




# LIQUIFIED PETROLEUM GAS

## SAFETY – LIKE IT SHOULD BE

Liquefied petroleum gas or liquid petroleum gas (LPG or LP gas), also referred to as simply propane or butane, are flammable mixtures of hydrocarbon gases used as fuel in heating appliances, cooking equipment, and vehicles. LPG is a blend and combination of butane and propane.



SGS provides services to clients involved with LPG production, distribution, and storage. Our services include LPG analytical testing, trace analysis, loss control, and quality control during production, storage and cargo custody transfer. LPG testing is done according to ASTM and other accepted industry standards.

#### WE CAN HELP YOU

As a leading supplier of LPG testing services, we offer you the expertise, resources and experience you need.

- Composition analysis by GC.
- Sulfur content.
- Vapor pressure.
- Density on composition.

#### OUR SPECIFIC DIAGNOSTIC ANALYSES INCLUDE:

- LPG composition (C3-C4 hydrocarbons & heavier) – ASTM D 2163 / IS 4576: 1999 / IS 14861:2000 (GC Analysis)
- Dienes (as 1: 3 Butadiene) – ASTM D 2163 / IS 4576: 1999 / IS 14861:2000 (GC analysis)
- Vapor pressure – ASTM D 1267 / IS 4576: 1999/IS 14861:2000
- Copper strip corrosion – ASTM D 1848 / IS 4576:1999 /IS 14861:2000
- Hydrogen sulfide – ASTM D 2420: Reap 2001 /IS 4576:1999/IS 14861:2000

- Evaporation residue – ASTM D 2158/ IS 4576:1999:05/IS 14861:2000
- Free water content – visual
- Motor octane no – ASTM D 2598, IS 4576:1999, IS 14861:2000
- Volatility – ASTM D 1837, IS 4576:1999, IS 14861:2000
- Calorific value (net & gross) – by calculation
- Sulphur content – ASTM D6228
- Mercapton sulphur – ASTM D 6228

**TO FIND OUT MORE ABOUT  
OUR FUEL OIL TESTING SERVICES,  
CONTACT US TODAY**

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**SGS IS THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND  
CERTIFICATION COMPANY**

**SGS**

**When you need to be sure**