



INSPEKČNÍ ZPRÁVA / INSPECTION REPORT

63-12579

Produkt: Wood pellets
Product:

Kvalita pelet: ENplus® A1
Pellet quality:

Činnost: Assessment of the production process
Activity:

Objednatel: AP ALTIN PELET ORMAN ÜRÜN. İNŞ.
Customer: İTH.İHR.SAN.VE TİC.
Yeşilköy Mah. Kuyu Çukuru Sk. No:2 Torbalı/Izmir
35860 Izmir
Turkey

Výrobní místo: Yeşilköy Mah. Kuyu Çukuru Sk. No:2 Torbalı/Izmir
Production site: 35860 Izmir
Turkey

Datum vydání Inspekční zprávy: 2025-09-26
Date of issue of the Inspection Report:

Rozdělovník: 1× SZÚ
Distribution list: 1× Objednatel / Customer
1× CB ENplus®
1× National licensor

1. Smlouva / Contract:

Based on order No. I-85097 specified by the confirmed contract No. I-85097/63 an assessment of the production process of solid biofuels was carried out with the requirements set according to the ENplus® certification scheme and documents (standards) ENplus® ST 1001, ENplus® ST 1002, ENplus® ST 1003 and SZU guideline: 0100 M 042 ENplus® Certification process and evaluation according to the criteria established by IP No. 09 for:

Solid biofuels: Assessment of the production process

2. Obecné údaje o společnosti / General information about the company:

Název společnosti / Company name	AP ALTIN PELET ORMAN ÜRÜN. İNŞ. İTH.İHR.SAN.VE TİC.
Adresa / Legal address of the Company	Yeşilköy Mah. Kuyu Çukuru Sk. No:2 Torbalı/Izmir 35860 Izmir Turkey
Adresa pobočky / Operational address of the Company	Yeşilköy Mah. Kuyu Çukuru Sk. No:2 Torbalı/Izmir 35860 Izmir Turkey
Vicemístná společnost / Multisite company	Not a multisite company
Manažer kvality / Quality manager	DİLANUR APAYDIN - Email: apaydndilanur@hotmail.com - Tel.: +90 542 397 1077
Přidružené společnosti / Affiliated companies	No
Poskytovatelé služeb / Service providers	No service providers
ENplus® ID	TR 037
Číslo certifikátu / Certificate No.	O-B-00918-24
Datum Platnosti / Expiration date of the certificate	7/21/2027

Pobočky společnosti / Company sites

No.	Name	Address	Quality manager	Critical business activities ¹⁾	Service provider (yes / no)
1	AP ALTIN PELET ORMAN ÜRÜN. İNŞ. İTH.İHR.SAN.VE TİC.	Yeşilköy Mah. Kuyu Çukuru Sk. No:2 Torbalı/Izmir, 35860 Izmir	DILANUR APAYDIN	1, 3	No

¹⁾ Critical business activities (multiple choice possible): 1 – Production, 2 – Large-scale delivery, 3 – Bagging and trade of bagged pellets, 4 – Storage of pellets (B2C).

3. Inspekce / Inspection:

Inspekční orgán / Inspection body	Strojírenský zkušební ústav, s.p. (SZU)
Certifikační orgán / Certification body	Strojírenský zkušební ústav, s.p. (SZU)
Zkušební laboratoř / Testing body	Strojírenský zkušební ústav, s.p. (SZU)
Inspektor / Inspector	Petr Bíza, MSc.
Druhý inspektor / Second Inspector	-
Inspektor v zácviku / Inspector in training	-
Inspekce / Inspection	Surveillance inspection
Typ inspekce / Type of inspection	On site
Datum inspekce / Date of inspection	04.06.2025

Účastníci inspekce / Inspection participants

Role	Name
Manažer kvality / Quality manager	DILANUR APAYDIN
Jednatel / Executive	Rauf APAYDIN
Zástupce z jiné společnosti / Representative from another company	Ibrahim Türk

4. Produkty / Products:

Druh činnosti / <i>Field of validity</i>	Producer of wood pellets in ENplus® A1 quality class	
Kritické obchodní činnosti / <i>Critical business activities</i>	Production	Yes
	Large-scale delivery of pellets	No
	Bagging and trade of bagged pellets	Yes
	Storage of pellets (B2C)	No
Rozměry pelet / <i>Pellet dimensions</i>	6 mm	
Výroba / <i>Production</i>	Production of bulk pellets	- t
	Production of bagged pellets (uncertified)	165 t
Podej / <i>Sale</i>	Sales of bulk pellets	- t
	Sales of bagged pellets (uncertified)	168,6 t
Skladové množství / <i>Storage</i>	Bulk pellets (period start)	- t
	Bulk pellets (period end)	- t
	Bagged pellets (period start)	3,6 t
	Bagged pellets (period end)	- t
Obchodní názvy produktu / <i>Trade names of the product</i>	PREMERE WOOD PELLET A1 15 kg – TR 037:BD001 - for Europe AP ALTIN ODUN PELET A1 15 kg – TR 037:BD002 - for Turkey All approved by licensor on 19.07.2024	
Obchodní názvy produktu (cizí ID) / <i>Brand names of the product (foreign ID)</i>	None	
Počet zaměstnanců / <i>Number of employees</i>	A total of 7 employees who are in contact with the pellets (including quality manager). Working hours from: Mon – Fri with shift operation: 1 daily – 8 h per day.	
Druhý odběr vzorku / <i>Second sampling</i>	Collection will be made after the current annual inspection.	
Změny / <i>Changes</i>	N/A	

5. Surovina / Raw material:

Změny / <i>Changes</i>	No changes
Původ suroviny / <i>Origin of wood</i>	100 % external purchase
Zdroj suroviny / <i>Source raw material</i>	100 % Chemically untreated by-products and residues from the wood processing industry
Druh dřeva / <i>Raw material species</i>	100 % Pine
Obchodní forma suroviny / <i>Form of raw material</i>	100 % Sawdust
Sklad / <i>Storage</i>	The raw material is stored on the paved ground in a hall with a total capacity of 200 t.
Kontrola a dokumentace suroviny / <i>Control and documentation of raw material</i>	All incoming raw material is visually inspected, weighed and moisture controlled.
Dodavatelé suroviny / <i>Raw material suppliers</i>	The company keeps a list of suppliers. Company currently has three stable suppliers: IGICILER, OMEGA, CELIKLER, DADASLAR. Deliveries are handled through delivery notes.
Certifikace suroviny / <i>Sustainability of raw material</i>	No certification of raw material.
Přídavné látky / <i>Additives</i>	No additives or binders are used.
Surovina k výrobě pelet s konstantní kvalitou / <i>Raw material for the production of pellets with constant quality</i>	The input material is suitable for the production of pellets with constant quality.

6. Výroba / Production process:

Změny / Changes	No changes	
Kroky ve výrobním procesu / Steps in production process	Raw material → Loader → Input bin → Conveyor → Vibrating sieve → Metal separator → Conveyor → Dryer → Conveyor → Cyclone → Elevator → Hopper (2x) → Pellet press (2x) → Conveyor → Cooler → Dust remover → Vibrating sieve → Elevator → Hopper → Bagging line	
Příprava suroviny / Raw material preparation	Dryer	
Sušení / Drying	Raw material is dried by a drum dryer.	
Odstranění nečistot / Separation of contaminants and impurities	Oversized particles and impurities are removed by metal separator and sieve for oversizes.	
Peletovací lis / Pellet press	The raw material is pelletized by one flat die press BIOMAKSAN (0,5 t/h) and one ring die press BANMAK (1,5 t/h) and cooled by a counter-current cooler.	
Odstranění jemných částic / Removal of fines	Vibrating sieve, cyclone and dust removers.	
Balící linka / Bagging line	Company has a manual bagging line NEWTECH – DCS-50FB1 (weighing system: NEWTECH – CB900F) with a total capacity of 3 t/h. The bagging line is calibrated by a third party AS KALIBRASYON. Calibration is performed at an interval of once every year.	
	Calibration:	CL No. K522051810; dated 22.05.2025
Skladování pelet / Storage of pellets	Bulk pellets:	No bulk pellets or big bags production.
	Bagged pellets:	One hall with a total capacity of 500 t with no risk of contamination.
Údržba a čištění / Maintenance and cleaning	The producer carries out regular maintenance and cleaning of production, storage and packaging equipment, transport equipment and operating equipment affecting the quality of pellets	
Fyzické oddělení pelet / Physical separation of pellets	The storage makes it possible to separate pellets of different quality and also non-complying pellets. Storage is protected against moisture and contamination.	

7. Systém řízení kvality / Quality management system:

Dodací dokumentace / Delivery documentation	The producer has established a process of acceptance of incoming goods that includes following documentation: - Receipt of raw materials, list of suppliers (Date, amount etc.) - Origin of wood - Additives		
Hromadná bilance prodeje / Mass balance account	The mass balance account provides overview of individual transactions of the produced and sold ENplus® certified pellets. It contains the following information: - Date, year, volume, ID number, type of pellets - Produced pellets - Outgoing pellets - Stored pellets		
Infrastruktura a vybavení / Infrastructure and equipment	The company determines, provides, and maintains the infrastructure, including technical equipment and installations necessary for the production, storage, and bagging of wood pellets to achieve conformity of the wood pellets with the requirements of ENplus. This request was evaluated based on the following documents: - Physical separation of the raw material - Records on work carried out with an impact on pellet quality e.g., shifts protocols, change of die ... - Production, storage, and bagging processes - Procedure for detecting a non-conforming product		
Odpovědnosti a pravomoci / Responsibilities and authorities	The company has determined necessary competences of personnel that affect the quality of wood pellets and shall ensure that these personnel are competent on the basis of appropriate education, training, and experience. This request was evaluated based on the following documents: - Job description, where the quality manager position is presented in detail - Work instructions - Regular internal training documentation of employees by the quality manager - Maintenance, service and cleaning documentation		
Kompetence / Competences	This system is in charge of persons who regularly participate in training from EPC for the quality managers once every three years, which is mandatory for this position: Quality manager: (In this position since) Last external training: Internal trainings (last training): DİLANUR APAYDIN (11.01.2024) 21.11.2024 Internal trainings are held regularly (27.11.2024)		
Řízení reklamací / Complaints management	Customer complaints are documented and the producer has a procedure for solving them. Number of complaints in 2024: Reasons of complaints: 0 (0 accepted, 0 rejected) Fines: 0 % Overlength: 0 % Contamination: 0 % Other: 0 % (moisture, transport..) Durability 0 % Smell: 0 %		

Používání ochranných známek ENplus® / Usage of the ENplus® Trademark	The company uses the ENplus® trademarks as required. Usage of ENplus® trademarks: <table> <tr> <td>ENplus® Wordmark & Quality class:</td><td>No usage</td></tr> <tr> <td>ENplus® Quality seal:</td><td>Bag design</td></tr> <tr> <td>ENplus® Bag Design:</td><td>Bag design</td></tr> <tr> <td>ENplus® Certification seal:</td><td>Certificate</td></tr> </table>	ENplus® Wordmark & Quality class:	No usage	ENplus® Quality seal:	Bag design	ENplus® Bag Design:	Bag design	ENplus® Certification seal:	Certificate
ENplus® Wordmark & Quality class:	No usage								
ENplus® Quality seal:	Bag design								
ENplus® Bag Design:	Bag design								
ENplus® Certification seal:	Certificate								
Vícemístná společnost / Multisite company	The company has only one production site. In the case of certification of a trader site, it is an affiliated company with own trader ID.								
Externí zdroje / External resources	The company does not outsource the bagging of pellets, small-scale delivery, and/or bulk storage of pellets at the facility from which the pellets are delivered to end users. It has its own storage facilities and bagging line.								

8. Kontrola kvality / Quality control management:

Kontrola teploty / Control of temperature	The company is not a bulk pellet producer and does not own silos or silo trucks. Silo temperature control: No storage of pellets (B2C) Filling big bags 1x daily after loading / No big bags production Before loading: No storage of pellets (B2C)		
Čistota rozvozových vozů / Cleanliness of vehicles	The requirement is not applicable for a producer of pellets which does not own silo trucks for small-scale delivery. Conclusion: Producer of pellets without storage of pellets (B2C).		
Dodávka velkoobjemových vaků / Big bags delivery	The company does not produce bulk pellets and does not store them in a big bag. This requirement is therefore not applicable.		
Referenční vzorky / Reference samples	The requirement is not applicable for a producer of bagged pellets only. Production: N/A Loading: N/A		
Neshodné výrobky / Management of non-conforming products	The company has defined procedures for dealing with non-conforming product with manual removal. Non- conforming pellets are burnt in order to make heat for the dryer.		
Vlastní monitorování / Self-monitoring	The factory production control is carried out in accordance with the requirements of the regulations. Tests are done regularly and are documented properly. It was reviewed documentation on calibration, verification, and validation of the measuring devices. This request was evaluated based on the following documents: - Self-monitoring records - Procedure for detecting a non-conforming product - Documentation on calibration, verification, or validation of the measuring devices List of devices:		
	Parameter:	Device:	Frequency:
	Overlength	Caliper rule	1x per shift
	Moisture	Humimeter	1x per shift
	Mechanical durability	Tumbler box	1x per shift
	Fines	Sieve 3,15 mm	1x per shift
	Conclusion: Instruments are maintained properly, calibration and/or performance tests are done.		

During the inspection, a sample of pellets 2 x 15 kg was taken by the inspection body. For these samples, the quality of the pellets will be determined according to the EN ISO 17225-2 standard and the ENplus® standards. The test results are shown below.

Výsledky zkoušek / Test Results:

Parameter	Unit	ENplus® A1	ENplus® A2	Result	Standard
Diameter (ar)	m/m	6 ± 1 or 8 ± 1		6,0	EN ISO 17829
Length (ar)	m/m	$3,15 \leq L \leq 40$		13,8	EN ISO 17829
Share of pellets with a length < 10 mm (ar)	% (m/m)	Category L < 20%, 20% ≤ M ≤ 30%, S > 30%		11,2 (L)	ENplus® Guidance Document
Moisture (ar)	% (m/m)	≤ 10		8,1	EN ISO 18134
Ash content (d)	% (m/m)	≤ 0,7	≤ 1,2	0,69	EN ISO 18122
Mechanical durability (ar)	% (m/m)	≥ 98,0	≥ 97,5	98,4	EN ISO 17831-1
Bulk density (ar)	kg/m³	$600 \leq BD \leq 750$		639	EN ISO 17828
Particle density (ar)	kg/m³	Value to be started		1,30	EN ISO 18847
Coarse fines (3,15 mm ≤ FP < 5,6 mm) (ar)	g/cm³	Value to be started		0,19	EN ISO 18847
Fines (< 3,15 mm) (bags) (ar)	% (m/m)	≤ 0,5		0,13	EN ISO 18846
Fines (< 3,15 mm) (bulk) (ar)	% (m/m)	≤ 1,0		N/A	EN ISO 18846
Calorific value (ar)	kWh/kg	≥ 4,6		4,71	EN ISO 18125
	MJ/kg	≥ 16,5		16,97	
Additives (ar)	% (m/m)	≤ 2,0		OK	ENplus® ST 1001
Nitrogen content (d)	% (m/m)	≤ 0,3	≤ 0,5	0,20	EN ISO 16948
Sulphur content (d)	% (m/m)	≤ 0,04	≤ 0,05	0,017	EN ISO 16994
Total chlorine content (d)	% (m/m)	≤ 0,02		0,009	EN ISO 16994
*Arsenic	mg/kg	≤ 1		< 0,5	EN ISO 16968
*Cadmium	mg/kg	≤ 0,5		< 0,1	EN ISO 16968
*Chromium	mg/kg	≤ 10		< 1	EN ISO 16968
*Copper	mg/kg	≤ 10		3,2	EN ISO 16968
*Lead	mg/kg	≤ 10		< 0,5	EN ISO 16968
*Mercury	mg/kg	≤ 0,1		< 0,075	EN ISO 16968
*Nickel	mg/kg	≤ 10		< 1	EN ISO 16968
*Zinc	mg/kg	≤ 100		6,6	EN ISO 16968
*Ash deformation temperature	°C	≥ 1200	≥ 1100	1470	EN ISO 21404

(ar) = sample in original condition, (d) = anhydrous sample
 * As, Cd, Cr, Cu, Pb, Hg, Ni, Zn and Ash deformation temperature were determined in the accredited laboratory of BEA Institut für Bioenergie GmbH, No. 0388

The Inspection Body approves the company's methodology for evaluating pellet quality based on the benchmarking below. The resulting values are within a safe tolerance of the limit values specified in the pellet quality requirements.

Parameter	Unit	Company	Testing laboratory	Limit
Overlength	mm	21	13,8	$3,15 \leq L \leq 40$ (without pellets over 45)
Moisture	%	1,98	8,1	≤ 10
Mechanical durability	%	98,0	98,4	≥ 98,0
Fines	%	0,21	0,13	≤ 0,5

9. Shrnutí / Summary:

The activities connected with the production process are specified by the organization in the technological regulations and the description of the production of wood pellets. The production plant included in the system:

Yeşilköy Mah. Kuyu Çukuru Sk. No:2 Torbalı/Izmir
35860 Izmir
Turkey

The company creates, maintains and stores documented information according to ENplus® ST 1001, ENplus® ST 1002 and ENplus® ST 1003 to support the operation of processes, trace the causes of quality problems and provide evidence of compliance with this document. Documented information shall be retained for a minimum of three years. Procedures for the effective operation of the system are established and resources for its operation are identified and provided. Documents checked:

- Receipt of raw materials, List of suppliers, Origin of wood, Additives
- Job description, where the quality manager position is presented in detail
- Work instructions
- Regular internal training documentation of employees by the quality manager
- Maintenance, service and cleaning documentation
- Complaints management
- Physical separation of the raw material
- Records on work carried out with an impact on pellet quality e.g., shifts protocols, change of die ...
- Production, storage, and bagging processes
- Self-monitoring records
- Procedure for detecting a non-conforming product
- Documentation on calibration, verification, or validation of the measuring devices
- Documentation of outgoing goods

During the inspection activity, the following documentation and documents were used:

Smlouva a objednávka č. <i>Contract and order No.</i>	I-85097/63, I-85097
Plán inspekce č. <i>Inspection plan No.</i>	PPPB 01.01. č.j. 63-12579/IP09/6.3
Kontrolní záznam č. <i>Checklist No.</i>	PPPB 02.01. č.j. 63-12579/IP09/6.3
Protokol o odběru vzorku a vzorkovací plán č. <i>Sampling Report No.</i>	PPPB 03.01. č.j. 63-12579/IP09/6.3
Záznam o neshodě č. <i>Non-conformity record No.</i>	PPPB 05.01. č.j. 63-12579/IP09/6.3
Protokol o zkoušce č. <i>Test Report No.</i>	63-12579/T

Description of the inspection activity:

The subject of the inspection activity was the review of internal documentation, assessment of the production process, verification of the management system and control of tests and self-monitoring for products: **Wood pellets**

10. Závěr / Conclusion:

Based on the above results, it can be concluded that the assessed production site in the field of validity:

Producer of wood pellets

For a critical business activity:

Production Bagging and trade of bagged pellets

Meets all the requirements listed in the ENplus® certification scheme for the following quality class:

ENplus® A1



Non-conformities:

- | | | | |
|----------------|--|---------|------|
| - Major: | None | Status: | None |
| - Minor: | None | Status: | None |
| - Observation: | Observation 1: Results of mechanical durability tend to be very close to the minimum limit. | | |

It is forbidden to change, supplement or rewrite the data in the Inspection Report. Unauthorized or misleading use of the inspection report may be sanctioned.

This Inspection Report for the product does not affect the competence of other entities that, according to special regulations, approve or authorize products in terms of their properties or conditions of their use.

Inspection Report compiled by: **Petr Biza, MSc.**

Person responsible for correctness of the Inspection Report:

Responsible representative:



Petr Biza, MSc.
Inspector of
solid biofuels



Ing. Jakub Dohnal
Technical manager of
inspection body