



Job File No.181202/149114-0828/M-NK-2017

INSPECTION REPORT

Инспекционный отчет

INSPECTION PLACE Место инспекции	: Vostochny open cut, Novosibirsk region, Russia разрез Восточный, Новосибирская область, Россия
SCOPE OF SERVICES Перечень услуг	: Sampling and Analysis отбор проб и анализ
COMMODITY Груз	: Coal 70-100 mm grade "AK" (as declared) in rail cars уголь 70-100 мм марки "AK" (как заявлено) в вагонах
RAIL CARS COMMENCED LOADING Дата начала погрузки вагонов	: 04.08.2017 04.08.2017
RAIL CARS COMPLETED LOADING Дата окончания погрузки вагонов	: 04.08.2017 04.08.2017
INSPECTION COMPLETED Дата окончания инспекции	: 05.08.2017 05.08.2017
QUANTITY Количество	: 346.00 MT 346.00 MT
LOADED INTO погруженный в	: 5 rail cars 5 вагонов
DESTINATION Направление	: Romania via Reni Румыния через Рени

THIS IS TO REPORT that, in accordance with instruction received from our Principal, **OOO "Razrez Vostochny"**, to perform sampling and analysis of the above mentioned shipment, we hereby report the following.

Настоящим удостоверяется, что в соответствии с инструкциями, полученными от нашего Заказчика, **ООО "Разрез Восточный"**, нами проведены отбор проб и анализ вышеупомянутой партии товара со следующими результатами.

QUANTITY: 5 rail cars* with Nos. listed below with coal of total net weight (as declared) **346.00 MT** were presented for inspection:

Количество: нами были проинспектированы **5 вагонов*** с ниже перечисленными номерами и общим весом нетто (как заявлено) **346.00 MT**:
52345105 53798476 52989134 59373225 55932347

Note: *as it could be visually ascertained there were sporadic lumps of coal up to 300 mm in size on the top of the stockpile.

Примечание: *как можно было установить визуально, на поверхности штабеля присутствовали единичные куски угля до 300 мм.

MANUAL SAMPLING FROM RECLAIMING STOCKPILES during loading of the above designed rail cars - SGS, performed as per ISO 18283 5.6.4. and Annex B.3. Manual sampling was performed under protocols stipulated in ISO Standards. Due to access limitations at the sampling location, increments were collected from freshly exposed static surface of the material, on a random time interval basis, of unknown / random estimated mass interval, with fixed increment mass. The samples collected have an indicative value, but cannot be deemed representative of the total Lot. Sampling from static stocked material is inherently dangerous. Increments were collected from the safest accessible point in accordance with the Operator's rules and regulations.

Manual Sampling method was agreed to with the SGS Principal, as sampling by more reliable methods that provide probability samples was not possible or was not selected by the SGS Principal. The Holder of this document is cautioned that collected MANUAL samples of this type do not satisfy the minimum requirements for probability sampling, and as such cannot be used to draw statistical inferences such as

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precision, standard error, or bias. The suitability of this sampling method is defined by the sampling standard.

РУЧНОЙ ОТБОР ПРОБ В ПРОЦЕССЕ ЗАБОРА ТОПЛИВА ИЗ ШТАБЕЛЯ, выполнен во время погрузки вышеуказанных железнодорожных вагонов, произведен SGS в соответствии с ISO 18283 5.6.4 и Приложением В.3. Ручной отбор проб был выполнен в соответствии с требованиями стандарта ISO. В связи с ограничениями на проход к месту отбора точечные пробы были отобраны со свежесформированной неподвижной поверхности груза через произвольно выбранные промежутки времени при неизвестных или приблизительно определенных объемах перемещенного груза, с фиксированной массой инкремента. Отобранные пробы носят индикативный характер и не могут считаться представительными для всей партии груза. Отбор проб из неподвижного штабеля является опасным по определению. Отбор точечных проб произведен из безопасных доступных точек в соответствии с Правилами и требованиями отправителя.

Ручной метод отбора проб был согласован с Клиентом SGS, поскольку отбор проб более надежными методами, которые обеспечивают представительность проб, был невозможен или не был выбран Клиентом SGS. Держатель настоящего документа предупрежден о том, что отбор проб РУЧНЫМ способом не удовлетворяет минимальным требованиям представительного пробоотбора, а значит, не может быть использован для установления статистической погрешности, такой, как точность, стандартная ошибка или отклонение результата. Соответствие применения данного метода определена стандартом отбора проб.

ANALYSES: Analysis of sample № 0828 was performed in SGS laboratory with results as follows:

The laboratory (JSC SGS Vostok Limited, affiliate in the city Novokuznetsk) is accredited by (РОСС RU.0001.21ТУ38) and conforms to the requirements of ГОСТ ИСО/МЭК 17025-2009 for specific tests.

Анализы: Анализ пробы № 0828 был проведен в лаборатории SGS. Результаты анализа следующие:

Настоящая Лаборатория (АО СЖС Восток Лимитед, филиал в г. Новокузнецк) имеет сертификат об аккредитации (РОСС RU.0001.21ТУ38) и соответствует всем требованиям ГОСТ ИСО/МЭК 17025-2009 в отношении специальных исследований.

Basis Reported Базовое состояние	Moisture, % ISO 589:2008, Массовая доля влаги, %	Ash, % ISO 1171:2010 Зольность, %	Yield of volatile matter, % ISO 562:2010 Выход летучих веществ, %	Total sulphur, % ISO 19579:2006 Содержание общей серы, %	Gross calorific value, kcal/kg ISO 1928:2009 Высшая теплота сгорания, ккал/кг
As received Рабочее	7.2	6.4	2.6	0.22	7005
Dry basis Сухое		6.9	2.8	0.23	7548
Dry ash Free Сухое беззольное			3.0	0.25	8105

Net Calorific Value (as received) was calculated in accordance with ISO 1928:2009 (Pt. 12.2.2.1 и Pt.

E.3.3): 6903 kcal/kg

Низшая теплота сгорания (рабочее состояние) рассчитана в соответствии с ISO 1928:2009 (п.12.2.2.1 и п.Е.3.3)

Gross Calorific Value (moist ash free basis) calculated according to ГОСТ 27313-2015 (ISO 1170:2013, NEQ):

7445 kcal/kg

Высшая теплота сгорания (на влажную беззольную основу) рассчитанная по ГОСТ 27313-2015 (ISO 1170:2013, NEQ)



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Screen test was performed in accordance with ISO 1953 with results as follows.

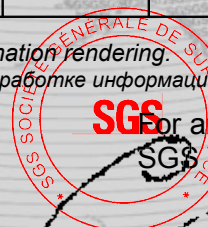
Ситовый анализ был проведен в соответствии с ISO 1953. Результаты анализа следующие:

Nominal Top Size (mm) Класс		+100	70-100	50-70	25-50	0-25
Yield (%) Выход	Coal Уголь	11.2	61.7	20.8	4.4	0.3
	Joint Сростки	0.0	0.0	0.0	0.0	0.0
	Rock Порода	0.0	1.2	0.3	0.1	0.0
	Total Всего	11.2	62.9	21.1	4.5	0.3

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Настоящий документ является подтверждением оказания услуг по сбору и обработке информации.

Signed and dated
in Novokuznetsk / ES
07 August 2017



SGS for and on behalf of
SGS Vostok Limited



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