



PT. BERKAH AGUNG SEMESTA JAYA

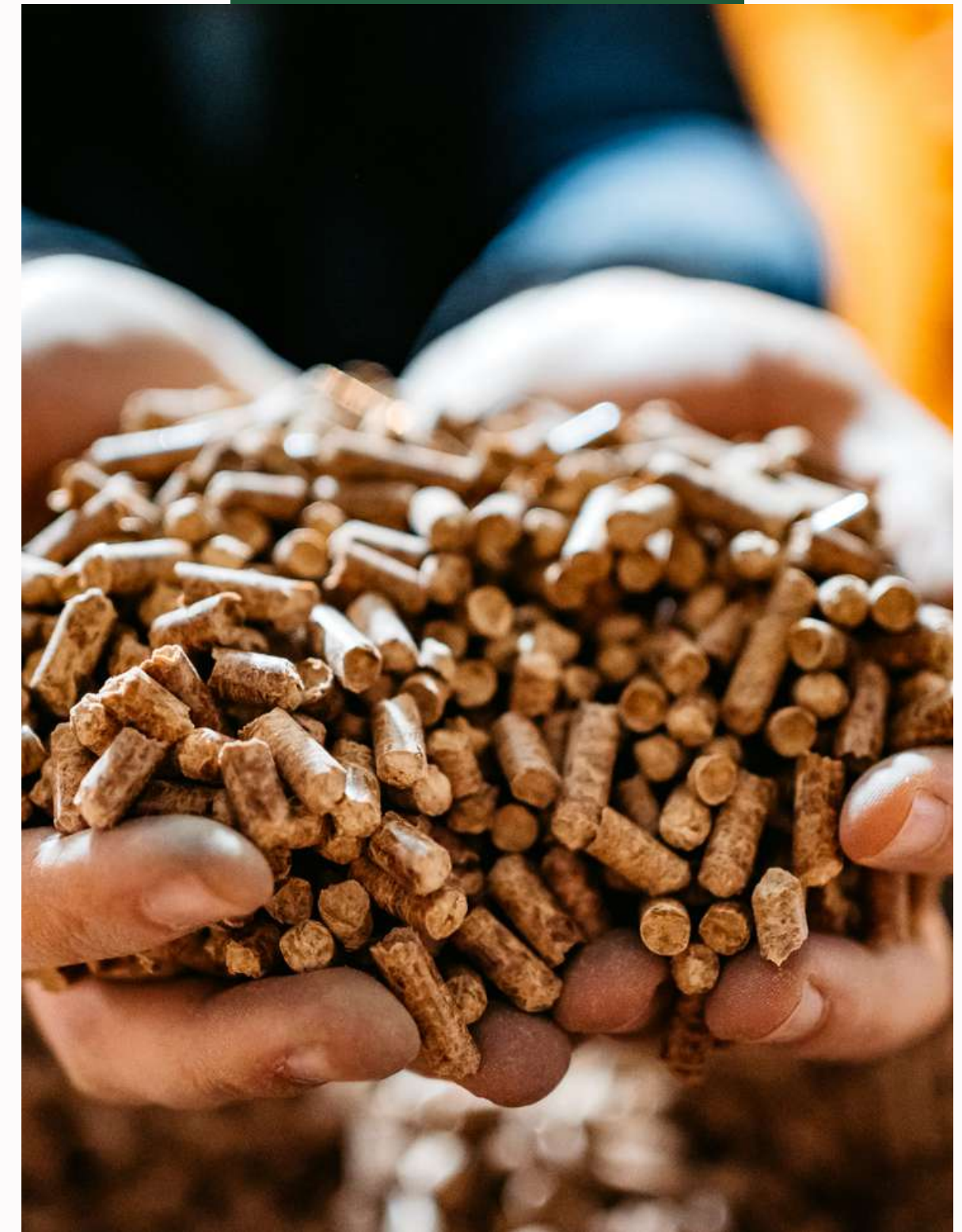


PT. BERKAH AGUNG SEMESTA JAYA

ABOUT US

PT. Berkah Agung Semesta Jaya was established in 2015, in the City of Tebing Tinggi, North Sumatra, Indonesia. Noticing the potential that exists in the land of Indonesia, **PT Berkah Agung Semesta Jaya is committed in preserving nature through the production of Wood Pellets** as a source of **biomass energy**.

Every wood pellet we produce adheres to our strict quality criteria, surpassing the benchmarks set by the industry. **PT. Berkah Agung Semesta Jaya constantly strives to produce high quality wood pellets**, with such unwavering commitment to creating **the most exceptional quality wood pellets worldwide**.



WHERE WE ARE

Dusun II Desa Paya PAsir, Kec. Tebing Syahbandar, Kab. Sedang Bedagai, Sumatera Utara, Indonesia.

- 1.5 hour from Belawan International Port
- 1 hour from Kualanamu International Airport



Serbelawan



PT. BERKAH AGUNG SEMESTA JAYA



PT. BERKAH AGUNG SEMESTA JAYA

VISION

PT. Berkah Agung Semesta Jaya aims to be the global leader in sustainable and renewable energy solutions, providing premium wood pellets that exceed customer expectations in terms of quality, performance, and environmental impact.

MISSION



Preserve

Our company is committed to further support the ongoing green agenda of reducing the impact of fossil fuels on the environment.



Provide

Producing sustainable and superior quality wood pellets as a green alternative energy source, promoting a greener future for individuals and businesses.



Pursue

Continually innovating and improving our manufacturing processes to produce wood pellets with superior combustion efficiency, low emissions, and consistent quality.

PRODUCTIONS



Sawdust



Shaving



Wood Chip




Wood Pellet

CERTIFICATIONS



PT. BERKAH AGUNG SEMESTA JAYA

Bureau Veritas Certification



PT Berkah Agung Semesta Jaya

Dusun II, Paya Pasir, Tebing, Syahbandar, Sumatera Utara, 20998, Kab. Serdang Bedagai, INDONESIA

Bureau Veritas Certification Holding (BVCH) certifies that the company has implemented a FSCTM product groups control system according to the Forest Stewardship Council™ certification system, in the above location and complies with the requirements of Standard:

FSC Chain of Custody Certification standard, Ref.: FSC-STD-40-004 V3-1

For its activities concerning:

Manufacturer of wood pellets certified FSC 100%.*

*Updated list of products & species on the FSC database (info.fsc.org)

Type of certification: Single

Original certification date:	09-11-2020
Certification start date:	09-11-2020
Expiration date:	08-11-2025
FSC Certificate code:	BV-COC-161086
Certificate No. / Version:	ID003504/2
Contract No.:	15186382
Issue date:	29-06-2023

Nicolas MEY
Signed on behalf of BVCH

The validity of this certification shall be verified on: info.fsc.org
This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC-certified or FSC Controlled Wood. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on sales and delivery documents.
Bureau Veritas Certification Holding - 8, cours du Triangle - 92800 Putaux - France: www.bureauveritas.com
Certification decision office: Bureau Veritas Certification China, Room 03, 9 / F, West Office Building 1, Oriental Economic and Trade City, Oriental Plaza, No.1 East Chang'an Street, Dongcheng District, Beijing, P.R.C. 100738
Contracting office: Bureau Veritas Certification Indonesia
A list of the products or services that are included in the scope of the certificate may be obtained on request to Bureau Veritas Certification. This certificate remains the property of Bureau Veritas Certification, all copies or reproductions and the certificate itself shall be returned or destroyed on Bureau Veritas certification request. All certificates not in English are for reference only.

FSC CoC Certificate rev 8.0 1/1 May 15, 2023



Sorbi
International Certification
JL. RAYA CIFOR L12 KEL. BITUGEDE
BOGOR BARAT - BOGOR - JAWA BARAT

CERTIFICATE OF LEGAL WOOD

115-SIC-04.02

Issue Date : May 3, 2023
Amendment Date : April 26, 2023



KAN
Komite Akreditasi Nasional
LVLK-007-IDN

Expiry Date : May 2, 2029

PT SARBI INTERNATIONAL CERTIFICATION
issue a certificate of legal wood to :

PT BERKAH AGUNG SEMESTA JAYA
The Manufacture

National Single Window For Investment Decree
Regency Serdang Bedagai Number : 0002/09/III/DPMP2TSP-SB/2019 March 6, 2019
Risk Based Approach NIB : 9120201811362 August 4, 2022
Production : Wood Pellet : 200.000 Metric ton/year
Investment : Rp. 25.000.000.000,-
at
Serdang Bedagai
North Sumatera
Pass



Ir. IIN INDASAH
President Director



Ir. SAEFULLOH
Director of Operations

The Company has complied with the Timber Legality Assurance System standard
Regulation of the Minister of Environment and Forestry of the Republic of Indonesia Number : 8 year 2021;
Decree of the Director General of Sustainable Production Forest Management Number: SK.62/PHPL/SET.5/KUM.1/12/2020; Appendix 4.1 & Appendix 4.3

PRODUCTION CAPACITY

Status of Product capacity

Existing

No	Name & Type Machine	Unit	Max Capacity : Ton / hour	Working hours / day	Working days/ month	Total / month	Total / Years
1	Boiler / tungku pemanas /Dryer	1	6	24	30	4,320	90,720
		1	3	24	30	2,160	
		1	1.5	24	30	1,080	
Total		3	10.5	72	90	7,560	
2	Mesin Cincang / Cacah Kecil	5	1	20	30	3,000	172,800
		1	4	20	30	2,400	
		1	15	20	30	9,000	
		Total	7	20	60	90	
3	Pelletizer	6	1	20	30	3,600	104,400
		4	1.5	20	30	3,600	
		1	2.5	20	30	1,500	
Total		11	5	60	90	8,700	

As per year of 2023, PT. Berkah Agung Semesta Jaya has reached the capability to produce 104,000 tons of Wood Pellet yearly.

And in addition to current expansion, in year of 2024 forward, PT. Berkah Agung Semesta Jaya will be able to produce 135,000+ tons of Wood Pellet yearly.

New

No	Name & Type Machine	Unit	Max Capacity : Ton / hour	Working hours / day	Working days/ month	Total / month	Total / Years
1	Boiler / tungku pemanas /Dryer	1	6	24	30	4,320	51,840
2	Pelletizer	3	1.5	20	30	2,700	32,400

Note: Work shifts - per 2 shifts

FACTORY OVERVIEW



PT. BERAH AGUNG SEMESTA JAYA



- Stock Pile
- Dryer
- Chipper

Lab

Pelletizer

- Packing
- Stuffing

Weighting

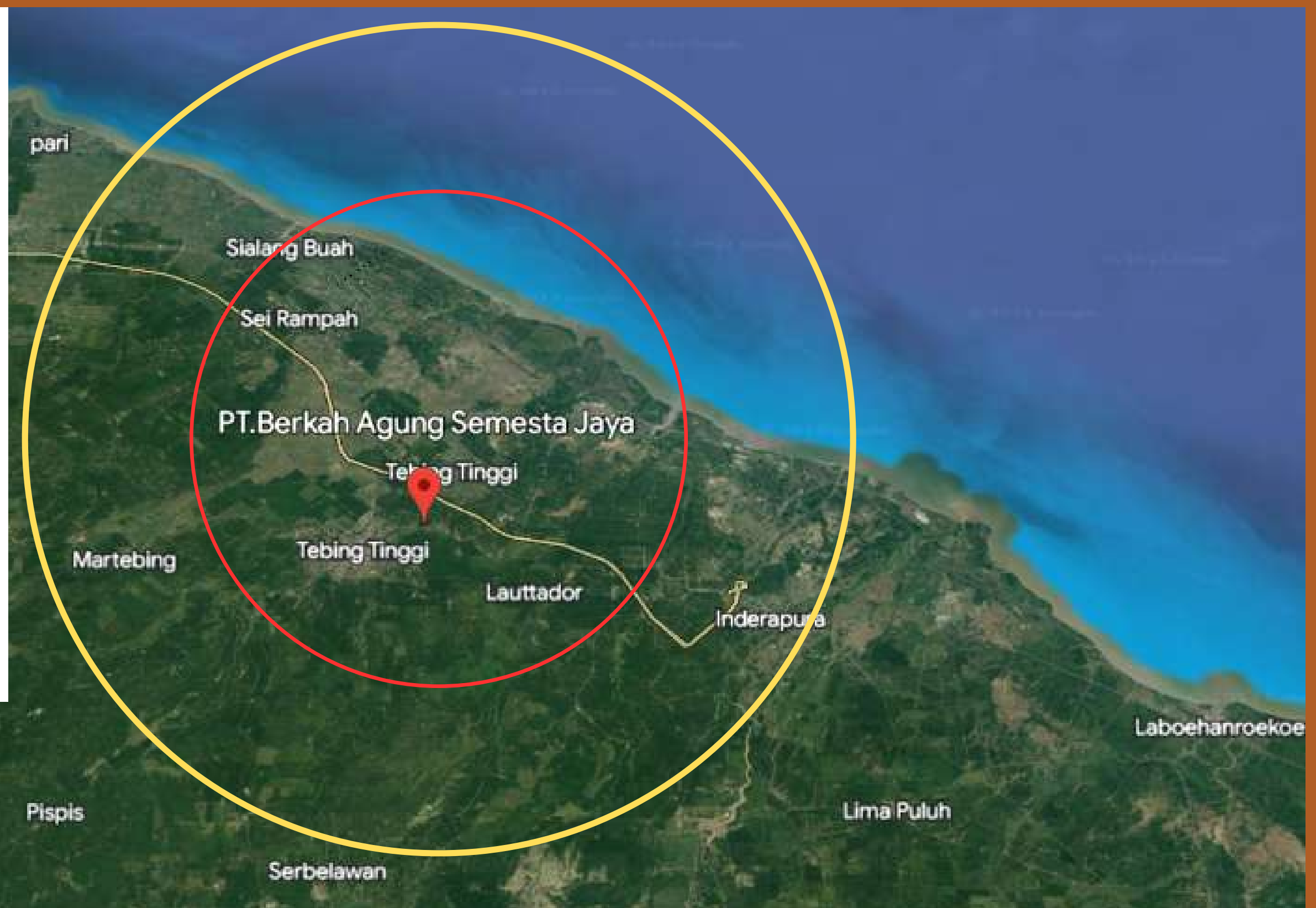


PT. BERKAH AGUNG SEMESTA JAYA

SUPPLY CHAIN OVERVIEW

COLLECTION LOG AND SAWDUST FACILITIES NEAR FACTORY

- Log Processing Facilities
 - Radius 50KM: 9
 - Radius 80KM: 14
 - Product: 3,600M³/day
 - * 1,100 - 1,200DT
 - * Byproduct 500 - 700DT
 - *Purchasable Byproducts: 200-350DT/day
- Small Scale Sawmill
 - Radius 50KM: 70-100 units
 - Radius 80KM: 100-120 units
 - Product: 700-800M³/day
 - * 230 - 270DT
 - * Byproduct 110 - 130DT
 - Slab: 7-80DT, Sawdust: 30-50DT
 - *Purchasable Byproducts: 200-300DT/day



MATERIALS

(Micro Scale Log Supply Chains)



PT. BERKAH AGUNG SEMESTA JAYA



PROCESSING MATERIALS



PT. BERKAH AGUNG SEMESTA JAYA

1. MATERIAL



Log



Slab



Veneer



Sawdust

2. CHIPPING



Slab



Wood Chipper



Hammer Mill



3. SECONDARY DRYING



Dryer



Screen



Test MC



PELLET PROCESSING



PT. BERKAH AGUNG SEMESTA JAYA

4. WOOD PELLET MILL



10 units of Pelletizer



- Cooling
- Screening
- Packing



5. PRODUCT PACKAGING



Stuffing Container
Jumbo Bag, Bulk, Weight Truck



PT. BERKAH AGUNG SEMESTA JAYA

ANALYSIS REPORTING

(In house test facilities for MC /Calorie / ASH)



OTHERS



PT. BERMAH AGUNG SEMESTA JAYA

SGS SUBMITTED SAMPLE ANALYTICAL REPORT

SGS Reference: 2022-010 Date Issued: 1 February 2023
 Client Reference: Maud Pabrik Date(s) Tested: 27 January 2023
 Client Reference 2: Principal: PT. BERMAH AGUNG SEMESTA JAYA
 Sample Type: Solid Bulk Fuel Address:
 Sample Received From: Client
 Sample Description: Plastic bag, good condition without seal City, State, Postal:
 Date Sample Received: 28 January 2023 1:30:00 PM Country:
 Seal Number(s): 27 January 2023 0:41:00 PM Address:
 Date Confirmed: 27 January 2023 0:41:00 PM

The analytical, which the findings recorded herein (the "FINDINGS"), were drawn and/or reported by the Client or a third party acting on Client's direction. The findings constitute no warranty of the sample's representability of all the goods and assets sold in the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) in this report is derived.

Additional Information 1
 6-800 by Maud Pabrik sample received by Client
 Sample was packed in unsealed plastic bag, good condition, without seal
 Sample received for use in animal feed

Analysis performed in accordance with ISO Standards or other International Standards and SGS Procedures.

			As-Received Basis (a)	As-Determined Basis (d)	Dry Basis (b)	Dry Ash-Free Basis (c)
Proximate Analysis	Moisture %	%	7.54	7.11	---	---
	Moisture (Total) #	Asst #	1.94	1.94	2.89	---
	Moisture (includable) #	ISO Variable Method #	19.37	19.29	22.24	22.99
	Fixed Carbon (calculation by difference) %	%	14.55	14.58	14.47	18.21
	Total Sulphur #	%	0.29	0.29	0.30	0.30
Calorific Value #	ISO #	4240	4247	4693	4782	
Net CV, constant pressure	ISO #	4233	4240	4364	---	
Net CV, constant volume	ISO #	4266	4266	4673	---	

Analysis performed in accordance with ISO Standards or other International Standards and SGS Procedures.

			As-Received Basis (a)	As-Determined Basis (d)	Dry Basis (b)	Dry Ash-Free Basis (c)
Ultimate Analysis	Total Carbon #	%	46.89	46.89	46.99	46.79
	Total Hydrogen (includes H in moisture) #	%	5.89	5.89	5.49	5.89
	Total Nitrogen #	%	0.29	0.29	0.21	0.22
	Total Sulphur #	%	0.29	0.29	0.30	0.30
	Ash #	%	1.94	1.94	2.29	---
	Oxygen by diff. (includes O in moisture)	%	42.21	42.29	42.91	42.89
	Total	%	100.00	100.00	100.00	100.00
Hydrogen (includes H in moisture)	%	5.59	5.59	5.19	5.59	
Oxygen (includes O in moisture)	%	39.47	39.47	39.49	---	

Signed and dated:
 1 February 2023
 For and on behalf of
 Septiana S B (Lab Supervisor PT. SGS Indonesia)

SGS (Indonesian) PT. SGS Indonesia
 Jalan Pahlawan, Jl. Negeri Pahlawan, Pengalengan Blok A No 4 RT. 18, Kelurahan 10a, Kecamatan Pengalengan, Kabupaten Karangasem, Bali 80614
 0271 488193
 Member of SGS Group

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1 of 2

SGS METHODS

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 Client Reference: Maud Pabrik
 Client Reference 2: Principal: PT. BERMAH AGUNG SEMESTA JAYA
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1 of 2



PT. BERKAH AGUNG SEMESTA JAYA

LET'S BE PARTNER

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Kabupaten Serdang Bedagai, Sumatera Utara, Indonesia 