptions of 1.1.3.1 & 1.1.3.2 of ADR and if so, how different countries regulate this activity in accordance with the requirements of ADR. They are challenging whether

it is possible for this group to fully comply with ADR, and have asked whether the filling of LPG cylinders at petrol stations and other filling facilities should be internationally recognised as being compliant with ADR.

UKLPG has been working with members to develop guidance on this subject and is pleased that the topic is being discussed openly amongst EU states so that the LPG industry can have a legal ruling on this complex issue.

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LPG PUMPS - Transport & Depot Transfer



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For more information or technical advice please contact

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Codes of Practice

UKLPG's Codes of Practice, which provide guidance on best engineering and safety practice, are amongst the most recognised in the world. The Codes cover transportation, storage, installation, operations and utilisation of LPG. They have been developed by experts from within the industry in consultation with the UK Health & Safety Executive and other government authorities.

For more information and to purchase visit
www.uklpg.org/resources/codes-of-practice

Focus on Safety

The topic of security is regularly discussed at the UKLPG technical and safety management meetings and safety data has been collated across the LPG industry since 2013. Due to the changing landscape of external threats, whether by cyber or physical means, in 2017 new categories were added to include security breaches on operational sites as well as issues member companies have encountered during the transport of LPG.

Safety data for the industry is published in the Members' Lounge of the UKLPG website.

Cyber Security

In preparation for the National Information Systems Directive (NIS Directive) which comes into force in May 2018 with the objective to improve cyber security across the EU, the National Cyber Security Centre (NCSC) is developing overall

guidance for those sites that fall within scope and this will be published by the end of March. The HSE has already developed a COMAH delivery guide on cyber security which only focuses on one aspect; Installed Safety Instrumented Systems. There are already contradictions between the two agencies' positions whereby the NIS Directive requires full compliance but the HSE Delivery Guide is based on ALARP (As Low As Reasonably Practicable).

UKLPG is calling for a regulatory framework that will provide a clear structure on the way cyber security is governed. It is highly likely that the HSE will be the nominated agency to carry out the inspections, and if this is agreed their scope of work will need to be extended to cover full compliance of the Directive. UKLPG will keep members updated.

Department for Transport Inspections

In the last 6 months of 2017, the DfT compliance team carried out 87 inspections on sites that have high consequence dangerous goods and reported that 88% of sites were fully compliant.

However the DfT highlighted that there were still deficiencies in some sites' security plans. The compliance team reported that risk assessments were not adequately detailed, transport (journey) risks were not assessed sufficiently, plans were not tested regularly and some had out of date contacts. UKLPG would urge members who are required to have a security plan to review them in accordance with the requirements in ADR 1.10 and test them regularly.



Call for submissions to the WLPGA's Global Technology Conference

The Global Technology Conference (GTC) launched by the World LPG Association (WLPGA) in 2006 is an integral part of the annual World LPG Forum and is the only global conference dedicated to technology and innovation in the LPG industry.

GTC2018 will take place in Houston on 2nd October 2018 during the 31st World LPG Forum and will once again showcase the most innovative and original technological ideas from around the world.

Organisers are now calling for abstracts to be submitted from interested parties.

Although the main focus of GTC2018 is technology,

abstracts are also invited on successful marketing and implementation of these new technologies, new and innovative ways of using LPG, significant improvements of existing applications and appliances or equipment using LPG as fuel.

The selected papers and presenters will enjoy significant benefits including:

- Presentation during GTC2018
- Complete waived access to the World LPG Forum
- Opportunity to compete for the WLPGA Innovation Award

- Publishing on the WLPGA website

- Additional visibility via all WLPGA social media channels

The most outstanding paper from the selection of presentations will receive the prestigious annual WLPGA Innovation Award. With a wealth of additional benefits for the winner, this is an opportunity not to be missed for everyone developing innovative technology in the industry.

For more information or to submit a paper by the deadline of 11th May, please visit the GTC dedicated page on the **worldlpgforum2018.com** website.



Changing the Face of the LPG Industry:

Women in LPG (WINLPG)

According to Energia, an NGO focusing on women's issues in the energy industry, most LPG consumers are women.

Women make and manage the purchasing decision and it is largely women who use the product. However, within the industry itself there are few women, not only at executive level, but at all levels.

WLPGA, the World LPG Association, identified that there is a clear opportunity for the global LPG industry to take medium and long term actions that can address the issue of attracting, retaining and developing women, and young talent in general, in the LPG industry. As the authoritative voice for the global LPG industry, WLPGA is uniquely positioned to develop and implement these actions.

WLPGA launched WINLPG in 2015 and the network's mission is to support and help empower women in the worldwide LPG Industry by leadership, coaching, mentoring and promoting role models. WINLPG aims to bring women, and men, together across all business sectors, ages and levels to discuss and

support the development of diversity within the LPG Industry.

Alison Abbott, WLPGA Communications Director, manages the network and WINLPG is chaired by Paige O'Dell who is Vice President of Operations at AmeriGas in the USA.

WINLPG has three pillars of objective:

- i) To support and retain women already in the industry via a network through which women can further their professional development and access colleagues and mentors.
- ii) To promote role models and case studies via media and at industry events.
- iii) In the longer term, to work with universities to educate and attract women, and young people, to the industry.

The WINLPG team run regular Knowledge Exchange

WLPGA launched WINLPG in 2015 and the network's mission is to support and help empower women in the worldwide LPG Industry

workshops which unite women and enable them to network, learn and exchange their experiences and share best practices. WINLPG

has also developed a library of role model profiles, examples of successful women – and men – in the industry from around the world and continues to add to this suite of interviews. They are all available on the WINLPG section of the WLPGA website (www.wlpga.org).

How do you get involved?

Membership is completely free and the WINLPG team welcomes anyone who is involved in the LPG industry, both men and women. If anyone is interested in joining WINLPG please complete the online membership form at the WINLPG page of www.wlpga.org or contact Alison Abbott (aabbott@wlpga.org). For regular updates, please also follow WINLPG on Twitter @WINLPG and Facebook 'WomeninLPGGlobalNetwork'.



LPG Safe Load Pass Scheme (SLP)



The implementation of the Safe Load Pass Scheme (SLP) is scheduled to occur in Q2 2018.

The associations involved; The UK Petroleum Industry Association (UKPIA), Freight Transport Association (FTA), Tank Storage Association (TSA) and UKLPG intend to finalise the tanker inspection forms and standards which will govern the inspection process and form part of the legal contract during early March.

The Detail

UKPIA has authorised the Freight Transport Association (FTA) to make some adaptations to the administration of the existing SLP scheme to accommodate the inspection of LPG tankers, on the following conditions:

- The existing administration system is used to manage the issuance of all Safe Load Passes. This will avoid the risk of duplicate passes being issued in error.
- The same design of Safe Load Pass is used for LPG tankers as is used for liquid fuel tankers. Inspection Technicians and Terminal Operators will not then need to distinguish between different designs of Safe Load Pass. The type of vehicle to which a pass is issued will be identifiable from the administration database
- The cost of Safe Load Passes is the same for both liquid fuel and LPG tankers.
- There will be no separate arrangement between UKLPG and FTA. UKLPG will

be considered an approved user of the Safe Load Pass Scheme.

- Workshops inspecting both liquid fuel and LPG tankers would receive a combined audit covering both liquid fuel and LPG items.

A Safe Load Pass is valid for six months meaning that tankers need to be inspected twice a year. Separate passes are issued to tractor units and tank trailers. Inspection Technicians will be required to enter details of the Passes they issue to each vehicle into the Scheme's Administration database, using supplied access details and passwords. The administration database would in future include a field for the technician to indicate whether the vehicle or trailer had been inspected to liquid fuel or LPG standards.

BEIS presentation re Clean Growth Strategy aims

Earlier in January, Ruth Richmond, Policy Lead for the 'Future Framework for Heat in Buildings' from the Department for Business, Energy and Industrial Strategy (BEIS)

attended UKLPG's Off-Grid Energy Team (OGET) meeting to present the department's initial thoughts about ways in which they could address their off-grid 'Clean Growth Strategy' policy objectives – specifically how they can start to phase out the use of high carbon fossil fuels (oil and coal) during the 2020s.


A copy of the BEIS presentation which outlines the department's initial considerations as well as the presentation that Jeff House from

Baxi presented outlining BEIS' upcoming policy actions and milestones is available in the Members' Lounge area of the UKLPG website.

Ruth reported that BEIS will be issuing a Call for Evidence in March/April to build their evidence base and develop their thinking regarding the 'Future Framework for Heat' in both domestic and non-domestic buildings off the grid. The presentation identifies topic areas where the team are seeking evidence to help them better understand and mobilise the off-grid energy market. These include; technology options, biopropane, how access to finance


and other non-regulatory options can be utilised as well as regulatory measures that could be implemented. This invitation to engage is a fantastic opportunity for the UK LPG industry to shape the early stages of policy development, therefore all members are urged to read and consider the information in the presentation ahead of the Call for Evidence being issued.

UKLPG would like to thank those members who have already provided input for the association's industry response to the Call for Evidence. If any members would like further information, please contact Emily Wilson-Gavin.



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LPG LIQUID PIPEWORK - Buried or Above Ground



Orange County have supplied equipment to the UK LPG industry for more than 20 years, including:

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Ebsray Regenerative Turbine LPG pumps - more than 2,000 pumps have been supplied into the UK LPG market

For more information or technical advice please contact
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On site installations & Global Conformity Assessments (CE marking)

Following the revision of the Pressure Equipment Directive, UKAS Notified Bodies believe that LPG 'on-site' domestic and commercial installations in their entirety should have Global Conformity Assessment and subsequently be CE marked. UKLPG does not agree with this interpretation and has asked AEGPL, the European LPG Association, to establish the practice in other EU States. If not challenged within Europe, the LPG industry could face unnecessary additional costs with no benefit in safety.

UKLPG will also raise the issue with BEIS (Department for Business, Energy and Industrial Strategy) and the HSE. If necessary, UKLPG will lobby via AEGPL to oppose this practice.

Diary Dates

Apr 2018
May 2018
Oct 2018

UKLPG Board meeting -
28th March

UKLPG Off-Grid Energy Team -
12th April

FPS Expo, Liverpool -
18th - 19th April

UKLPG TSMT -
2nd May

UKLPG Annual Conference, Leeds
3rd May

AEGPL Congress, Monaco -
31st May - 1st June

WLPGA Forum & Exhibition,
Houston -
2nd - 4th Oct

UKLPG AGM -
3rd Oct

News and views for the LPG industry in the UK

Source

We hope you enjoyed this edition of 'Source' from UKLPG. If you would like to advertise please contact **Lucy Cook** lucy.cook@uklpg.org

If you would like any more information on any of the content covered please contact us at:

Email: mail@uklpg.org

Telephone: 01926 513 750

New Members

We would like to welcome the following new full members to UKLPG this year:



Finch Consulting

Engineering Confidence.

Finch Consulting

Full member - Equipment & Services (previously Affiliate Member):

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Robert Cato is the UK and ROI agent for GLI, one of the largest Pressure Vessel manufacturers in Europe

We would also like to welcome a new affiliate member to UKLPG this year:

Fuel Gas Safety Regulator

Defence Safety Authority within the MoD.

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UKLPG Member Listing

Full members

Gas members

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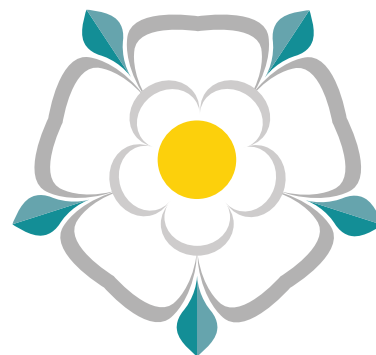
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