



Branch of the Public Joint Stock Company  
Joint Stock Oil Company Bashneft, Bashneft-UFANEFTEKHIMI  
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Testing Center - Quality Control Division (Central Plant Laboratory)  
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CERTIFICATE No. 8187  
Electrode coke grade B 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.: 8187

Date of production: 24.09.2017  
Size (weight) of the batch: 496.00 t  
Place of sampling (under GOST 16799): Open wagons  
Sampling date: 24.09.2017  
Date of testing: 24.09.2017

The certificate is issued on the basis of: test report of 24.09.2017 No. 8187

Index Name	Test method	Standard acc. 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	- - - - -	— — — — —

**Conclusion:** Electrode coke grade B 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 b "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;
- transportation acc. to cl. 6.1 TS 0258-004-05766540-2008, storage acc. to GOST 1510 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 for 2 years;
- Safety Data Sheets No. 67826502.02.40902.