Official Journal of the European Union

C/2026/5855

EN
C series

5.11.2026

# Notification from the Member State Germany pursuant to Article 4 of the Gas Appliances Regulation 2016/426

(C/2026/5855)

**Communication from Member State Germany in accordance with Article 4 of Regulation (EU) 2016/426 on appliances burning gaseous fuels**

| Gas Family | 2nd | | | | 3rd | | | | 5th | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gas Group | Group H (national) | | Group L (national) | | Group P | | Group B | | Group A (≥ 98 % hydrogen) | | Group D (≥ 99,97 % hydrogen) | |
| | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max |
| Gross calorific value (GCV) Value) [MJ/m³] | 34,5 | 44,7; | 28,7; | 38,6; | | 101,2 ([4]) | | 133,8 ([4]) | 11,86 | 12,61 | 12,1 | 12,11 |
| Wobbe index [MJ/m³] | 46,1 ([1]) | 52,64 ([1a]) | 37,60 ([2]) | 44,40 | 72,90 ([5]) | 87,30 ([5]) | 81,80 | 87,30 | 40,09 | 44,81 | 45,78 | 45,86 |
| **Gas composition by volume in % of the total content:** | | | | | | | | | | | | |
| $C_1$ to $C_5$ content (sum) | | 100 % | | 100 % | | 100 % | | 100 % | | 2 | | 0,03 |
| $N_2$ + $CO_2$ content | 2,5 | 4 | 2,5 | 4 | | Not specified | | Not specified | | 2 | | 0,03 $N_2$ 0,0002 $CO_2$ |
| CO content | | 0,1 | | 0,1 | | Not specified | | Not specified | | 0,1 | | 0,00002 |
| Unsaturated HC content in % | | Not specified | | Not specified | | 10 % | | 10 % | | | | |
| Hydrogen content | 0 | 0,2 to 20 % | 0 | 0,2 to 20 % | | 0,2 ([6]) | | 0,2 ([6]) | | | | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Information on toxic components contained in the gaseous fuel. | | $H_2S$ and COS: 5 mg/m³ | | $H_2S$ and COS: 5 mg/m³ | | $H_2S$ technically free S from COS: 5 mg/kg | | $H_2S$ technically free S from COS: 5 mg/kg | | | | | | | | | |

**Supply pressure:**

| | Min | nominal | Max | Min | Nominal | Max | Min | Nominal | Max | Min | Nominal | Max | Min | Nominal | Max | Min | Nominal | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Supply pressure at the inlet of appliances in mbar | 18 | 20 | 25 | 18 | 20 | 25 | 50 | 42,5 | 57,5 | 50 | 42,5 | 57,5 | Not specified | 20 | Not specified | Not specified | 20 | Not specified |
| Supply pressure at the point of delivery in mbar | 20 | 23 | 25,3 | 20 | 23 | 25,3 | 50 | 42,5 | 57,5 | 50 | 42,5 | 57,5 | Not specified | 23 | Not specified | Not specified | 23 | Not specified |
| Admissible pressure loss in the end-user gas installation in mbar | 3 (³) | | | 3 (³) | | | 5 (³) | | | 5 (³) | | | 3 (³) | | | 3 (³) | | |

**Reference conditions for Wobbe index and gross calorific value:**

| | |
|---|---|
| Combustion reference temperature [°C] | 15 °C |



ELI: http://data.europa.eu/eli/C/2026/5855/oj

| | |
|---|---|
| Volume measurement reference temperature [°C] | 15 °C |
| Volume measurement reference pressure In mbar | 1 013,25 |

([1]) Group H: For suitable gas appliances (e.g. appliance category $I_{2E}$) shortages in the Wobbe index down to $W_{S,n}$ = 43,2 MJ/m³ (12,0 kWh/m³) can be tolerated for limited periods of time in order to avoid supply shortages, with the appliance setting remaining unchanged at $W_{S,n}$ = 54,0 MJ/m³ (15,0 kWh/m³) (40,95 MJ/m³ (15 °C));

([1a]) An excess of up to 53,72 MJ/m (15 °C)³ (15 °C) is possible for gases at grid interconnection points and central connection points and at downstream gas supply networks.

([2]) Group L: For suitable gas appliances (e.g. appliance category $I_{2ELL}$) shortages in the Wobbe index down to $W_{S,n}$ = 36,0 MJ/m³ (10,0 kWh/m³) can be tolerated for limited periods of time in order to use natural gases which are rich in inert gases, with the appliance setting remaining unchanged at $W_{S,n}$ = 44,6 MJ/m³ (12,4 kWh/m³). (34,13 MJ/ m³ (15 °C));

([3]) For domestic or similar use only, deviations possible for commercial or industrial use.

([4]) Nominal;

([5]) Only from stationary tank;

([6]) Hydrogen, nitrogen, oxygen and methane