

## IV

(Notices)

## NOTICES FROM MEMBER STATES

**Types of gas and the corresponding supply pressures according to Article 4(1) of Regulation (EU) 2016/426 of the European Parliament and of the Council on appliances burning gaseous fuels and repealing Directive 2009/142/EC**

(This publication is based on information received by the Commission from the Member States)

(2019/C 26/01)

ITALY

Gas Family	2nd Family				3rd Family			
	Group H		Group M		Group B/P		Group P	
Gas Group	Natural gas (including biomethane)		LPG-air mixture		LPG		Propane	
	minimum	maximum	minimum	maximum	minimum	maximum	minimum	maximum
Gross calorific value (GCV) [MJ/m <sup>3</sup> ]	34,95	45,28	—	47,67	—	125,81	—	95,65
Wobbe index [MJ/m <sup>3</sup> ]	47,31	52,33	—	42,29	—	87,33	—	76,84

Gas composition by volume in % of the total content:

C <sub>1</sub> to C <sub>3</sub> content in % (sum)	—	—	—	50	—	—	—	—
N <sub>2</sub> + CO <sub>2</sub> content in % <sup>(a)</sup>	0	2,5	—	—	—	—	—	—
CO content in %	0	0,1	—	—	—	—	—	—
Unsaturated HC content in %	—	—	—	—	—	—	—	—
Hydrogen content in %	0	0,5	—	—	—	—	—	—
Information on toxic components contained in the gaseous fuel	—				< 0,1 % 1,3-butadiene		< 0,1 % 1,3-butadiene	

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	minimum	maximum	minimum	maximum	minimum	maximum	minimum	maximum

Supply pressure:

	minimum	nominal	maximum									
Supply pressure at the inlet of appliances [mbar]	17	20	25	17	20	25	20	28-30	35	25	37	45
Supply pressure at the point of delivery [mbar] <sup>(b)</sup>	15	20	28									
Admissible pressure loss in the end-user gas installation [mbar] <sup>(c)</sup>	1,0	—	2,0									

The reference conditions for Wobbe index and gross calorific value are as follows:

Combustion reference temperature [°C]	15 °C
Volume measurement reference temperature [°C]	15 °C
Volume measurement reference pressure [mbar]	1 013,25 mbar

<sup>(a)</sup> Only CO<sub>2</sub>.

<sup>(b)</sup> The minimum and maximum pressure values reported constitute the technically permissible thresholds (UNI 11323:2016), for limited periods of time, taking into account any physiological pressure trends in gas distribution networks.

<sup>(c)</sup> Values provided in accordance with the English version of the text of Regulation (EU) 2016/426 on appliances burning gaseous fuels.