



Branch of the Public Joint Stock Company
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CERTIFICATE No. 10854

Electrode coke grade C TS 0258-004-05766540-2008

Designation of documents establishing requirements for products:

TS 0258-004-05766540-2008 "Electrode coke. Technical Specifications"

OKPD2 code: 19.20.42.110

Batch No.: 10854

Date of production: 08.11.2019.

Size (weight) of the batch: 68.90 t

Place of sampling (under GOST 16799-79): open wagons

Sampling date: 08.11.2019.

Date of testing: 08.11.2019.

The certificate is issued on the basis of: test report of 08.11.2019 No. 10854

Index Name	Test method	Standard acc. to TS 0258-00405766540-2008	Actual value
1. Mass fraction of total moisture, %	GOST 27588-91	not more than 3.0	11.8
2. Ash content, %	GOST 22692-77	not more than 1.0	0.40
3. Mass fraction of sulfur, %	GOST 1437-75	not more than 6.0	4.83
4. Mass fraction of volatiles, %	GOST 22898-78	not more than 12.0	11.1
5. Mass fraction of minor items with particle size, %: - less than 8.0 mm - less than 1.0 mm	GOST 22898-78	not more than 90 not specified	67.3 17.8
b. Mass fraction, % - vanadium - iron - silicon - nickel - sodium	IP 470/05	- - - - -	— — — — —

Additional requirements (Contract for the supply of petroleum products No. BNF/P/8/288/18/NPR dated 30.08.2018)			
Index Name	Test method	Contractual rate	Actual value
1. Ash content (Ad), %	GOST 22692-77	not more than 1.0	0.36
2. Mass fraction of sulfur (Sd), %	GOST 1437-75	not more than 4.8	4.30
3. Release of volatiles (Vd), %	GOST 22898-78	not less than 15.0	21.0
4. Mass fraction of minor items with particle size, %: - less than 8.0 mm - less than 1.0 mm	GOST 22898-78 cl. 4.3 GOST 22898	not more than 90 not specified	52.5 22.7

Conclusion: Electrode coke grade C TS 0258-004-05766540-2008

is compliant with the requirements:

- TS 0258-004-05766540-2008 "Electrode coke. Technical Specifications".

Additional information:

- the indicator by cl. 1 "Mass fraction of total moisture" is not a rejection and serves for calculation with the consumer;

- the indicator for item 6 "Mass fraction of vanadium, iron, silicon, nickel, and sodium" for coke of grades B and C is not standardized, and is determined by agreement with the consumer;

- aggregate state at a temperature of 20°C and a pressure of 760 mm Hg is solid;

- transportation acc. to cl. 6.1 TS 0258-004-05766540-2008, storage acc. to GOST 1510-84 and cl. 6.3, 6.4 TS 0258-004-05766540-2008;

- the manufacturer, Bashneft-Ufaneftekhim - a branch of PJSC ANK Bashneft, guarantees that the quality of the electrode coke meets the requirements of TS 0258-004-05766540-2008 if the consumer complies with the transportation and storage conditions of the electrode coke in accordance with GOST 1510-84 for 2 years;

- Safety Data Sheets No. 67826502.02.40902.
