Types of gas and corresponding supply pressures in the United Kingdom						
Gas Family	**2nd Family**				**3rd Family**	
Gas Group	**Group H**		**Group P**		**Group B**	
	min	**max**	**min**	**max**	**min**	**max**
Gross Calorific Value (GCV) [MJ/m^3]	**A**	**A**	88,2	100,1	121,3	126,7
Wobbe index [MJ/m^3]	47,20 **B**	51,41 **B**	72,7	78,5	85,7	87,7
Gas composition by volume in % of the total content						
C_1 to C_5 content (sum)	**C**	**C**	100	100	100	100
N_2 + CO_2 content	—	N_2 **C** CO_2: 2,5 mol % **D**	NIL		NIL	
CO content	**C**	**C**	NIL		NIL	
Unsaturated HC content	**C**	**C**	0	100	0	100
Hydrogen content	—	0,1 mol %	NIL		NIL	
Information on toxic components contained in the gaseous fuel	H_2S limit ≤ 5mg/m^3		**E**		**E**	

A No specific limits that apply network wide, normally within the range of 36,9 MJ/m^3 and 42,3 MJ/m^3 but the Wobbe Index provides the overriding limit.
B Under a supply emergency these limits can be extended to 46,5–52,85 MJ/m^3 to allow for maintenance of supply, this is expected only in exceptional circumstances. The supply conditions are set out in the Gas Safety (Management) Regulations 1996.
C No specified limit.
D Normally 2,5 mol % but this is variable at some entry points to the transmission system.
E Commercial Propane and Butane may contain the substance 1,3 butadiene which is classified as Class II carcinogenic.

Gas Group	Group H			Group P			Group B		
Supply pressure									
	min	nom	max	min	nom	max	min	nom	max
Supply pressure at the inlet of appliances [mbar] **F**	—	—	—	25 25 **G**	37 29 **G**	45 35 **G**	20 25 **G**	29 29 **G**	35 35 **G**
Supply pressure at the point of delivery [mbar]	18,5	—	22	32 **H** 27 **I** 30 **K** 30 **L**	37 **H** 37 **I** 37 **K** 30 **L**	45 **H** 45 **I** 45 **K** 35 **L**	22 **J** 30 **L**	29 **J** 30 **L**	35 **J** 35 **L**
Admissible pressure loss in the end-user gas installation [mbar]	—	—	1 **M**	—	—	0,5 **N** 2 **O** 5 **P**	—	—	0,5 **N** 2 **O** 5 **P**
Reference conditions for Wobbe index and Gross Calorific Value (GCV)									
Combustion reference temperature [°C]	15°C								
Volume measurement reference temperature [°C]	15°C								
Volume measurement reference pressure [mbar]	1013,25 mbar								

F As EN437.
G LPG for Leisure Accommodation Vehicles to EN 1949.
H Bulk Tank or Cylinders (supplying a property) Ref EN 16129 Table 5 and BS6891 Table 7. Figures relate to the delivery point at the outlet of the regulator or meter (whichever is last).
I Cylinder Appliance (directly connected to the cylinder) ΔP2 (2 mbar pressure loss). Figures assume the delivery point is the outlet of the regulator.
J Cylinder Appliance (directly connected to the cylinder) Ref EN 16129 Table 5. Figures assume the delivery point is the outlet of the regulator.
K Cylinder Appliance (directly connected to the cylinder) ΔP2 (5 mbar pressure loss). Figures assume the delivery point is the outlet of the regulator.
L Cylinder Appliance (directly connected to the cylinder) LPG (for Leisure Accommodation Vehicles to EN 1949), Ref EN 16129 Annex D. Figures assume the delivery point is the outlet of the regulator.
M Ref BS 6891: 2015 clause 5.3.2 and IGEM/UP/Table 2 for larger pipes.
N UKLPG COP 22 Service Pipework.
O BS 6891, Property installation pipework; directly connected cylinder appliance systems specifying 2 mbar.
P EN 1949: directly connected cylinder appliance systems specifying 5 mbar.