

INSPECTION REPORT

BEA2024133_Pelcko s.r.o

Date of report:	24.05.2024	page 1 of 4		
Client:	Pelcko s.r.o			
Address:	Liskova 1205, 03481 Lisková, SLOVAKIA			
Subject:	wood pellet production Liskova plant, Liskova 1205, 03481 Lisková, SLOVAKIA			
Content:	On-site Surveillance inspection			
Certification program:	ENplus® ST 1001:2022			
Date of inspection:	07.05.2024	Date of sampling:	07.05.2024	Order date: 08.04.2024

1 EVALUATION

The wood pellets production of Pelcko s.r.o, in Liskova 1205, 03481 Lisková, SLOVAKIA, is complying with all requirements of:

ENplus® class A1



MINOR NON-CONFORMITIES FROM LAST INSPECTION:

None.

RELEVANT CHANGED SINCE LAST INSPECTION:

None.

MAJOR NON-CONFORMITIES:

None.

MINOR NON-CONFORMITIES:






- Invoice is missing bag design number and diameter. To be implemented until 2025.
- Serial number on bags to be implemented until 2025.
- Balance not calibrated. Calibration certificate sent on the 20.05.2024, so it is solved.

OBSERVATIONS:

None.

This inspection report comprises 4 pages and 0 appendix(es).

Inspection Reports may be made available to third parties, either free of charge or against payment, if the full wording of the Inspection Report is given and if BEA is expressly named as the author. All tests applied are subject to a quality assurance programme according to EN ISO/IEC 17020 (in the currently version). The General Terms and Conditions of BEA Institut für Bioenergie GmbH shall apply as amended.

			<p>EPC listed, Auditor in Charge</p>  <p>Cristina Lucesole M.Sc.</p>	
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2 SCOPE OF APPLICATION

The results contained in this inspection report shall serve as proof of compliance with ENplus® regulations. The client is responsible for the conformity of products with ENplus® regulations which will be assured when quality assurance measures according ENplus® regulations are continuously applied.

3 GENERAL DATA

Certification body:	BEA CERT
Testing body:	BEA
Business activities:	Production Bagging of pellets (incl. trade)
Subcontractor:	No
Multisite company:	No

4 INSPECTION

Inspection by Cristina Lucesole in the presence of Mr. Alessandro Ianniello. An organization chart exists and the responsibilities are clearly assigned. The responsibilities are divided as following:

Management representative:	Mr. Alessandro Ianniello, direzione@pelcko.eu
Quality manager:	Mr. Alessandro Ianniello, direzione@pelcko.eu
Contact person:	Mr. Alessandro Ianniello, direzione@pelcko.eu

4.1 PRODUCTS

Certified products:	Wood pellets EN ISO 17225-2, Class A1
Dimension:	6 mm
ENplus® ID:	SK 002
Bag design(s) approved:	Krone Gold (SK002-BD001), Krone Silver, Krone Green, Bioabete, Artel, Timber Premium, Roby Pellet, Biotimber, MiTeam (under reapproval)
Bag design(s) not approved:	None
Bulk pellets:	No
Bagged pellets:	Yes

4.2 MASS BALANCE

Produced amount of bagged pellets class A1:	10.000 t
Sold amount of bagged pellets class A1:	4.000 t
Stored amount of bagged pellets class A1:	6.000 t
Explanation mass balance:	Mass balance was checked and evaluated as plausible.

4.3 RAW MATERIAL

Origin:	100% from external supplier
Source:	Chemically untreated wood residues
Wood species:	Spruce
Form:	Shavings, Sawdust
Composition of forms:	80% sawdust / 20% shavings

Raw material processing areas: clean (paved surface), secured from contamination
 Storage: inside a hall
 Checking and documentation: Each external raw material delivery is checked.
 Inspection of incoming goods in place (visually, weighing and moisture testing).
 Suppliers: about 20 suppliers, updated list available
 Additive: none
 Contamination: none

4.4 PRODUCTION PROCESS

Changes in production process: none
 Raw material preparation: hammer mill
 Drying: Drum dryer
 Separation of contaminants / impurities: There is several equipment installed for separation of contaminants / impurities.
 Pellet production: 4t CPM ring die press (in plan to install a 5t press in 2025/2026), one cooler
 Separation of fines: There is several equipment installed for separation of fines.
 Rejects: The possibility for separation of low-quality charges exists.
 Bagging station: The internal weighing module of the bagging station in not calibrated. But the bag weight is checked regularly with a calibrated scale.
 Storage bagged pellets: Protected from UV light.
 Storage: Pellets are protected from moisture and contamination.
 Loading areas: weatherproof

4.5 INTERNAL PRODUCTION CONTROL

Internal production control is done according to the requirements. It is performed regularly and documented properly.
 The testing equipment is state of the art, clean and in good condition. Calibration and performance tests are done.
 Internal sampling: at bagging line

Parameter production

	Interval	Equipment	Range of values
Oversizes	1x/shift	ruler	<45 mm
Moisture content	1x/shift	IR-dryer and humimeter	<10%
Mechanical durability	1x/shift	1 box tumbler	>98%
Bulk density	1x/shift	5l steel container	600-750 kg/m ³

Comparison BEA Laboratory - Internal control

	Unit	BEA	On-site Laboratory
Moisture content	%	6,6	8
Bulk density	kg/m ³	670	620
Mechanical durability	%	98,3	99,0
Max. length	mm	36,4	20 (average)
Fines content	%	0,3	0,14

The results of the tests are within an expectable range and can be assessed as acceptable.

4.6 DELIVERY DOCUMENTATION

ENplus®-Logo or ID:	Yes
Quality class:	Yes
Mass of delivered pellets:	Yes
Bag design incl. version number:	No
Diameter:	No
Form of delivery:	Yes
Date of delivery or loading:	Yes
Truck license number:	Yes

4.7 QUALITY ASSURANCE

Quality management:	Yes
QM competence:	Yes
Operating procedure production:	Yes
Operating procedure storage:	Yes
Operating procedure bagging station:	Yes
Shiftbook:	Yes
Maintenance and cleaning:	Maintenance and cleaning are done according to the requirements and documented properly.
Calibration and validation:	Scale calibrated. Last calibration from 17.05.2024
External training:	External training was attended in current certification period.
Latest external training:	January 2024
Internal training:	Internal trainings are done according to the requirements.
Latest internal training:	Done on weekly basis
Documentation of non-conform pellets:	No non-conform pellets.
Serial number (bagged pellets):	Serial number not implemented yet.
Accepted customer complaints:	Complaint management system implemented, 10 complaints about colour all rejected.
Not accepted customer complaints:	All
Bagging of foreign bag designs:	Not done.
ENplus® trademark usage:	website, bags
Reporting obligation:	met

5 SAMPLING

Sampling done according to ISO 21945.

One 15kg bag was taken from the bagging line. The bag was taken by the inspector to the inspector's lab.

6 RESULT OF LABORATORY ANALYSIS

The results of laboratory analysis are summarized in Report Nr. BEA2024133.