



# Standards Update - Important Changes

## Liquid Gas UK COP 32 - LPG systems in Leisure Accommodation Vehicles and Road Vehicles with Habitation - Post Delivery Inspection and Maintenance

### Scope

This code of practice specifies post-delivery commissioning, inspection & testing of LPG installations not included in the scope of either BS 6891 or BS EN 1949. Where connection to external gas supply is provided and/or installation requires on-site commissioning. Includes Leisure Accommodation Vehicles (LAV) such as:

- **Holiday caravans** - static and holiday park homes
- **Touring caravans and trailer tents** which are connected to an external LPG supply not incorporated in the original manufacturer's design
- **Touring caravans** that are used for more than 4 weeks whilst connected to external cylinder supply
- **Other vehicles** with or without after market conversion incorporating accommodation for habitation

### When does COP become published?

The COP is now published and is available to download by members or purchase from Liquid Gas UK web site\*

The RGE magazine published the COP in the standards update February 2021 advising implementation from April 2021 where Gas Safe inspectors will start to monitor the installations according to the COP, which replaces the withdrawn standard BS5482 parts 1 and 2.

### Important - Clesse changes to supply of NON-OPSO regulators

*Non OPSO - low pressure cylinder regulators supplied by Clesse above 1.5kg/h capacity will include warning labels on packaging from April 2021.*

Clear marking of regulators not featuring OPSO safety - promoting current UK installation standards in support of HSE and Liquid Gas UK safety initiatives.

### Why was COP32 necessary?

Domestic, commercial properties including residential park homes are covered in the installation standards BS6891 either on LPG or Natural Gas, whilst caravan holiday homes on LPG were not included.

COP 32 addresses the absence, also providing additional specific requirements unique to the holiday home market or temporary static vehicle used for work or habitation.

### What are the main changes for equipment distributors, park managers and gas installers using Clesse solutions

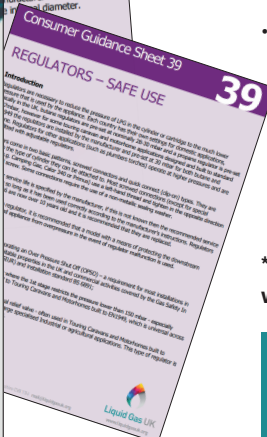
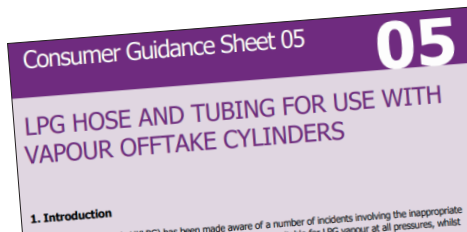
- **Flexible rubber hose assemblies** - to be rodent protected - includes HP Pigtails from cylinders, flexible hose connections between ACO or regulator or Meter and the home connection –section 2.4.1.5  
**Comment** - Additional armoured protection is now required as standard in addition to rubber hose - already a requirement for outlet hoses since 2015 in BS6891. COP 32 goes further and now includes high pressure hoses between cylinder and upstream regulator or ACO on new installation or replacement.  
**Solution** - Clesse will supply Clessinox stainless steel hoses where customers request an armoured hose solution either loose or in kits with ACO - the solution provides ultimate in longterm protection, reduction in contaminates and is an environmental solution both recyclable and hydrocarbon emissions.
- **Maximum hose lengths** of hoses HP Pigtails 750mm and where used flexible outlet hose connections between ACO or regulator or meter to fixed pipework 2m – section 2.4.2 (exemptions apply to homes using flotation systems).  
**Comment** - This restriction of lengths aimed at HP hoses from Cylinder to regulator—where excessive lengths have shown to increase the possibility of LPG re-liquefying and creating risk to downstream regulators and installation.
- **OPSO safety** - on any home or habitable accommodation either supplied by cylinders the ACO or regulator – section 2.7.1  
**Comment** - Over Pressure Safety devices are requirement when supplied by cylinders and harmonizes with BS6891. Reducing risks in case of regulator failure to control downstream pressure below which appliances are designed for.  
**Solution** - CSR485 and CompacTR 800 CSR regulators incorporate the OPSO consumer reset system as standard.

\* For further guidance on LP gas regulators and equipment [www.liquidgasuk.org/domestic/consumer-guidance-sheets](http://www.liquidgasuk.org/domestic/consumer-guidance-sheets)

**NON-OPSO REGULATOR**

Not suitable for Installations covered by GSIUR or standards BS6891 and LGUK COP32

If in doubt contact your registered gas installer




For the latest copy of the standards contact or join as a member of Liquid Gas UK visit the website [www.liquidgasuk.org](http://www.liquidgasuk.org)





 **CLESSE**

# The installer's choice for LPG equipment and accessories

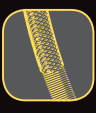
Better by design, with UK distribution network,  
assembly and technical service center


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**CompactTR800 & CSR 485**  
Regulators with OPSO protection for cylinders using unique patented consumer reset system
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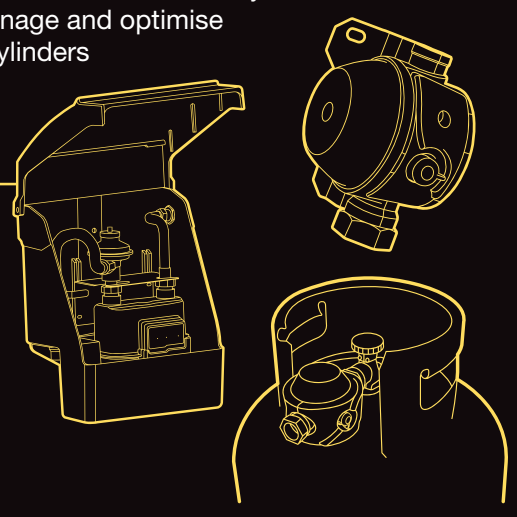
**BP2203 -BP24 UP/OPSO**  
Final stage pressure regulation for bulk supply tanks
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**Evolution meter box**  
For piped network distribution systems

 **Clessinox**  
Rugged quality stainless steel hoses, environmentally friendly with advanced design

 **CompactTi**  
Upgrade ACO cylinder regulator into advanced electronic hybrid to manage and optimise gas cylinders

The complete range to meet latest  
Liquid Gas UK Codes of Practice  
and British Standards



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**Clesse (UK) Ltd**, Drakes Broughton Business Park, Drakes Broughton, Pershore, Worcestershire, WR10 2AG. United Kingdom  
**Tel:** +44 (0)1905 842020 **Fax:** +44 (0)1905 842021 **Email:** sales@clesse.co.uk