IV

(Notices)

NOTICES FROM EUROPEAN UNION INSTITUTIONS, BODIES, OFFICES AND AGENCIES

EUROPEAN COMMISSION

Agreement between the European Community and the Swiss Confederation on mutual recognition in relation to conformity assessment, Annex 1, Chapter 5, Section 5, Point 9 'Information exchange'

Information from Switzerland on the basis of Article 12 of the Agreement on the types of gas and the corresponding supply pressures of gaseous fuels on the Swiss territory referred to in Annex II of Regulation (EU) 2016/426 of the European Parliament and of the Council of 9 March 2016 on appliances burning gaseous fuels and repealing Directive 2009/142/EC

(This publication is based on information received by the Commission from the Swiss Confederation)

(2018/C 275/01)

SWITZERLAND

Gas Family	2nd Family		3rd Family					
Gas Group	Group H		Group P			Group B		
	minimum	maximum	minimum	nominal	maximum	minimum	nominal	maximum
Gross Calorific Value (GCV) [MJ/m³]	36,20	44,74	—	95,65	—	—	125,81	—
Wobbe index [MJ/m³]	48,82	53,48	—	76,84	—	—	87,33	—

Gas composition by volume in % of the total content:

	minimum	nominal	maximum	minimum	nominal	maximum	minimum	nominal	maximum
C_1 to C_5 content (sum)	96	97,46	100	[a]	—	100	[a]	—	100
N_2 + CO_2 content	—	—	2,50	—	—	[b]	—	—	[b]
CO content	—	—	3,00	—	—	—	—	—	—
Unsaturated HC content	—	—	—	—	—	—	—	—	—
Hydrogen content	—	—	1,99	—	—	[b]	—	—	[b]

Information on toxic components contained in the gaseous fuel:

Tetrahydrothiophen (THT) in mg/Nm³ natural gas	10,0	—	30,0	—	—	—	—	—	—
Ethyl mercaptan (EM) in mg/Nm³ gas (Propane/Butane)	—	—	—	7,1	—	25,0	8,2	—	30,0
Carbonyl sulfide (COS) + elementary Sulfur in mg/kg (ppm) in (Propane/Butane)	—	—	—	—	—	5	—	—	5

Supply pressure:

	minimum	nominal	maximum	minimum	nominal	maximum	minimum	nominal	maximum
Supply pressure at the inlet of appliances [mbar]	17,4	20,0	24,0	25,0 42,5	37,0 50,0	45,0 57,5	(25,0) [c] 25,0 42,5	(29,0) [c] 37,0 50,0	(35,0) [c] 45,0 57,5
Supply pressure at the point of delivery [mbar]	21,4	[d]	[e]	26,85 45,0	37,0 50,0	[f]	(26,45) [c] 26,85 45,0	(29,0) [c] 37,0 50,0	[f]
Admissible pressure loss in the end-user gas installation [mbar]	0	[g]	4,0	0	[g]	1,85 2,50	0	[g]	(1,45) [c] 1,85 2,50

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]	1,013 bar

[a] In the content of C1-C5 (sum) only Propane respectively Butane must be min. 95 g/(100 g) in Weight-%.
[b] The components (sum): Hydrogen + N_2 + O_2 + CH_4 is max. 0,2 g/(100 g) in Weight-%.
[c] Exception for Butane: Additional supply pressure of 28-30 mbar for gas categories I3+ and II2H3+.
[d] Depends on the pressure loss up to the appliance.
[e] Depends on the gas network operators.
[f] Depends on the operating pressure range.
[g] Depends on the diameter of the pipeline.