

# P.T. Beckjorindo Paryaweksana

Cargo & Marine Surveyor, Technical Inspection, Fumigation and Pest Control

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Member of :  
Assoc. of Independent Surveyor Indonesia (AIS)  
Assoc. of Pest Control Co Indonesia (ASPPHAMI)  
Fed. of Oil, Seed and Fats Assoc. Ltd. (FOSFA)  
Grain and Feed Trade Association (GAFTA)

## **TEST REPORT**

Cert. No. 211822

DATE : June 06, 2022

CLIENTS REFERENCE : No. 218/BPL/VI/22

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IN ACCORDANCE to an order received from clients requesting us to carry out testing the sample to follows:

### **SUBJECT**

Evaluation of "COCONUT SHELL CHARCOAL BRIQUETTE" Sample for Self-Heating Substance Test

### **CLIENTS**

PT. COCO TOTAL KARBON INDONESIA  
Jl. Mayor Unus km 1.5 Soroyudan, Magelang, Central Java, Indonesia  
Phone: +62 853 28727291  
Email: export@charcoal.pro

### **SAMPLE SUBMISSION DATE**

June 03, 2022

### **DESCRIPTION OF SAMPLE**

One packet of Coconut Shell Charcoal Briquette sample was received

### **DATE OF ANALYSIS**

June 03, 2022, up to June 04, 2022

### **SAMPLE NUMBER**

022/BP-SBA/VI/2022



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## **TEST REPORT**

### **METHOD OF TEST**

The self-heating substance test was performed according to United Nations "Recommendation on the Transport Dangerous Goods, Manual of Tests and Criteria" (33.3.1.3.3) Self-heating substance, using the method of UN 33.3.1.6 "Test N.4: Test method for self-heating substance".

The sample in the received form was then placed into a 100mm cubic mesh sample container made of stainless steel. The container was then hung at the center of the oven. The oven temperature was slowly raised to 140°C and kept constant for 24 hours. The temperature at the center of the sample and the temperature between the container and oven were recorded continuously.

### **RESULT**

Table 1: Analysis Result for "COCONUT SHELL CHARCOAL BRIQUETTE" Sample

Sample	Oven Temperature (°C)	Cube Size (mm)	Maximum Temperature Reached (°C)	Result
COCONUT SHELL CHARCOAL BRIQUETTE	140°± 2	100	168.2	Negative

The above result showed that the "COCONUT SHELL CHARCOAL BRIQUETTE" sample should not be classified in Division 4.2 – *Substance liable to spontaneous combustion*.

### **REMARK**


The 24 hours temperature profiles were enclosed in pages 3 for your reference. T1 represented the temperature in the center of the sample. T2 represented the temperature between the container and the oven wall.

The above findings are based on the tested sample only, this report is valid within 90 days from the date of issued.

  
Ade Septiana  
Quality Control Manager

PT. Beckjorindo Paryaweksana  
Testing Laboratory



  
Cyandri Damayanti  
Head of Laboratory



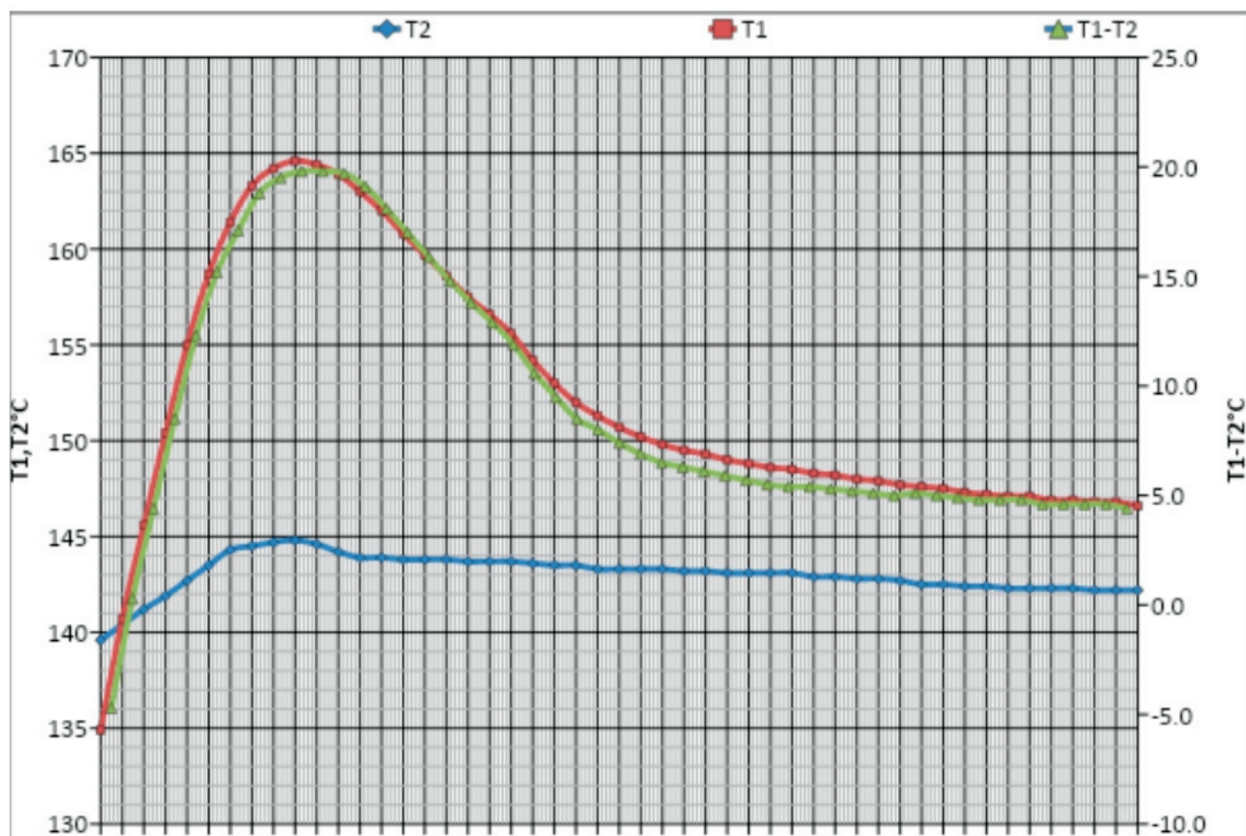


## TEST REPORT

### 24 hours Temperature Profile of "COCONUT SHELL CHARCOAL BRIQUETTE" at $140^{\circ}\text{C} \pm 2^{\circ}\text{C}$ (100mm cube)

START TIME : June 03, 2022 at 11:00  
STOP TIME : June 04, 2022 at 11:00  
ELAPSED TIME : 24 hours  
INTERVAL : 30 minute  
TOTAL READINGS : 49  
THERMOCOUPLE TYPE : K  
SCALING : none

	Max Time Stamp	Max	Average	Min	Min Time Stamp
T1	June 03, 2022 at 16:30	164.6°C	152.1°C	134.9°C	June 03, 2022 at 11:00
T2	June 03, 2022 at 16:30	144.8°C	143.0°C	139.6°C	June 03, 2022 at 11:00
T1-T2	June 03, 2022 at 16:30	19.8°C	9.1°C	-4.7°C	June 03, 2022 at 11:00





## **TEST REPORT**

Please note that this Report is issued under the following terms:

1. This report applies to the sample of the specific product/equipment given at the time of its testing/calibration. The results are not used to indicate or imply that they are applicable to other similar items. In addition, such a result must not be used to indicate or imply that BP approves, recommends, or endorses the manufacturer, suppliers, or user of such product/equipment, or that BP in any way "guarantees" the later performance of the product/equipment. Unless otherwise stated in this report, no tests were conducted to determine the long term effects of using the specific product/equipment.
2. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client. BP, therefore, assumes no responsibility for the accuracy of the information on the brand name, model number, origin of manufacture, consignment, or any information supplied.
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