



Limited Liability Company
RN-Tuapse Oil Refinery
Legal address and production address:
Russian Federation, 352800, Krasnodar Territory, Tuapse, Sochinskaya Str. 1
e-mail: tnpz@m-tnpz.ru, Tel.: 8(86167) 2-36-15/ 8(86167) 2-76-52, 77-500
ISO 9001:2015 Quality Management System Certificate No. 17.2088.026
Certificate validity period: until 25.12.2020
RF, 352800, Krasnodar Territory, Tuapse, Sochinskaya Str. 1
e-mail: tnpz@m-tnpz.ru, Tel.: 8(86167) 2-36-15/8(86167) 2-76-52, 77-500

CERTIFICATE No. 1309

Hydrocarbon gases liquefied fuel grades butane technical (BT) according to GOST R 52087-2018

Declaration of Conformity of the EAEU N RU D-RU.A21.V.01109/19
Valid until 27.06.2022

Designation of documents establishing fuel requirements:
GOST R 52087-2018 "Liquefied petroleum fuel gases.
Technical specifications" BT grade.
Technical Regulations of the Eurasian Economic Union TR EAEU
036/2016. "Requirements for liquefied petroleum gases for
their use as fuel"

OKPD 2 Code	19.20.31.120
Batch number:	16294
Date of manufacture:	29.07.2020
Batch size (weight), tons:	327.056
Sampling site (according to GOST 14921 -2017):	res. No. Ep-6
Filling level, mm:	5,626
Test date:	29.07.2020

The certificate was issued on the basis of the test report(s): No. 2664 dated 29.07.2020.

No. Item No.	Name of the indicator	Test method according to the EAEU TR 036/2016; GOST R 52087-2018	Norm no TR EAEU 036/2016	The norm according to GOST R 52087-2018	Actual value
1.	Mass fraction of components, % : - the amount of methane, ethane and ethylene	GOST 10679-2019	not standardized	Not standardized, Definition required	Less than 0.005%
	- the amount of propane and propylene		not standardized	Not standardized, Definition required	31.18
	- the amount of butanes and butylenes		not standardized	minimum 60	68.82
2.	Volume fraction of liquid residue at 20°C, %	GOST 52087-2018 item 8.2	maximum 1.8	maximum 1.8	0.50
3.	Saturated vapor pressure, excessive, at temperature + 45°C, MPa	GOSTR 50994-96 (GOST 28656-2019)	maximum 1.6	maximum 1.6	0.79
4.	Mass fraction of hydrogen sulfide and mercaptan sulfur, % including hydrogen sulfide, %	GOST 22985-2017	maximum 0.013	maximum 0.013	0.0130
			maximum 0.003	maximum 0.003	0.0030
5.	Free water and alkali content	GOST 52087-2018 item 8.2	Absence	Absence	Absence
6.	Odor intensity, Point	GOST 22387.5-2014	minimum 3	minimum 3	3

Conclusion: Liquefied petroleum fuel gas **meets the requirements:**

- GOST R 52087-2018 "Liquefied petroleum fuel gases. Technical specifications" BT grade.
- Technical Regulations of the Eurasian Union of the EAEU TR 036/2016 "Requirements for liquefied Petroleum gases for their use as fuel" (Decision of the Council of the Eurasian Economic Commission No. 68 of 09.08.2016) (Appendix).

Additional Information:

- transportation and storage according to GOST R 52087-2018 section 9;
- the warranty period of storage is 6 months from the date of manufacture

Position Dispatcher signature */signature/*
(based on power of attorney No. 290 dated December 23, 2019)

Full Name T.V. Kozlova

Date of issue of the certificate 29.07.2020

Seal:
RN-Tuapse Oil Refinery LLC
For product certificates

Appendix to the quality certificate No. 1309 dated 29.07.2020

Hydrocarbon gases liquefied fuel grades butane technical (BT) according to GOST R 52087-2018

Nos. Item No.	Designation of a legislative act, regulatory document or set of rules	Information required for the product description		
		Name of indicator	Testing method	Actual value
1.	Tax Code of the Russian Federation, Article 181, item 1, sub-item 11	The aggregate state at a temperature of 20 ° C and a pressure of 760 mm Hg.	visually	Gas
2.		Volume fraction of propane and propylene, %	GOST 10679-2019	33.9
3.		Volume fraction of butane and butylene, %	GOST 10679-2019	66.1
4.		Density at 20°C, kg/m3	GOST 10679-2019	545