



Ask the Experts Bulletin Index

Categories	ISSUE	PAGE	QUESTION	AUTHOR	Column1
Alternative Fuels	Jun-11	62	I have a proposal for an LPG (Autogas) installation for a retail petrol filling station in my area. What additional controls can be placed legally by the Petroleum Licensing Authority?	Brian Baker	
Alternative Fuels	Jun-13	62/	It is traditional installation methods that underground electrical cables are brought together under the forecourt surface into a trench before entering the Sales Building. What type of sealants can be used to prevent flammable petroleum (or Autogas) vapour entering the building?	Gareth Bourhill	
Alternative Fuels	Mar-16	52	I have just purchased a filling station which I still intend to operate. However, it has a semi buried LPG vessel and associated pipework and dispenser. I have no experience of LPG and was wondering if you could inform me of the following: 1) What is the testing regime for LPG vessels and pipework? 2) If I were to mothball the LPG installation how would I go about making the vessel safe so it could possibly be used in the future?	Richard Wigfull	
Alternative Fuels	Jun-11	62	I have received drawings and proposals for a 3 x 1 tonne LPG Installation to be sited on one of my petrol filling stations. What guidance exists for me to check the installation will be safe to operate and where can such guidance be obtained?	Richard Wigfull	
Alternative Fuels	Jun-16	56	I have heard that there is a type of cylinder that can be refilled at the LPG pump on a petrol station forecourt. As a forecourt operator who sells LPG, could you tell me 1) is this safe; 2) do I have to look for a standard that the cylinders are designed to; 3) is it legal, and 4) what are my responsibilities?	Richard Wigfull	
Alternative Fuels	Sep-11	46/	What types of LPG nozzle are acceptable in the UK and do they have to conform to a British or European Standard?	Richard Wigfull	
Alternative Fuels	Jun-12	53	How does a Shear Valve work on an Autogas/LPG Dispenser?	Richard Wigfull	
Alternative Fuels	Sep-12	56	In the Blue Book, page 44 on Autogas, there is a table that refers to separation distances. Do these apply just to a petrol filling station or any installation? Also, what if the storage vessels are installed below ground, do the same distances apply?	Richard Wigfull	
Alternative Fuels	Dec-12	43	I understand that there are several types of LPG nozzles on the market. What are they and does any one particular LPG nozzle have an advantage over another?	Richard Wigfull	
Alternative Fuels	Mar-13	52	In the case of LPG Storage Vessels to be installed on a petrol filling station is there a standard that is applied and what guidance exists that should be followed?	Richard Wigfull	
Alternative Fuels	Jun-13	60	In terms of separation distances, when does it become necessary to have a "Blast Wall" for LPG Installations?	Richard Wigfull	
Alternative Fuels	Jun-13	61	I understand there is a device called an "Excess Flow Valve" fitted to an LPG Installation. Can you explain what this is and how it works?	Richard Wigfull	
Alternative Fuels	Sep-13	64	I have received proposals for a new LPG Installation but cannot seem to find any specifications or standards quoted. Are there any for storage vessels, pipework and dispensers? What should I be looking for?	Richard Wigfull	
Alternative Fuels	Dec-13	78	Where can leaks occur on an LPG Installation, both above, below ground or partially-buried storage installations and what can be done to prevent them in the first place?	Richard Wigfull	
Alternative Fuels	Mar-14	58	As LPG is stored as a liquid but dispensed as a gas, what apparatus can measure how much is dispensed by measurement?	Richard Wigfull	
Alternative Fuels	Mar-14	58	I have taken over a new area as a petroleum officer and know that LPG Installations are covered by DSEAR on retail petrol stations. Can you tell me why some vessel installations are above ground, partially buried and fully below-ground? What factors determine what sort of installations is required?	Richard Wigfull	
Alternative Fuels	Sep-14	56	I am a new Petroleum Officer and have several sites in my area that have LPG. Can you advise me what Guidance or Codes of Practice I should have that I can apply to ensure consistency of application?	Richard Wigfull	
Alternative Fuels	Dec-14	78	In terms of Dispensers for Autogas (LPG), are there fundamental requirements for all dispensers; is there a standard that should be applied?	Richard Wigfull	

Alternative Fuels	Mar-15	59	I have recently taken over as my authority's petroleum officer and I have several sites that have LPG/Autogas. One of them has decided to discontinue selling the installation. What advice should I give on how best to do this?	Richard Wigfull
Alternative Fuels	Jun-15	59	Can you outline what routine examination and maintenance should take place following an LPG Installation at a petrol filling station?	Richard Wigfull
Canopies and Buildings	Jun-12	53	I have inspected a petrol filling station where one of the lights on the underside of the canopy was found not working. Should I insist it is repaired or replaced?	Brian Baker
Containment Systems – Tanks and Pipes	Mar-10	59	A Developer in my area is requesting to surround the new tanks in concrete as a backfill. Is this still allowed in the UK?	Brian Baker
Containment Systems – Tanks and Pipes	Mar-18	71	More just taken over another petrol filling station and one of the new tanks that I have inspected has a pressure gauge installed on the top. It is showing L1 Fuel Alarm - I am taking this to mean that the tank in question might need fuel (it is relatively low in product). Where would I find more information on this product and the alarms that are contained on it?	Brian Humm
Containment Systems – Tanks and Pipes	Sep-10	65 / 66	I understand that there are various tank lining systems. Can you explain which ones there are and in your opinion, what is the best?	Ed Wheeler
Containment Systems – Tanks and Pipes	Dec-17	66	As an owner of a petrol filling station I am concerned that two of my tanks are leaking through my Wetstock records. I would like to carry out a tank test and therefore would like to know if there are any recommendations as to the type of test, length of test etc.	Jamie Thompson
Containment Systems – Tanks and Pipes	Dec-16	52	and try and bring it up to a good standard; to that end I have engaged a local architect who informs me that because he believes there to be high groundwater under the site then I will need to install triple skin tanks. Firstly can I ask if he is correct and would these meet any required standard, and finally is there any way I could find out if there is water under or around my site?	Jamie Thompson
Containment Systems – Tanks and Pipes	Sep-16	50	I know that it has been widely publicised that you are no longer allowed to use liquid leak detection in underground storage tanks but being new to the industry can I ask is it retrospective because I cannot envisage it being easy to remove the existing liquid and furthermore will tank manufacturers that will have "stock" still be allowed to supply liquid interstice filled tanks?	Jamie Thompson
Containment Systems – Tanks and Pipes	Mar-11	47	I understand that double wall steel tanks are coated with an anti corrosion resin but is there set thickness of this resin type material?	Jamie Thompson
Containment Systems – Tanks and Pipes	Sep-11	48	I am aware that the thickness of a standard steel tank wall is 6mm and over a period of time corrosion takes place that reduces this thickness. At what stage would the tank be considered for a lining system to be installed?	Jamie Thompson
Containment Systems – Tanks and Pipes	Jun-12	52	I have heard that there is a tank on the market that can be used underground known as a "Composite" Tank. I have heard that this provides the best solution against corrosion. What is a "Composite Tank" and how come we do not hear of more of these types of underground tanks?	Jamie Thompson
Containment Systems – Tanks and Pipes	Sep-12	58	What types of pipework are acceptable now and what is no longer used?	Jamie Thompson
Containment Systems – Tanks and Pipes	Dec-12	40/41	I have received an application from a supermarket to install a very large underground tank of 120,000 litres which is outside the scope of BS EN 12285-1. The "Blue Book" states that we should use this standard as it really confirms that the tank has been built to a recognised standard and is safe to use. What advice can you provide me with?	Jamie Thompson
Containment Systems – Tanks and Pipes	Mar-13	53	I am a new petroleum inspector and wish to know what types of pipework are acceptable in this country. Do they have to meet any particular specification or standard and on installing, should I attend the site and witness any testing before the lines are covered over?	Jamie Thompson
Containment Systems – Tanks and Pipes	Sep-13	65/66	I have heard the term "Baffle" in relation to tanks used recently. What is it?	Jamie Thompson
Containment Systems – Tanks and Pipes	Dec-13	79	A site is looking to refurbish and replace its steel pipework with steel again. Is this acceptable?	Jamie Thompson
Containment Systems – Tanks and Pipes	Mar-15	60	What are the essential requirements for containment systems?	Jamie Thompson
Containment Systems – Tanks and Pipes	Dec-15	75	As a Petroleum Officer I have been informed that there are changes pending on the type and method of leak detection to underground storage tanks, namely that liquid leak detection will eventually not be allowed to be used below ground. Does this mean that as a retrospective measure I will have to ask all keepers on all the certificated sites in my area to remove this system and replace it with pressure or vacuum?	Jamie Thompson
Dispensing and Deliveries	Mar-11	49	How does the automatic shut-off work on a nozzle?	Anton Martinusson
Dispensing and Deliveries	Mar-11	47	I am a new Petroleum Officer and recently inspected one of my sites which is very small and when a Tanker arrives to deliver it blocks off most of the Dispensing Islands. What can I do to reduce the risks when this happens?	Brian Baker

Dispensing and Deliveries	Jun-13	62	How many months tanker delivery records should be kept on site and why?	Brian Humm
Dispensing and Deliveries	Jun-15	62	Can you explain the additional hazardous areas around a petrol road tanker before it starts its delivery at a petrol station?	Gareth Bourhill
Dispensing and Deliveries	Mar-16	54	An old site that I regulate on has proposed some new dispensers to be fitted and I have checked with the manufacturer and am satisfied that they comply, as per the Blue Book, with the current European standard. My question is that the site has check valves at the tank access chamber end so should I get them to leave these in as an added level of protection?	Jame Thompson
Dispensing and Deliveries	Mar-12	48/49	I have just received a proposal to install a pressure pumping system on a new development but I am not sure what type or class of leak detection system I should ask for.	Jamie Thompson
Dispensing and Deliveries	Jun-12	52/53	The delivery hose on a pump has a restriction in length. Why is this? Is there a standard that delivery hoses are supposed to meet?	Jamie Thompson
Dispensing and Deliveries	Jun-13	62	I noted the reply to my question regarding the marking of dispensers where they have the EEx sign. Can you expand this meaning and is there a European Standard on Dispensers?	Jamie Thompson
Drainage	Jun-10	58	I am inspecting a Filling Station and cannot locate any records that the drainage system and site Separator has been checked or cleaned. Is there anything I can do as the Inspecting Officer to satisfy myself that the drainage system is in order?	Brian Baker
Drainage	Mar-15	59	What factors are necessary when assessing the environmental sensitivity of a particular location with respect to designing a drainage system for new a petrol filling station?	Brian Baker
Drainage	Mar-15	59	I have received a set of plans for a new petrol station, one of which refers exclusively to the site's drainage system. Can you advise the best way to assess the adequacy of these drainage proposals?	Brian Baker
Drainage	Sep-15	60	An old site in my area has no 'ACO' drainage at the entrance and exit to the site. What advice can you give me?	Brian Baker
Drainage	Dec-15	74	On my filling station I have an Oil/Water separator which has a vent pipe to open air; does this have to have a hazardous zone around it and if so to what extent?	Gareth Bourhill
Drainage	Mar-13	53	I would appreciate some guidance on the industry standards around disposing of water which may contain ethanol. I appreciate there would be an issue discharging this water into the interceptor as it may find its way in to the drainage system. There appears to be no clear guidance on this issue and the major oil companies have differing opinions. Is there any APEA guidance on the issue?	Jamie Thompson
Drainage	Mar-14	60	I am designing a drainage system for a petrol station and am having trouble understanding the requirements for the road tanker delivery area. How do I ensure that the drainage design takes account of the large spill of 1000 litres per minute for each delivery hose?	Jamie Thompson
Electrical Installations	Sep-12	56	I have been told that the classification of a hazardous zone on a petrol filling station is a legal requirement. Where does this come from and do they have to have any plans showing where these areas are?	Brian Humm
Electrical Installations	Mar-17	52	island possibly within the dispenser hazard zones. The reason I am querying this is because the card/note acceptor has electric in the bottom of the unit and has a heater in the note acceptor mechanism itself. Reading the "Blue Book" and having been on an APEA training course this does not seem right. Can you tell me if this practise is correct or should it be situated 4m from the dispenser?	Gareth Bourhill
Electrical Installations	Dec-16	50	I have received a set of drawings for a redevelopment of an existing petrol filling station but the problem I have is that it is situated beneath some overhead power lines. Are there any special precautions that need to be taken with this in mind?	Gareth Bourhill
Electrical Installations	Jun-16	55	had indicated that a forecourt vacuum cleaner was of particular concern (cat C defect) by interfering with a hazardous zone. The vacuum housing itself is well outside the zone which has a radius of 4.1m (hose plus vapour plume) however the vacuum's plastic hose and nozzle being 4 metres long is capable of penetrating into this zone. Whilst I suppose I can see the logic behind the report due to the potential for static electricity I assumed that forecourt vacuums are designed to be not only protected from water	Gareth Bourhill
Electrical Installations	Mar-16	54	Whilst carrying out an inspection on a 10 year old petrol installation on looking at the electrical certificate I noticed that the electrician has classified the site as a B category with a few recommendations but has then added that the next test should be scheduled for 3 years; is this acceptable?	Gareth Bourhill
Electrical Installations	Mar-10	59	Can cable that is not MICC (Mineral Insulated copper Cable) be used in a Hazardous Area	Gareth Bourhill
Electrical Installations	Jun-10	60	In respect of electrical fuel pumps I have heard the term the "Zener Diode Barrier" What does this mean, what is its purpose and how does it work?	Gareth Bourhill
Electrical Installations	Dec-10	70	I am an Inspecting Officer and recently I came across a Periodic Inspection Report that stated in the "Defects" section "High diverted neutral current – "B" unsatisfactory" What does this mean, what is the impact of this statement and should I consider any follow up action?	Gareth Bourhill

Electrical Installations	Dec-10	70/71	What considerations should be made if Solar Panels (Photovoltaic Panels) are to be installed on the existing forecourt canopy and sales building?	Gareth Bourhill
Electrical Installations	Mar-11	P46/47	As a Petroleum Officer I look for a copy of the most recent Electrical Certificate. On one of my old sites the Electrical Certificate quotes "PME" as the type of earthing system. What does "PME" mean and is it acceptable?	Gareth Bourhill
Electrical Installations	Sep-11	46	I understand that cables that pass through ducts on licensed Forecourts need to be sealed by a material that prevents a flammable liquid or vapour passing through and reaching the shop as an example. Do these sealing materials have to be hydrocarbon resistant and are there special types that can be use?	Gareth Bourhill
Electrical Installations	Dec-11	76	How can I check if an electrical engineer is qualified to operate in the hazardous zones on a petroleum licensed site? Is there a web site I can check and verify their qualifications?	Gareth Bourhill
Electrical Installations	Dec-11	47	I have heard that there are pipe work systems called "Conductive" and "Non-Conductive" used for fuel distribution on the forecourt. Can you possibly explain the difference between the two types?	Gareth Bourhill
Electrical Installations	Jun-12	54	The wiring I see either has a black or orange plastic outer sleeve. What type of cabling is this and does it comply to any standards?	Gareth Bourhill
Electrical Installations	Sep-12	55/	In the Blue Book under the Electrical Section, page 146, reference is made to carry out a risk assessment for Lightning Protection at a site's design stage. What is actually involved in such an assessment and how will it benefit the overall safety of the site?	Gareth Bourhill
Electrical Installations	Sep-12	56	On a new site, should back up electrical power supplies be installed to maintain all power systems?	Gareth Bourhill
Electrical Installations	Dec-12	39/40	I am a petroleum inspector and I have seen different types of Electrical Certificates. There are Red ones, Green ones, one for Certification and Licence purposes. Can you clarify exactly what is the correct certificate and what qualifications should an Electrical Contractors have?	Gareth Bourhill
Electrical Installations	Mar-13	53	When inspecting electrical equipment on a petrol station in a hazardous area I notice that the equipment shows amongst other codes an EEx symbol. What does this mean and what other information is recorded on this plate	Gareth Bourhill
Electrical Installations	Jun-13	63	Where should internal isolation or emergency switches be located. How many should there be?	Gareth Bourhill
Electrical Installations	Dec-13	79	A Developer has sent a set of plans for a nre petrol filling station which includes electrical details of where underground cables are to be located across the site. As a petroleum officer, what should I be looking for in the project? Can you advise?	Gareth Bourhill
Electrical Installations	Mar-15	60	Can you advise to what extent should labelling take place on an electrical installation on a petrol filling station?	Gareth Bourhill
Electrical Installations	Sep-15	59-60	I have to install a card reader next to an existing petrol pump. The installer informs me it can be installed as the head of the card reader is 1.2m above ground level. The petrol pump has cassette hoses with the nozzles at high level is this OK?	Gareth Bourhill
Electrical Installations	Dec-14	79	A Petrol Filling Station in my area is to be refurbished which has been located on the same site for more than 30 years. However, the contracted Electrical Engineer will not issue an Electrical Certificate as he has noticed 275kv overhead power cables pass over the site and within 10 metres of the canopy. What steps should be taken as the Petroleum Licensing Authority is now saying that they may revoke the current licence?	John Dallimore
Legislation, Standards and Codes of Practice	Dec-16	51	the person complaining (not a Petroleum Officer) has quoted the Petroleum Licencing regulations that we should have visibility. For information the bunkering pumps are preauthorisation in the kiosk and we have control measures in place already: correct dispensers, spillage containment, interceptors, emergency response procedures, pump automatic shut off, maximum dispense etc. etc. I would appreciate your thoughts.	Brian Humm
Legislation, Standards and Codes of Practice	Mar-17	52	As a fire officer who is also a petroleum officer I combine my visits to petrol filling stations so that I carry out a fire safety inspection as well as petroleum compliance. To this end I have recently heard on the grapevine that there have been some changes within fire safety codes of practice so I was wondering if you could shed some light on this?	Brian Baker
Legislation, Standards and Codes of Practice	Mar-10	59	Is the publication known as the Design, Construction, Modification, Maintenance and Decommissioning of Filling Stations APEA/IP March 2005 otherwise known as the "BlueBook" mandatory?	Brian Baker
Legislation, Standards and Codes of Practice	Dec-11	75	I have just received proposals for a new Installation of both Petrol and Diesel Pumps where the Licensee wants to exceed the normal limits for dispensing of 100 litres at one time in a harbour. How should this be dealt with?	Brian Baker
Legislation, Standards and Codes of Practice	Mar-12	49	What exactly should a site register contain in terms of records?	Brian Baker

Legislation, Standards and Codes of Practice	Mar-12	49	I am a new petroleum officer and have a research establishment that keeps petroleum spirit in a drum and occasionally draw the petroleum off for their laboratory. The Petroleum (Consolidation) Act 1928 says that a licence is required if anyone keeps more than three gallons but have been told that they will only need a licence if they actually dispense by way of a pump. I am confused so can you explain?	Brian Baker
Legislation, Standards and Codes of Practice	Mar-12	49	I have been on a course recently where we did a desk top exercise using a document known as HS (G) 146 Dispensing Petrol where it covered a risk assessment. I have tried to get hold of a copy but have been told it is out of print and will not be Published. Why is this so?	Brian Baker
Legislation, Standards and Codes of Practice	Dec-14	80	assume the Petroleum licensing officer would have been consulted by the Planning Authority in relation to these matters? I have one such planning application which in reality is not likely to be a viable from a commercial perspective given that it is a small station with one pump island proposed. Given the way the petrol industry is going such a small facility is unlikely to be attractive proposition. However, this permission is sought as an extension of planning permission already granted twice previously in outline form and	Brian Baker
Legislation, Standards and Codes of Practice	Mar-15	58	I have been asked to carry out a fire risk assessment by my local fire authority. I already have a Petroleum Storage Certificate as well as a risk assessment under the Dangerous Substances & Explosive Atmospheres Regulations 2002 (DSEAR). Why do I need another risk assessment just on fire?	Brian Baker
Legislation, Standards and Codes of Practice	Mar-15	59	To what extent should I have an "Incident Response Procedure" in place for my petrol filling station?	Brian Baker
Legislation, Standards and Codes of Practice	Dec-17	65	I am an independent operator of a retail petrol station. I have received my petroleum storage certificate from my local authority but I have a couple of queries on the content. The certificate lists the site address but includes the name of my company; I recall from somewhere that this shouldn't be the case? Also, the tanks that they list within the table section do not include all of my underground storage facility. Could you advise if this is correct?	Brian Humm
Legislation, Standards and Codes of Practice	Sep-17	52	There has been a proposal to hold a car rally event in Northern Ireland where I am the petroleum officer for the Council. We have never experienced this type of event or petrol storage/dispensing before. Could I ask if anyone could offer some advice please with regards to legality and safety?	Brian Humm
Legislation, Standards and Codes of Practice	Jun-17	47	During a recent inspection of a petrol station it was noted that the fill points that are above ground and off set from the tanks have no locks in situ. What are your thoughts on this matter and could this be classified as an offence under any legislation?	Brian Humm
Legislation, Standards and Codes of Practice	Dec-16	50	I was under the impression that petrol stations had to keep a record of all deliveries of fuel for a period of 12 months. However, is this a legal requirement? I cannot find any regulation/act that specifically prescribes. Can you please advise?	Brian Humm
Legislation, Standards and Codes of Practice	Sep-16	50	My fuel supply company have stated that as I have no fire extinguishers placed on the forecourt they will no longer deliver fuel to me. My problem is that I have had 16 fire extinguishers stolen in recent months so I now keep them just inside the sales area door where they can be reached easily; are they being fair and practical?	Brian Humm
Legislation, Standards and Codes of Practice	Jun-11	62	I am new to Petroleum Licensing and understand that to transfer a petroleum Licence from one owner to another is a legal process. Can you explain where this comes from?	Brian Humm
Legislation, Standards and Codes of Practice	Sep-14	56	What are the general considerations when a decision is made to permanently decommission an underground tank that has failed its test?	Brian Humm
Legislation, Standards and Codes of Practice	Sep-15	62	I have had some problems with one site in my area that is unable to produce wet stock records and I found a number of other safety issues with contraventions of DSEAR. I now learn the site (a major oil company) has a partnership agreement with another petroleum enforcement authority. Can I take legal action? What are my options?	Brian Humm
Legislation, Standards and Codes of Practice	Sep-15	62	I have applied for a Petroleum Storage Certificate from my local Petroleum Enforcement Authority only to be told that I have to include my underground diesel tanks on the application. Diesel was never previously licensed so why am I being asked to include those tanks?	Brian Humm
Legislation, Standards and Codes of Practice	Sep-17	52	I have just been appointed as my Authorities Petroleum Inspector and have some concerns over my qualifications to carry out this role, I have been told that the HSE via the Petroleum Enforcement Liaison Group (PELG) have produced a framework of qualifications and experience for inspectors to prove competence within this role, could you let me know if this exists and what this criteria is please?	Clare Scawthorn
Legislation, Standards and Codes of Practice	Mar-12	41/42	A leading petroleum retailer wishes to introduce an "electronic" petroleum register across all of their sites. Can you advise exactly what records can be kept and will electronic records be acceptable in accordance with the Petroleum Conditions of Licence?	Craig Brockenhurst
Legislation, Standards and Codes of Practice	Dec-11	75	I have a private airport in my area that has a bowser that is used for refuelling. Does this have to have a petroleum licence?	David Sommers
Legislation, Standards and Codes of Practice	Sep-14	56	Is the requirement to identify the extent of a Hazardous Area on a Petrol Filling Station a legal requirement or guidance only?	Gareth Bourhill
Legislation, Standards and Codes of Practice	Mar-18	68	I am organising a party to celebrate a family member's milestone birthday. I am planning a large firework extravaganza to finish the evening. Could I ask if 1) there is legislation and guidance available for storage of fireworks and 2) is there a limit on the amount of fireworks that can be stored in a domestic environment?	Ian Hillier
Legislation, Standards and Codes of Practice	Sep-17	52	As a small retailer who operates a number of filling stations within the UK I am slightly confused regarding the frequency that I have to have my pumps checked for weights and measures purposes. Could someone please let me know the actual regulation relating to this please?	Ian Hillier
Legislation, Standards and Codes of Practice	Jun-18	37	Could I possibly ask for some advice? I have a small petrol station that has a very small forecourt area, the sales are significantly small (< 1 million litres PA) and as you would expect, profit from fuel is minimal. I have been requested to supply a PIC cleaning certificate by the local petroleum officer and looking at the costs involved, I have looked into the interceptor chambers and there is no oil staining evident and only a little silt at the bottom of the first chamber. What should I do?	Jamie Thompson

Legislation, Standards and Codes of Practice	Mar-18	70	I understand changes are being recommended on the decommissioning of petrol stations and the making safe of old tanks. How do they affect sites which are closing?	Jamie Thompson
Legislation, Standards and Codes of Practice	Jun-17	46	I am a member of Dangerous Goods Division of Hong Kong Fire Services Department. My division is currently revising the tests used for underground tanks. For this reason, we studied the "Design, Construction, Modification, Maintenance and Decommissioning of Fill Stations" issued by the APEA (the Blue Book). We noted that the pressure and the duration required for testing the tank were stated in paragraph 8.6.1.2 of the second edition of the book. However, the aforesaid information could not be found in the latest edition. In view of above, may I seek your expert comments for the following enquires: i) Is there any up-to-date standard (e.g. pressure and duration) for testing the	Jamie Thompson
Legislation, Standards and Codes of Practice	Sep-14	58	I would like to know the recommended practice regarding leak detection underneath a dispenser on a pressurised pumping system.	Jamie Thompson
Legislation, Standards and Codes of Practice	Mar-11	46	What is Primary Authority Partnership (PAPS) and what is role expected of the Partnering Authority?	Jean Fincken
Legislation, Standards and Codes of Practice	Sep-16	50	I am a petroleum officer and as such enforce the new Petroleum (Consolidation) Regulations 2014 (PCR). I have been told by someone that I need to enforce upon a premises where they dispense fuel into cans at a workshop type premises? Is this correct and is there advice available for enforcers for the PCR in general?	Kim Bennett
Legislation, Standards and Codes of Practice	Sep-10	64/65	As an Inspector I am expected to cooperate under a certain code of conduct that I have heard is called the Regulator's Compliance Code. What exactly is it?	Kim Bennett
Legislation, Standards and Codes of Practice	Sep-13	64/	I am to be appointed the Petroleum Officer for my local authority. Can you advise what legislation I should be warranted for and why?	Kim Bennett
Legislation, Standards and Codes of Practice	Dec-13	77/	Having Inspected a petrol filling station in my area, I could not find a DSEAR risk assessment in writing. What should I do to resolve this issue as I think a contravention is taking place?	Kim Bennett
Legislation, Standards and Codes of Practice	Mar-14	59	Can you provide clarification on how often and when routine servicing and training is given to staff on Petroleum Licensed Forecourts and what if any would constitute a serious enough breach to instigate formal proceedings?	Kim Bennett
Legislation, Standards and Codes of Practice	Mar-14	60	Two breaches in different legislation for one premises i.e. PHA, DSEAR, PCA etc, would they go on the one improvement notice or 2 separate notices?	Kim Bennett
Legislation, Standards and Codes of Practice	Mar-14	60	Who is responsible for illegal storage of petroleum in premises other than Forecourts i.e. domestic dwellings or other buildings?	Kim Bennett
Legislation, Standards and Codes of Practice	Dec-15	74	My local petroleum enforcing authority has sent through a letter telling me that my current petroleum licence is due to expire and that I will be receiving a new certificate to keep petrol on my site. They have asked that I provide drawings for their records - is this correct? I have operated the filling station for 25 years and have never been asked for anything like this before?	Kim Bennett
Legislation, Standards and Codes of Practice	Dec-16	50	As a relatively new Petroleum Officer I am looking at drainage cleaning certificates and there are also waste transfer notices that seem to be important. Could I ask: a) if they are important; b) for what reason; and c) what does the cleaning of a forecourt drainage system consist of?	Mark Orr
Legislation, Standards and Codes of Practice	Jun-10	58	In the definitions of the Standard Licensing Conditions is a term called "The Approved Arrangements" can you explain what this actually means and why is important from a Petroleum Licensing point of view?	Ray Blake
Legislation, Standards and Codes of Practice	Dec-15	74	I have a DSEAR Risk assessment for the petrol filling station which I operate; does this cover the sales building in the case of fire? If not, what other type of assessment do I need to have?	
Petroleum Misc	Dec-12	46	I have a site that is to be completely re-built with new tanks, pipelines, dispensers, vapour recovery, drainage, convenience and so on. Is there a format or form that can be used that identifies all the various checks that should be carried out so that some record can be kept of the whole project?	Brian Baker
Petroleum Misc	Mar-13	57	As a newly appointed petroleum officer, I have recently received a call from a firm of architects asking me what plans I would like for a brand new development. What sort of plans should I ask for?	Brian Baker
Petroleum Misc	Jun-13	63	What is the term "Starter Gate" layout that is used in relation to	Brian Baker
Vapour Recovery	Sep-11		Do all pipes such as underground ones, vent stacks and/or tanks have to be marked and is it a legal requirement?	Brian Baker
Vapour Recovery	Sep-10	65	When inspecting vent stacks where Stage 1b Vapour Recovery is installed what needs to be checked?	Brian Humm
Vapour Recovery	Dec-11	80	I have received plan proposals for a new petrol filling station site whose vent stack is under 1.5m from the boundary for Stage 1b Vapour Recovery. What advice can I give?	Brian Humm

Vapour Recovery	Jun-10	58	I know that on a Stage 1b Vapour Recovery System there is a Pressure and Vacuum Valve Fitted at the top of the Vent Stack. Can you explain why it is there and how it works?	Jamie Thompson
Vapour Recovery	Mar-15	56	What is a flame arrester and what is it designed to do?	Jamie Thompson
Vapour Recovery	Jun-15	62	Petrol Tank vents for underground tanks are connected together in order for vapour recovery to be returned to the road tanker during delivery. It seems to me there is a danger of overfilling and mixing fuels using such systems. What precautions should be taken?	Jamie Thompson
Wet Stock controls	Sep-12	58	In the Blue Book, Section 11, Leak Containment and Leak Detection Systems, it refers to detectable leak rates at certain threshold limits. What does all this mean?	Bob Conlin
Wet Stock controls	Jun-15	59	Can you explain to me what an Approved SIR system is and how it is applied in terms of leak detection?	Craig Oliver-Walsh
Wet Stock controls	Mar-10	59	As a Petroleum Officer I was notified by an SIR company of a suspected loss of fuel from a petrol tank. To confirm the loss a precision tank test company came and put a small pressure on the tank and confirmed failure. The situation got worse when it was discovered that over 20,000 litres of fuel were lost immediately after the test. Was the action correct?	Jamie Thompson