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GA-MA AD – SKOPJE

Pursuant to Article 123, paragraph (1) of the Energy Law (Official Gazette of the Republic of Macedonia, no.96/18 and Official Gazette of the Republic of North Macedonia, no.96/2019 and 236/22) and Article 53 of the Statute of the Joint Stock Company GA-MA AD Skopje no.02-3/4 of 29.06.2007 and no. 0202-870/8 of 10.06.2015, the Board of Directors of the Joint Stock Company GA-MA Skopje (abbreviated name: GA-MA AD Skopje), upon the previous approval received from the Energy and Water Services Regulatory Commission of the Republic of North Macedonia with the Approval decision of the Network Code for amending the Network Code for the transmission of natural gas of GA-MA AD Skopje, no. 11-3023/4 of 26.12.2022, adopted

NETWORK CODE FOR AMENDING AND SUPPLEMENTING THE NETWORK CODE FOR TRANSMISSION OF NATURAL GAS

Article 1

In the Network Code for transmission of natural gas (Official Gazette of the Republic of North Macedonia no. 45/2009) Article 3 shall be amended and it shall read as follows:

Certain expressions used in this Network Code have the meaning set forth in the Energy Law, Natural gas market rules, Gas balancing rules as well as the ENTSO-G Network Code.

Article 2

The Articles 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 26 shall be deleted.

Article 3

The Article 29 shall be deleted.

Article 4

The Articles 37, 38, 39, 40 and 41 shall be deleted.

Article 5

The Article 46 shall be deleted.

Article 6

Appendix 1 shall be amended and it shall read as follows:

NATURAL GAS QUALITY CHARACTERISTICS

The natural gas delivered to the entry/exit points should meet the following characteristics defined in normal reference conditions:

- The normal reference conditions for temperature, pressure and humidity to be used for natural gas measurements and calculations are 273.15 K (= 0°C) and 101.325 kPa (= 1.01325 bar (absolute)) for true dry gas. - Chemical composition (in mole percent)

Methane (C1) minimum 75

Nitrogen (N2) maximum 6

Carbon dioxide (CO2) maximum 3

- Gross (upper) calorific value:

Maximum 13.67 kWh/m3,

Minimum 10.17 kWh/m3,

- Wobbe index

Maximum 16.33 kWh/m3,

Minimum 13.07 kWh/m3,

- Water dew point

Not higher than minus 8 degrees Celsius (-8°C) at a pressure of 39.2 barg - Temperature of natural gas: from +0°C to +50°C.

Article7

Appendix 2 shall be amended and it shall read as follows:

Locations of entry and exit points of the system:

No.	Facility	Metering and regulating station	Maximum designed inlet pressure P(bar)	Minimum outlet pressure P (bar)
1.	MMS Zidilovo, Kriva Palanka	Q=240.000 Nm^3/h	54-40	Min 36

List of MMRS and MRS of the gas pipeline system

No.	Consumer	Metering and regulating station
1.	MMRS Skopje Sever	Pietro Fiorentini Q=120.000 $Nm^{3/}h$
2.	MMRS Skopje Jug	Pietro Fiorentini Q=120.000 $Nm^{3/}h$
3.	MMRS TAV	Pietro Fiorentini Q=30.000 $Nm^{3/}h$
4.	MMRS Kumanovo	Pietro Fiorentini Q=20.000 $Nm^{3/}h$
5.	Directorate for technological industrial development zones	Pietro Fiorentini Q=10.000 $Nm^{3/}h$
6.	MMRS Kratovo	Pietro Fiorentini Q=5.000 $Nm^{3/}h$
7.	MMRS Kriva Palanka	Pietro Fiorentini Q=5.000 $Nm^{3/}h$
1.	TE-TO AD Skopje	Pietro Fiorentini Q=57.000 $Nm^{3/}h$
2.	TO Istok	Pietro Fiorentini Q=40.000 $Nm^{3/}h$
3.	AD ELEM, Pogon Energetika	Pietro Fiorentini Q=22.500 $Nm^{3/}h$
4.	AD Ohis	Pietro Fiorentini Q=22.500 $Nm^{3/}h$
5.	TO Zapad	Pietro Fiorentini Q=22.500 $Nm^{3/}h$
6.	Skopje-Sever AD Skopje TO Sever	RMG Q=14.000 $Nm^{3/}h$
7.	Makstil AD, Topla Valavnica	RMG Q=2x7.000 $Nm^{3/}h$
8.	FZC 11 Oktomvri Kumanovo	Pietro Fiorentini Q=10.000 $Nm^{3/}h$
9.	MER Klecovce	Pietro Fiorentini Q=10.000 $Nm^{3/}h$
10.	Liberti Skopje, Ladna Valavnica	RMG Q=8.000 $Nm^{3/}h$
11.	Cogeneration gas centre	Pietro Fiorentini Q=7.500 $Nm^{3/}h$
12.	Green Skop Energy DOO – Macedonia	Pietro Fiorentini Q=7.000 $Nm^{3/}h$
13.	Pivara Skopje AD	Pietro Fiorentini Q=6.000 $Nm^{3/}h$
14.	TO 11 Oktomvri	Pietro Fiorentini Q=6.000 $Nm^{3/}h$
15.	Skopski leguri	Pietro Fiorentini Q=3.000-6000 $Nm^{3/}h$
16.	Titan Cementarnica, USJE AD	Pietro Fiorentini Q=1.200-6.000 $Nm^{3/}h$
17.	Kumanovo Gas	Pietro Fiorentini Q=1.200-6.000 $Nm^{3/}h$
18.	Kjojlija	Pietro Fiorentini Q=1.600-4.200 $Nm^{3/}h$
19.	AD Zito Luks, Pogon 8 Mart	Pietro Fiorentini Q=2.500 $Nm^{3/}h$
20.	Komuna – Avtokomanda	Pietro Fiorentini Q=2.500 Nm3/h
21.	MD of RM, Kasarna Ilinden	Pietro Fiorentini Q=2.500 Nm3/h
22.	Lafoma Alkaloid Gjorce Petrov	Pietro Fiorentini Q=2.500 Nm3/h
23.	Military base Straso Pindzur – Petrovec	Pietro Fiorentini Q=2.500 Nm3/h
24.	Clinical Center Mother Theresa Skopje	Pietro Fiorentini Q=2.500 Nm3/h
25.	PHI CGH 8 Septemvri – Skopje	Pietro Fiorentini Q=2.500 Nm3/h
	PHI Zan Mitrev – Skopje	
26.	MZT Energetika	Pietro Fiorentini Q=2.500 Nm3/h
27.	Evropa AD	Pietro Fiorentini Q=1.500 Nm3/h
28.	Makstil AD	Pietro Fiorentini Q=1.500 Nm3/h
29.	JSP Skopje	Pietro Fiorentini Q=1.500 Nm3/h
30.	Alkaloid Avtokomanda	Pietro Fiorentini Q=1.500 Nm3/h

31.	Tgropromet ciglana Kumanovo	Pietro Fiorentini Q=1.500 Nm3/h
31.	Idnina Zmej Kratovo	Pietro Fiorentini Q=1.500 Nm3/h
32.	DS SMITH Skopje	RMG Q=1.000 Nm3/h
33.	CNG-Karpos Partizanska B.S.002	Dresser Q=1.000 Nm3/h
34.	Pucko Petrol	Pietro Fiorentini Q=1.000 Nm3/h
35.	East Gate	Pietro Fiorentini Q=1.000 Nm3/h
36.	Multiprom	Pietro Fiorentini Q=1.000 Nm3/h
37.	CNG – Kumanovo	Dresser Q=1.000 Nm3/h
38.	TAV Macedonia – Petrovec	Pietro Fiorentini Q=500 Nm3/h
39.	Pekabesko AD	Pietro Fiorentini Q=500 Nm3/h
40.	Imperial Tobako TKS – Skopje	Pietro Fiorentini Q=500 Nm3/h
41.	Mit Grup Kompani Kumanovo	Pietro Fiorentini Q=500 Nm3/h
42.	Sweet House Group DOOEL	RMG Q=500 Nm3/h
43.	ASA-BUS DOO Skopje	Pietro Fiorentini Q=300 Nm3/h
44.	Furna Dime	Pietro Fiorentini Q=300 Nm3/h
	Aktiv - Skopje	
45.	Vitalia Skopje	Pietro Fiorentini Q=300 Nm3/h
46.	Fakom Skopje	Pietro Fiorentini Q=300 Nm3/h
47.	Vivaks	Pietro Fiorentini Q=200 Nm3/h
48.	RZ Institute Learnica	Pietro Fiorentini Q=200 Nm3/h
49.	RZ Institute	Pietro Fiorentini Q=200 Nm3/h
	Tehnicki gasovi	Pietro Fiorentini Q=200 Nm3/h
50.	Messer	Pietro Fiorentini Q=200 Nm3/h
51.	SC Boris Trajkovski Skopje	Pietro Fiorentini Q=200 Nm3/h
52.	OU Rajko Zinzifov	Pietro Fiorentini Q=200 Nm3/h
53.	Zdravje Radovo – Pogon Kumanovo	Pietro Fiorentini Q=200 Nm3/h
54.	Porsche Macedonia	GASTEX Q=100 Nm3/h
55.	MAK AUTO STAR	RMG Q=100 Nm3/h
56.	Zito Klas Silbo DOOEL Skopje	RMG Q=100 Nm3/h
57.	SUGS Georgi Dimitrov Skopje	Pietro Fiorentini Q=100 $Nm^{3/h}$
58.	SGGU Zdravko Cvetkovski Skopje	Pietro Fiorentini Q=100 $Nm^{3/h}$
59.	Makpetrol AD Skopje	Pietro Fiorentini Q=100 $Nm^{3/h}$
60.	SUGS Arseni Jovkov Skopje	Pietro Fiorentini Q=100 $Nm^{3/h}$
61.	SUGS Zef Ljush Marku Skopje	Pietro Fiorentini Q=100 $Nm^{3/h}$
62.	American Embassy	Pietro Fiorentini Q=100 $Nm^{3/h}$
63.	KPU Zatvor Shutka	Pietro Fiorentini Q=100 $Nm^{3/h}$
64.	Municipality of Chair	Pietro Fiorentini Q=100 $Nm^{3/h}$
65.	Paper-Pak Kumanovo	Pietro Fiorentini Q=100 $Nm^{3/h}$
66.	Kentaur-Impeks Branch Iskra Kumanovo	Pietro Fiorentini Q=100 $Nm^{3/h}$

Transitional provision

Article 8

Until the entry into force of the Network Code for natural gas transmission based on Article 123 of the Energy Law ("Official Gazette of the Republic of Macedonia" no.96/18 and "Official Gazette of the Republic of North Macedonia" no.96/2019 and 236/22) the contractual conditions for the transmission of natural gas (contained in the Agreement for transmission of natural gas) approved by the Energy and Water Services Regulatory Commission of the Republic of North Macedonia will be applied accordingly.

Final provision

Article 9

These provisions shall enter into force on the day following that of its publication in the "Official Gazette of the Republic of North Macedonia".

No. 0302-2528/1
27 December 2022
Skopje

GA-MA - Skopje
Executive director,
Aleksandar Arsikj