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Clesse UK



# Clesse Who are we?



- UK's Largest LPG pressure regulator, equipment & accessories supplier, manufacturing in Europe with UK subsidiary
- Concentrating on technical, safety and local requirements for dedicated markets – such as Leisure, street food and event catering
- Clesse Industries is widely recognized as the reference to the professionals in the LP Gas Industry

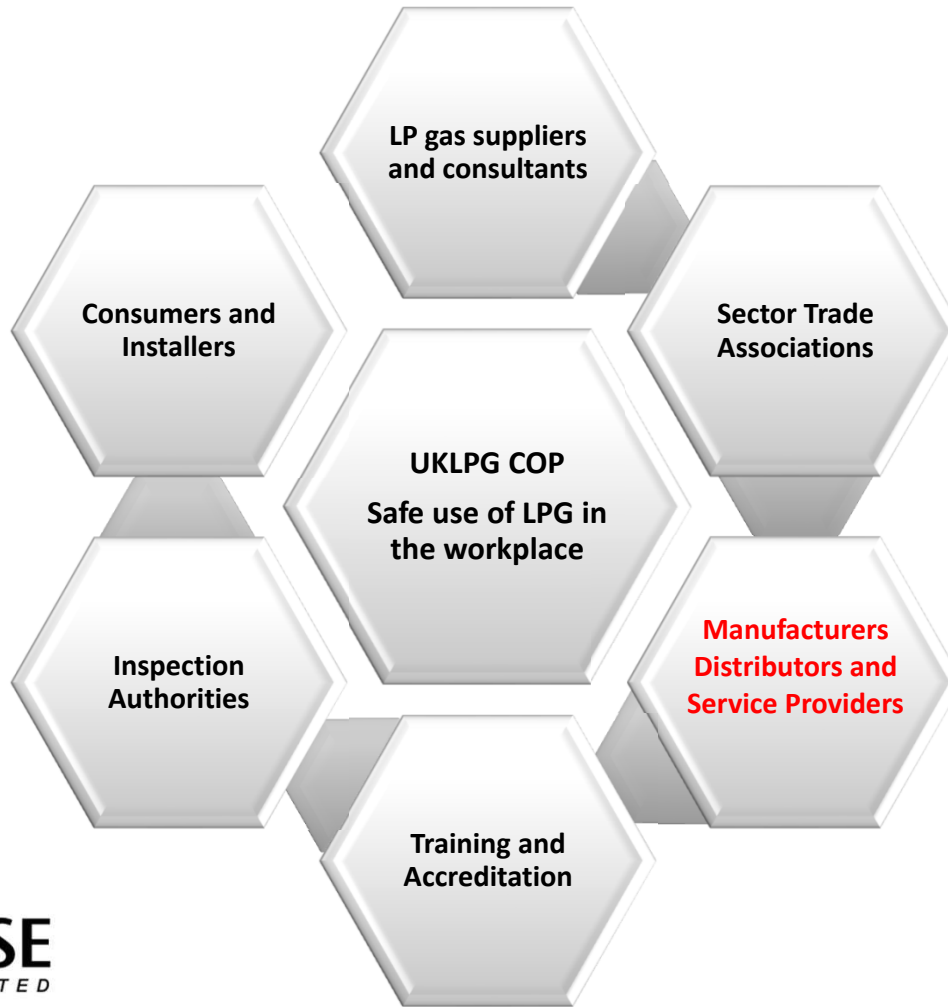


# Collaboration with Stakeholders

- As a leading player in the UK LPG market, Clesse actively engages with key market stakeholders such as:
  - UKLPG - Gas Safe Register – NCASS - NCC
  - Environment agencies (British Waterways etc...)
- Work with the stakeholders to develop the products to meet standards, best working practice
- CEDA Conference and the launch in 2017 of the latest Codes of Practice are a culmination of the industry responding to the needs of the market, inspection authorities, and event organisers.



# Collaboration for safer products installations and use



# Some Key areas of COP24 P3 2017

- **Pipework**
  - Correct management of pipework updated with current installation standards and practices. e.g BS6891:2015 and EN1949
- **Storage & use of Cylinders**
  - This includes guidance and limitations to the use both indoors and out when used at an event or when used at an event premises, such as the Excel arena
- **Appliances**
  - To be CE marked and incorporating safety devices, i.e Thermocouple/Flame supervision devices
- **Gas pressure regulation**
  - Alignment with British standards BS6891:2015 - Over Pressure Safety systems on all applications over 1.5kg/h when used in a piped system.

# Safe use of LPG

- What is an **OPSO**??

**Over Pressure Shut Off** device



**OPSO** devices protect appliances from pressures in excess of what they are designed to be used for and protect against instances such as:

- Incorrect Installation
- Damage or failure
- Resulting in serious accidents and fires at appliances.



# Clesse CSR OPSO

## Using the principles of the electrical circuit breaker

Universally accepted interaction with a safety system – easy to understand and globally accepted

- The basis for designing a new OPSO system
- Understandable – if it trips
  - promotes the user to check why?
  - then if all OK - reset
  - If it goes again call the engineer!



# The LPG circuit breaker - CSR

Designed to emulate accepted consumer safety

- Same concept as an electrical RCD – The LPG CSR is “Push to reset” with clear indication
- Over-pressure protection and limited relief to prevent nuisance trip
- Tamper proof reset – “no jamming open” as with existing OPSO pull systems
- Weather proof protective casing to a level equivalent of IP55 for adverse weather and ingress of water

**Consumer Safety Reset**



Patented design



# Safe operation of LPG

- Design & Installation of a pre designed piped system

Key areas for focus when setting up for trading:

- Compliance to Codes of Practice
- Safety
- Ease of Use
- Design of equipment
- Installation



Example  
LPG SYSTEM

# Thank You

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## Code of Practice 24 Part 3

**Note:** CEDA Member Price £75

Available until **30<sup>th</sup> November 2018**

(after this date the price will increase to £100)

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