



TÜVRheinland®

DIN CERTCO

Genau. Richtig.



Certification Scheme

Barbecue briquettes from high-purity carbon concentrate

in accordance with

DIN SPEC 91346

(Edition: March 2020)

Foreword

DIN CERTCO was founded in 1972 by DIN e.V. the German Institute of Standardization for the awarding of DIN marks and offers the certification of products and persons, services and enterprises on the basis of the DIN Standards and similar specifications.

To document our neutrality, independence and competence, we have an accreditation according to DIN EN ISO/IEC 17065. The satisfaction and trust of our customers and their data we ensure by the following certifications:

- Quality Management System according to DIN EN ISO 9001
- Environmental Management System according to DIN EN ISO 14001
- Occupational Health and Safety Management System according to OHSAS 18001

The certification scheme was developed in connection with the development in the market. With this certification scheme, the requirements for barbecue briquettes from high-purity carbon concentrate as fuel for grilling are determined according to the DIN SPEC 91346.

Compared to the consumer, the quality mark "DINplus" confirms that an independent, neutral and competent body has carefully examined and assessed the test criteria. The introduction of a corresponding certification mark is primarily intended to provide the consumer with information and guidance on his purchasing decision.

Market surveillance also ensures that the product quality is maintained even during ongoing production. This certification scheme, in addition to the General Terms and Conditions of TÜV Rheinland DIN CERTCO as well as the Testing, Registration and Certification Regulations of DIN CERTCO, is the basis for manufacturers and distributors of barbecue briquettes from high-purity carbon concentrate to label their products with the "DINplus" mark. They thus document that their products meet all the requirements of the DIN SPEC 91346 and exceed their quality as regards the ash content and the proportion of grain. In addition, the quality of their products remain constant.

Barbecue briquettes from high-purity carbon concentrate are awarded the certification mark "DINplus" when fulfilling the product requirements listed in section 3 according to the procedure described in this certification scheme.

All certificate holders can be accessed on the website of DIN CERTCO www.dincertco.tuv.com.

Start of validity

This certification scheme applies from 2020-03

Modification

Changes, they have been done in reference to the Certification Scheme for Barbecue briquettes from high-purity carbon concentrate according to DIN SPEC 91346 (2017-01) are as follows:

- Renewal procedure
- Editorial changes

Previous edition:

Certification Scheme for Barbecue briquettes from high-purity carbon concentrate in accordance with DIN SPEC 91346 (2017-01)

Remark

The German version of this certification scheme shall be taken as authoritative. No guarantee can be given to the English translation.

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1 Scope

This certification scheme applies to solid fuels for barbecuing, such as barbecue briquettes from high-purity carbon concentrate, and it includes in conjunction with the test specifications given below, all requirements for the award of the quality mark "DINplus".

This certification scheme defines requirements being needed to comply by the product itself as well its testing, surveillance and certification.

2 Test and certification specifications

The basis for the test and certification are the following documents. For dated references, only the referenced version applies. For undated references, the current edition of the referenced document, including all changes, shall apply.

DIN SPEC 91346 Barbecue briquettes from high-purity carbon concentrate

- this Certification Scheme
- the General Terms and Conditions of TÜV Rheinland DIN CERTCO
- the Testing, Registration and Certification Regulations of DIN CERTCO
- the respective schedule of fees of DIN CERTCO

3 Product requirements

3.1 Standard requirements

DIN SPEC 91346 is intended to reduce the risk of solid fuel spills and grilling. It specifies requirements for barbecue briquettes from high-purity carbon concentrate, which are used to prepare foodstuffs. Criteria for a smoke-free combustion with a long burning time are defined.

The detailed requirements for the barbecue briquettes from pure carbon concentrate are set out in section 4 of DIN SPEC 91346. It includes tests of the following parameters:

- Particle Assignment
- Long-term burning time
- Fixed carbon
- Ash content
- Humidity
- Grain size
- Binders
- Content of volatile constituents

3.2 Additional requirements

Ash content and grain content of less than 20 mm have been sharper defined as a quality feature for barbecue briquettes from high-purity carbon concentrate. The test is carried out in accordance with section 4 of DIN SPEC 91346. In this case, the grill briquettes of high-purity carbon concentrate exceed the requirements of the specification DIN SPEC 91346.

Quality feature:

Particle size less than 20 mm:	max. 2 %
Ash content:	max. 13 % (wf)

3.3 Identification of product

The markings shall be visible, legible and permanent and at least in the language (s) of the country where the equipment is sold.

1. Name or registered trademark of the manufacturer or distributor / seller
2. Name the product as follows: Barbecue briquettes from high-purity carbon concentrate
3. Type designation, if applicable
4. Content in kg
5. Number of the DIN specification DIN SPEC 91346
6. Safety, health and use-related instructions for the proper and safe use of the barbecue briquettes from high-purity carbon concentrate.

Example:

- Cover the grill floor evenly with grill briquettes.
 - 2 to 3 minutes after the firing, slowly fill further the grill briquettes.
 - The ignition aid must be completely burnt off before the food is placed on the grill.
 - Do not place the grill until the grill briquettes are covered with an ash layer.
 - After ignition of the grill, do not use any additional igniters.
 - Do not use in closed areas.
 - Barbecue in closed rooms requires a smoke exhaust.
 - Keep children at a safe distance from the grill.
7. Warning: "Caution! Do not use flammable liquids, e.g. alcohol, benzine, for lighting or re-lighting!" Should be taken literally.
 8. Indicate the year of manufacture. The information must always be updated.
 9. Certification mark "DINplus" and registration number
 10. In the case of more than one production site, a distinctive distinction must be established. For example, you can select one or more letters. The marking shall be notified in writing to DIN CERTCO.

4 Testing**4.1 General information**

For the performance of the test required as the basis for the assessment and certification of the products, DIN CERTCO avails itself of the testing laboratories to which it has awarded the recognition.

4.2 Types of tests

4.2.1 Initial test

The initial test is a type test (model test, design test), which serves to determine whether the product complies with the requirements of section 3.1 of this certification scheme and the requirements for the product are met. The initial test consists of a test of the samples taken at all production sites, submitted for examination, and documented in the test report.

The test is performed in accordance with section 4 of DIN SPEC 91346.

The test must be documented by a positive test report submitted in due time.

4.2.2 Surveillance test

The surveillance test is performed in recurring intervals being specified (see section 7 of this certification scheme) and it is used to determine whether the certified product during the production phase corresponds to the type-tested product.

The test is performed in accordance with section 4 of DIN SPEC 91346.

The test of the samples taken in the market is commissioned by DIN CERTCO and must be proved by a positive test report in due time.

Within the scope of the factory production control by the certificate holder according to section 6 of the certification scheme, the conformity of the manufactured products with the specified requirements shall be ensured. This must be proved by a positive test report in due time.

4.2.3 Supplementary test

A supplementary test takes place if additions, extensions or changes (see section 5.9 of the certification scheme) have been made to the already certified product that have an impact on the conformity with the underlying requirements.

The type and scope of the supplementary test are determined in individual cases by DIN CERTCO in consultation with the testing laboratory.

4.2.4 Special test

A special test takes place:

- in the event of defects detected
- after resting production over a period of more than 6 months
- on a just cause of DIN CERTCO
- on the written application of a third party where the latter is particularly interested in the maintenance of a proper market activity in a competitive or qualitative manner

The form and scope of a special test shall be determined in accordance with the purpose in each individual case by DIN CERTCO in consultation with the testing laboratory.

If defects are detected during a special test, or if a special test is carried out due to the suspension of production, the certificate holder shall bear the costs of the special inspection procedure.

If, in the case of special tests, no deficiencies are identified at the request of third parties, the costs shall be borne by the third party submitting the application.

4.3 Sampling by surveillance test

Sampling takes place in the course of surveillance in the market (see section 7.2 of the certification scheme) and is usually carried out by the inspector commissioned by DIN CERTCO. The test samples are taken from the trade and sent to the testing laboratory commissioned by DIN CERTCO. The costs are borne by the certificate holder.

The required sample size deviates from the initial certification and renewal and it is at least 15 kg. The test sample must arrive within 14 days in the laboratory commissioned with the test.

4.4 Test report

The test laboratory shall notify the client of the results of the tests in a test report. This must be submitted to DIN CERTCO in the original.

The test report may not be older than 6 months at the time of application. In individual cases, older test reports may also be recognized if the test laboratory confirms in writing the validity of the information given in the test report.

The test report shall comply with DIN EN ISO / IEC17025 and shall include at least the following information:

- Name and address of the manufacturer
- Name and address of the applicant (if different from manufacturer)
- Test principles (standards and certification scheme) incl. date of issue
- Type of test (e.g. type test, supplementary test, etc.)
- Date of the test
- Results and assessment of the test
- Name and signature of the person responsible for the test

5 Certification

5.1 Application for certification

Applicants may be producers or distributors who, in written agreement with the certificate holder, place the products on the market under their own responsibility as defined by the Product Safety Act (in German: Produktsicherheitsgesetz).

The applicant must submit the following documents to DIN CERTCO:

- Application for certification in the original and with legally binding signature
- Current test report according to section 4.4 on an initial test (see section 4.2.1), unless the test was commissioned by DIN CERTCO
- Proof of current certification according to DIN EN ISO 9001 (desirable)
- Documentation in accordance with European legislation on dangers and hazards.

Certification within the meaning of this certification scheme is the conformity assessment of a product by DIN CERTCO based on test reports from DIN CERTCO recognized testing laboratories. The products to be certified are checked for conformity (accordance) with the requirements listed in section 3.

A test shall be carried out for each manufacturing facility, which shall contain a clear and detailed reference to the products subject to surveillance.

The right of use for the quality mark "DINplus" is granted by issuing a corresponding certificate.

5.2 Classification of types and subtypes

Barbecue fuels, which differ from each other in essential certification-relevant characteristics, are defined as type or model. Characteristics, which are relevant for certification, are, for example, characteristics, which significantly influence safety, function or handling and are therefore marketed under a separate trade name. A separate certificate is issued for each type/model.

Subtypes are usually those of a type/model, which differ only in formal or non-certification-relevant features like e.g. packaging size. They can be summarized on a certificate.

5.3 Conformity assessment

Based on the submitted application documents DIN CERTCO carries out the conformity assessment. In particular, the test report assesses whether the product meets the requirements of the certification scheme and the standard, or the specification.

DIN CERTCO informs the applicant in writing about deviations.

5.4 Certificate and the right to use the mark

After successful testing and conformity assessment of the submitted application documents, DIN CERTCO issues a certificate to the applicant and grants the right of use for the quality mark "DINplus" in conjunction with a related register number.



Structure of the registration number: **P3K000**

Barbecue fuels for which the right of use has been granted for the quality mark "DINplus" shall be marked with the quality mark "DINplus" and the related register number.

The mark and the registration number may only be used for the type for which the certificate has been issued and which corresponds to the type-tested product.

A registration number is assigned to each type. The same register number is given for design types (subtypes) of a type (see section 5.2).

In addition, the General Terms and Conditions of DIN CERTCO apply.

5.4.1 Sublicenses

It is necessary to issue a sub-certificate when a certified type/model of a barbecue fuel is marketed by another company as a (main) certificate holder or under a trade mark other than the (main) certificate.

5.5 Publications

All certificate holders can be viewed on the daily updated homepage of DIN CERTCO www.dincertco.tuv.com. Producers, users and consumers use this research possibility for obtaining information about the certified products.

Besides the contact data of the certificate holders (telephone, telefax, e-mail, homepage), it is also possible to view the technical data of the certified products.

5.6 Validity of certificate

The certificate has a validity of 2 years. The validity period is indicated in the certificate. If the certificate is extinguished, the right to use the right to sign expires.

5.7 Renewal of certificate

If the certification is to be maintained beyond the validity period specified in the certificate, DIN CERTCO must have a current positive test report in good time before the validity expires.

Evidence of compliance with the requirements of the test and certification basis in accordance with section 2 is provided in the scope of a surveillance test in accordance with section 4.2.2.

5.8 Expiry of certificate

Insofar as the re-testing for standard conformity according to section 4 has not taken place in due time before the end of the period of validity, the right of use for the quality mark "DINplus" and the registration number expires without DIN CERTCO's direct notification being required.

In addition, the certificate may expire if:

- the surveillance measures referred to in section 7 are not carried out on time or incompletely
- the quality mark "DINplus" is abused by the certificate holder
- the requirements resulting from this certification scheme or its accompanying documents are not fulfilled
- the applicable certification fees are not paid in due time
- the conditions for issuing the certificate are no longer fulfilled

5.9 Modifications/Extensions

5.9.1 Modifications/Extensions to the product

The certificate holder is obligated to inform DIN CERTCO immediately of any changes to the product. DIN CERTCO decides, in consultation with the testing laboratory, to what extent an inspection according to section 4.2.3 is to be carried out and whether this is a significant change. The test report is forwarded by the test laboratory to DIN CERTCO.

If DIN CERTCO establishes a major change, the certificate expires with the associated registration number. For the amended product, an application for initial certification and the right of use for the certification mark "DINplus" can be submitted again.

The certificate holder is also obliged to notify all changes to formal data of DIN CERTCO (e.g. certificate holder or its address).

Every new production facility is to be known to DIN CERTCO. If a corresponding test report is available and the product fulfills the requirements of the standard, after agreement of DIN CERTCO in writing may also be marked with the mark "DINplus" and the already existing registration number.

5.9.2 Amendment of the test basis

If the basic test specifications for the certification are modified, an application for the alteration of the certification shall be submitted within 6 months after receiving of notification from DIN CERTCO and, as a rule, after 12 months, proof of conformity with the modified test specifications shall be submitted in the form of a positive test report (see section 4.2.3).

5.10 Defects in the product

If deficiencies in a certified product being in the market are detected, DIN CERTCO requests the certificate holder in writing to eliminate the defects.

DIN CERTCO, in consultation with the testing laboratory, decides whether it is a serious or minor defect.

In the case of defects that directly or indirectly have an influence on safety or functional performance (serious defects), the certificate holder has to ensure that the products are no longer marked with the certification mark until the defects are eliminated.

The deficiencies must also be eliminated immediately on installed or in stock products. Within 3 months, the certificate holder must prove to DIN CERTCO by submitting a test report on a special test according to section 4.2.4 that the deficiencies have been removed and that the complained product meets the specified requirements again.

In the case of defects, which do not have any influence on the safety or functional performance (minor defects), the certificate holder has to document to DIN CERTCO within 3 months and in a suitable way that the defects of the complained product have been removed.

If the certificate holder fails to meet these deadlines, the certificate and therefore the right of use for the certification mark "DINplus" will be withdrawn.

If there is still reason for the complaint, DIN CERTCO initially suspends the certificate and at the same time, a final deadline for the elimination of defects is given. If the certificate holder

fails to comply with the request or fails to comply with the deadline, or the removal of defect cannot be proved again, the certificate will be expired.

6 Self-monitoring by the certificate holder

The certificate holder must ensure that the product properties confirmed during the certification are maintained by means of appropriate quality assurance measures. This can be ensured by means of a factory-specific production control, which is directly aligned with the product or the production and through measures within the framework of a quality management system (QM system) in accordance with the series of standards DIN EN ISO 9000 ff. If there is the QM system certified according to DIN EN ISO 9001 available, the production control must be carried out based on a statistical check according to the international standard DIN ISO 2859-1.

6.1 Production-accompanying quality assurance

The factory production control is the continuous monitoring of the production process by the certificate holder, which ensures the conformity of the manufactured products with the stipulated requirements.

Corresponding test report is to be submitted to DIN CERTCO as a rule after 12 months from the issue date of the certificate. The sample size required is at least 15 kg, differing from the initial certification and renewal.

The test report shall comply with DIN EN ISO / IEC17025 and shall include at least the following information.

- Name and address of the manufacturer
- Name and address of the applicant (if different from manufacturer)
- Test principles (standards and certification scheme) incl. date of issue
- Type of test (e.g. type test, supplementary test, etc.)
- Date of the test
- Results and assessment of the test
- Name and signature of the person responsible for the test

In the event of a negative result of testing, the certificate holder must immediately take all measures for the removal of the defect. Defective products shall be marked and discarded. The test shall be repeated on a regular basis to determine whether the defect has been removed.

6.2 Quality Management System

DIN CERTCO recommends the establishment and certification of a quality management system according to the international standard DIN EN ISO 9001.

7 External monitoring by DIN CERTCO

7.1 General information

An essential part of the certification is the continuous monitoring of the certified product during the entire duration of the certificate. The monitoring by DIN CERTCO during the duration of the certificate takes place 2 times.

DIN CERTCO verifies and evaluates the conformity of the product with the requirements laid down in the certification scheme as well as the effectiveness of the quality assurance as per section 6.1.

7.2 Monitoring in the market

Monitoring in the market by DIN CERTCO is used to determine whether the manufacturing conditions for continuous conformity of the products with the requirements of section **Fehler! Verweisquelle konnte nicht gefunden werden.** are met. In the course of the monitoring, representative samples are taken from the trade. The sample quantity is determined in accordance with the provisions of section **Fehler! Verweisquelle konnte nicht gefunden werden.** of the certification scheme. The test scope is defined in section **Fehler! Verweisquelle konnte nicht gefunden werden.**

If possible, monitoring in the market is unannounced and must be carried out at least once a year for each certified product. The samples taken are tested by a test laboratory recognized by DIN CERTCO. They should correspond to the average of production. Sampling is carried out on the entire sales article of the certificate holder in the market.

In order to be able to identify the samples of certified product in the market, DIN CERTCO must have an information on whether the samples remain in the retail trade so that samples of the certified product that are on the market can be taken. This information can be available to DIN CERTCO as a list or on request.

If the results of the test are not sufficient, the certificate holder must be notified without delay. The scope of additional measures to meet all requirements must then be defined between the certification body and the certificate holder. If the holder of the certificate is unable to implement the required measures, the certificate is suspended. If the certificate holder fails to comply with the request or fails to comply with the deadline, or the removal of defect cannot be proved again, the certificate will be expired.