

Annex 5 (Rev. 1)

Sampling Requirements

Requirements for the Certificate Holder (Type 1):

1. For a certificate holder (Type 1) with only one diameter (e.g., 6 mm), operating only one production line, only one sample is fully tested according to the requirements listed in Table 1 of Annex 1.
2. For a certificate holder (Type 1) with two diameters (6 mm and 8 mm), also operating only one production line, one sample is fully tested according to the requirements listed in Table 1 of Annex 1.
Additionally, a second sample of the other diameter is tested for mechanical durability, moisture content, bulk density, fine fraction, length, diameter, and net calorific value.
3. For a certificate holder (Type 1) with only one diameter (e.g., 6 mm), operating more than one production line, where the settings of the individual production lines are identical, only one sample is fully tested according to the requirements listed in Table 1 of Annex 1.
4. For a certificate holder (Type 1) with two diameters (6 mm and 8 mm), operating more than one production line, where the settings of the individual production lines are identical, one sample is fully tested according to the requirements listed in Table 1 of Annex 1. Additionally, a second sample of the other diameter is tested for mechanical durability, moisture content, bulk density, fine fraction, length, diameter, and net calorific value.
5. For a certificate holder (Type 1) with only one diameter (e.g., 6 mm), operating more than one production line, where the settings of the individual production lines differ to an extent that affects the quality of the wood pellets, one sample is fully tested according to the requirements listed in Table 1 of Annex 1.
Additionally, a second sample of the same diameter from a different line is tested for mechanical durability, moisture content, bulk density, fine fraction, length, diameter, and net calorific value.
6. For a certificate holder (Type 1) with two diameters (6 mm and 8 mm), operating more than one production line, where the settings of the individual production lines differ to an extent that affects the quality of the wood pellets, one sample is fully tested according to the requirements listed in Table 1 of Annex 1.
Additionally, a second sample of the other diameter is tested for mechanical durability, moisture content, bulk density, fine fraction, length, diameter, and net calorific value.
Exception: If no second diameter is being produced at the time of sampling, a second sample of the same diameter from a different line must be tested for mechanical durability, moisture content, bulk density, fine fraction, length, diameter, and net calorific value.

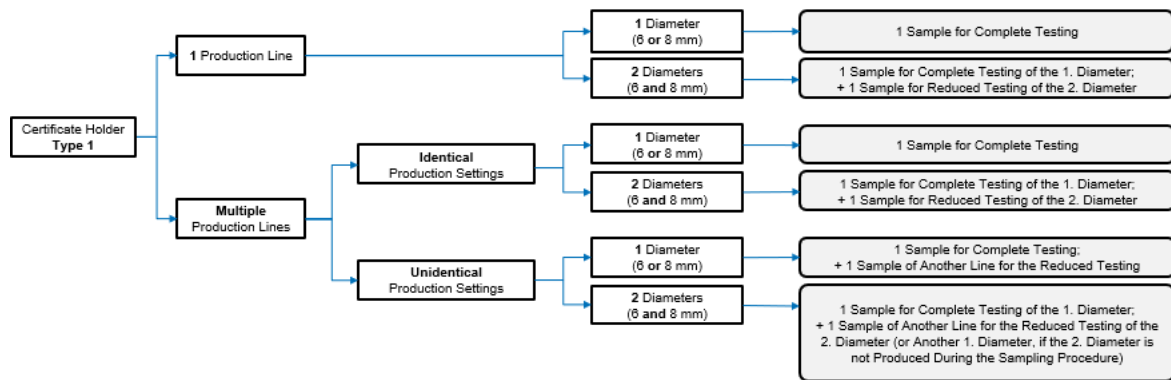


Figure 1 Overview of the sampling requirements for the certificate holder (Type 1)

1. Testing of diameter
2. Testing of length
3. Testing of moisture content
4. Testing of ash content
5. Testing of mechanical durability
6. Testing of fine fraction
7. Testing of net calorific value
8. Testing of bulk density
9. Testing of nitrogen content
10. Testing of sulfur content
11. Testing of chlorine content
12. Testing of arsenic content
13. Testing of cadmium content
14. Testing of chromium content
15. Testing of copper content
16. Testing of lead content
17. Testing of mercury content
18. Testing of nickel content
19. Testing of zinc content
20. Testing of ash deformation temperature (DT)

Figure 2 Required types of tests during a complete testing for the certificate holder (Type 1)

1. Testing of diameter
2. Testing of length
3. Testing of moisture content
4. Testing of ash content
5. Testing of mechanical durability
6. Testing of fine fraction
7. Testing of net calorific value
8. Testing of bulk density

Figure 3 Required types of tests during a reduced testing for the certificate holder (Type 1)

Requirements for the Certificate Holder (Type 2):

1. For a certificate holder (Type 2) with only one diameter (e.g., 6 mm), operating only one bagging line, only one sample is tested for moisture content, bulk density, and fine fraction.
2. For a certificate holder (Type 2) with two diameters (6 mm and 8 mm), also operating only one bagging line, one sample of each diameter is tested for moisture content, bulk density, and fine fraction.
3. For a certificate holder (Type 2) with only one diameter (e.g., 6 mm), operating more than one bagging line, where the settings of the individual bagging lines are identical, only one sample is tested for moisture content, bulk density, and fine fraction.
4. For a certificate holder (Type 2) with two diameters (6 mm and 8 mm), operating more than one bagging line, where the settings of the individual bagging lines are identical, one sample of each diameter is tested for moisture content, bulk density, and fine fraction.

5. For a certificate holder (Type 2) with only one diameter (e.g., 6 mm), operating more than one bagging line, where the settings of the individual bagging lines differ to an extent that affects the quality of the wood pellets, one sample from two different bagging lines is tested for moisture content, bulk density, and fine fraction.

6. For a certificate holder (Type 2) with two diameters (6 mm and 8 mm), operating more than one bagging line, where the settings of the individual bagging lines differ to an extent that affects the quality of the wood pellets, one sample of each diameter from two different bagging lines is tested for moisture content, bulk density, and fine fraction. Exception: If no second diameter is being produced at the time of sampling, one sample from two different bagging lines is tested for moisture content, bulk density, and fine fraction.

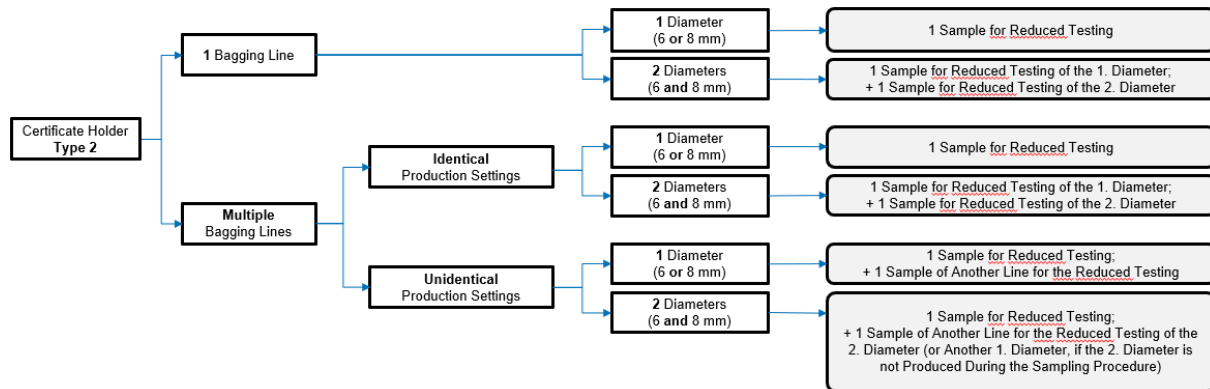


Figure 4 Overview of the sampling requirements for the certificate holder (Type 2)

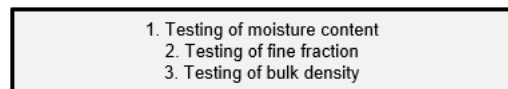


Figure 5 Required types of tests during a reduced testing for the certificate holder (Type 2)