



TÜVRheinland®

DIN CERTCO

Genau. Richtig.

Certification Scheme

Sustainable Biomass

according to

REDcert certification system

(Edition: August 2024)

Foreword

DIN CERTCO was founded in 1972 by DIN Deutsches Institut für Normung e. V., is now part of the TÜV Rheinland Group and is the certification body for issuing DIN marks and other certification marks for products, persons, services as well as companies based on DIN standards and similar specifications. Due to its independence, neutrality, competence and many years of experience, DIN CERTCO enjoys a high reputation both at home and abroad.

In order to prove the functionality of the system and our competence as a certification body, we have been accredited, certified or recognised by independent domestic and foreign bodies in both the voluntary and legally regulated areas. [Our accreditations](#).

Our certification work is made possible by recognition by Bundesanstalt für Landwirtschaft und Ernährung (BLE) and certification agreements with certification system owner REDcert.

In conjunction with the General Terms and Conditions of DIN CERTCO, this certification scheme provides the basis for the certification of products which come under Directive (EU) 2018/2001.

All certificate holders can be viewed on the daily up-dated homepage of DIN CERTCO (www.dincertco.tuv.com).

Amendments

This certification scheme differs from the certification scheme “Sustainable Biomass REDcert” (2024-02) as follows:

Addition of the REDcert² Ad on EN 15343

Previous Editions

Certification scheme “Sustainable Biomass REDcert” (2024-02)
Certification scheme “Sustainable Biomass REDcert” (2022-07)
Certification scheme “Sustainable Biomass REDcert” (2022-01)
Certification scheme “Sustainable Biomass REDcert” (2021-06)
Certification scheme “Sustainable Biomass REDcert” (2021-03)
Certification scheme “Sustainable Biomass REDcert” (2020-10)
Certification scheme “Sustainable Biomass REDcert” (2020-06)
Certification scheme “Sustainable Biomass REDcert” (2020-01)
Certification scheme “Sustainable Biomass REDcert” (2019-04)
Certification scheme “Sustainable Biomass REDcert” (2019-02)
Certification scheme “Sustainable Biomass REDcert” (2018-03)
Certification scheme “Sustainable Biomass REDcert” (2016-02)
Certification scheme “Sustainable Biomass REDcert” (2015-03)
Certification scheme “Sustainable Biomass REDcert” (2015-01)

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 companies, which would like to receive certification under the specifications of Directive (EU) 2018/2001 and the REDcert certification system or the REDcert² certification scheme and, in addition to the documents set out below, contains all the requirements for completing certification procedures.

This certification scheme sets out requirements for the raw materials used and for the quality assurance systems of the processing, collecting or trading companies and for their inspection, monitoring and certification.

2 Test and Certification Specifications

The following referenced documents form the basis for auditing and certification. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

- This certification scheme
- The General Terms and Conditions of TÜV Rheinland DIN CERTCO
- The Testing, Registration and Certification Regulation of DIN CERTCO
- The respective schedule of fees of DIN CERTCO

2.1 General

RED II	Renewable Energy Directive (EU) 2018/2001 (recast)
EEG	German Renewable Energy Sources Act)
Biokraft-NachV	Ordinance on requirements for sustainable production of biofuels (Biokraftstoff-Nachhaltigkeitsverordnung)
BioSt-NachV	Ordinance on requirements for sustainable production of liquid biomass for electricity generation (Biomassestrom-Nachhaltigkeitsverordnung)
BioSt-NachVwV	Administrative regulation of electricity from biomass sustainability regulation for the acceptance of certification systems and certification bodies according to the sustainability ordinance from 10 th December 2009 of the Federal Ministry for Environment, Nature Conservation and Nuclear Safety
KrWG	Circular Economy Act

2.2 REDcert-EU

- Scope and basic scheme requirements
- Scheme principles for integrity management
- REDcert Fee Schedule for scheme participants
- Country Overview REDcert Systems
- Acceptance of Systems for waste and residual material
- Scheme principles for the production of biomass, biofuels, bioliquids and biomass fuels

- Scheme principles for GHG calculation
- Scheme principles for mass balance
- Scheme principles for neutral inspections
- REDcert Self-declarations

2.3 REDcert²

- REDcert² System principles for biomass production in the food industry
- Fee Schedule for scheme participants
- Fee schedule for REDcert² scheme participants (in the chemical industry)
- Guidelines governing the use of the REDcert² logo and the representation of claims for products made from sustainable material flows
- REDcert² Scheme principles for the certification of sustainable material flows for the chemical industry
- REDcert² Scheme principles Specific requirements for recycling processes in the chemical industry
- REDcert Self-declarations
- Scheme principles for the certification of sustainable material flows in the chemical industry

3 Requirements

The requirements for companies apply along the entire biomass chain. They include all the companies involved in the processing, collection and trade of sustainable biomass from the producer (agricultural raw materials) or the place of creation (initial distributor).

Sustainable biomass in this sense is liquid biomass which is used to generate electricity under the Renewable Energies Law in keeping with the requirements of the Biomass Electricity Sustainability Regulation, and liquid or gaseous fuels for transport which are made from biomass in keeping with the requirements of the Bio Fuels Sustainability Regulation or bio fuels and liquid bio fuels made of various types of biomass in keeping with the definition in Annex V of the Renewable Energy Directive. Biomass produced from agricultural raw materials and from waste and residues is also classified as sustainable biomass as long as it satisfies the requirements of Article 29 RED II.

Verification of compliance with these requirements is provided by on site inspections.

In addition all current documents relating to peculiarities for waste and residues in the RED-cert-DE, REDcert-EU and REDcert² system are applicable.

To show conformity with the requirements of Add-on EN 15343 the requirements outlined in „Scheme principles for the certification of sustainable material flows in the chemical industry“ are applicable.

3.1 Requirements for Agricultural Businesses

Agricultural businesses which aim to distribute sustainable biomass, must verify that it is produced using sustainable processes and in compliance with the statutory requirements.

3.1.1 CAP-Conditionality (former cross compliance)

.The requirements from the system document REDcert Scheme principles for the production of biomass, biofuels and bioliquids Section 4.7.4.6 apply.

3.1.2 REDcert EU

The requirements from the system document REDcert Scheme principles for the production of biomass, biofuels and bioliquids Section 4 apply.

3.1.3 REDcert²

The requirements from the system document REDcert² System principles for biomass production in the food industry with specific requirements in section 4.5 apply.

3.2 Requirements for First Gathering Points

First gathering points are responsible for determining the origin, quality and volume of biomass which they have received from the agricultural businesses and wish to distribute as sustainable biomass.

3.2.1 REDcert EU

The requirements from the system document apply: REDcert Scheme principles for the production of biomass, biofuels and bioliquids section 6.

3.2.2 REDcert²

REDcert² System principles for biomass production in the food industry with specific requirements in section 1 applies.

3.3 Requirements for the collection of waste and residues

3.3.1 REDcert EU

REDcert Scheme principles for the production of biomass, biofuels and bioliquids section 5 applies with specific requirements for collecting points in 5.4.1 and specific requirements for the collection from private households in 5.4.2.

3.3.2 REDcert²

REDcert² System principles for biomass production in the food industry apply.

For the chemical industry Scheme principles for the certification of sustainable material flows in the chemical industry and Specific requirements for recycling processes in the chemical industry apply.

3.4 Requirements for Suppliers (before and after the last interface)

Suppliers may be conversion systems or transport contractors. A verifiable document management system is indispensable for this purpose.

3.4.1 REDcert EU

The requirements from the system document REDcert Scheme principles for the production of biomass, biofuels and bioliquids section 7 applies.

For suppliers with the scope waste and residues, additionally the following requirements apply: REDcert Scheme principles for the production of biomass, biofuels and bioliquids section 5, especially section 5.4.4.

3.4.2 REDcert²

Dependant on the type of biomass the following requirements apply:

REDcert² System principles for biomass production in the food industry apply.

For the chemical industry Scheme principles for the certification of sustainable material flows in the chemical industry and Scope and basic scheme requirements of the REDcert-EU scheme Specific requirements for recycling processes in the chemical industry apply.

3.5 Requirements for Interfaces and last Interfaces

All interfaces must have a verifiable document management system. The documentation must cover the receiving procedure, internal processes and the dispatch procedure.

3.5.1 REDcert EU

The requirements from the system document REDcert Scheme principles for the production of biomass, biofuels and bioliquids section 8 apply.

For first suppliers with the scope waste and residues, additionally the following requirements apply: REDcert Scheme principles for the production of biomass, biofuels and bioliquids section 5, especially 5.4.3.

3.5.2 REDcert²

REDcert² System principles for biomass production in the food industry with specific requirements in section 1 and section 3 apply.

For the chemical industry Scheme principles for the certification of sustainable material flows in the chemical industry and Scope and basic scheme requirements of the REDcert-EU scheme Specific requirements for recycling processes in the chemical industry apply.

3.6 Issuing of Proof of sustainability (PoS)

Proofs of sustainability are documents which prove compliance with the sustainability requirements for a volume of biomass or biofuel at the time of their issue by a party involved in the system after which there are no further processing stages (apart from transport and storage).

The Sustainability Certificates issued by system users have to be sent within 48 hours to the BLE.

Copies of all Proofs of sustainability have to be sent to DIN CERTCO (nnw-bio-masse@dincertco.de).

The requirements for sustainability certificates are the following:

3.6.1 REDcert EU

REDcert Scheme principles for the production of biomass, biofuels and bioliquids section 8.2

3.6.2 REDcert²

REDcert Scheme principles for the production of biomass, biofuels and bioliquids section 8.2

3.7 Issuing of partial proofs of sustainability

At the request of the owner of the sustainability verification, partial proofs of sustainability with Sustainability Requirements may be issued for part volumes of liquid biomass or bio fuels for which sustainability verification has already been issued.

The Partial Sustainability Certificates issued by system users have to be sent within 48 hours to the BLE.

Copies of all partial proofs of sustainability has to be sent to DIN CERTCO (nnw-bio-masse@dincertco.de).

The requirements for sustainability certificates are the following:

3.7.1 REDcert EU

REDcert Scheme principles for the production of biomass, biofuels and bioliquids section 8.3

3.7.2 REDcert²

REDcert Scheme principles for the production of biomass, biofuels and bioliquids section 8.3

3.8 Mass balancing

Mass Balancing functions as proof of origin. For mass balancing the following requirements apply:

3.8.1 REDcert EU

Please refert to REDcert Scheme principles for mass balance.

3.8.2 REDcert²

Additionally REDcert² System principles for biomass production in the food industry section 5 and for the chemical industry Scheme principles for the certification of sustainable material flows in the chemical industry section 5.5 apply.

3.9 GHG calculation

For GHG calculation the following requirements apply:

3.9.1 REDcert EU

Please refer to REDcert Scheme principles for GHG calculation.

3.9.2 REDcert²

Additionally REDcert² System principles for biomass production in the food industry section 5 and for the chemical industry Scheme principles for the certification of sustainable material flows in the chemical industry section 5.4 apply.

4 Audits/Inspections

4.1 General

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

4.2 Sampling

For group certification the following requirements are applicable for sampling:

4.2.1 REDcert EU

REDcert Scheme principles for neutral inspections section 4.1.1 and 5.5.

4.2.2 REDcert²

Additionally to the above mentioned document for the chemical industry Scheme principles for the certification of sustainable material flows in the chemical industry section 10.

4.3 Types of Inspections

The types of inspections differ in the different systems REDcert EU and REDcert².

4.3.1 REDcert EU

4.3.1.1 Initial audit

For initial audits the requirements of REDcert Scheme principles for neutral inspections section 3.1.1. apply.

4.3.1.2 Re-certification audit

The re-certification audit will be conducted before expiry of the certificate and will be used to establish whether the certificate holder continues to comply with the requirements.

For the recertification the requirements of REDcert Scheme principles for neutral inspections section 3.1.1. apply.

In case a recertification inspection is conducted more than 60 days before the expiry of the certificate, it leads to the new certificate being issued ahead of schedule and the with that to a shortening of the current certificate.

4.3.1.3 Surveillance Audit in the first year of certification

All system users have to undergo surveillance according to Biokraft-NachV § 32 Kontrolle der Schnittstellen und Lieferanten (1) at the latest six months after the issuance of the first certificate in the first year of certification.

Further a mandatory surveillance audit must be carried at collectors and suppliers of waste and residues. The surveillance audit must be carried out of the collector and supplier within a six-week period before the expiry of 6 months from the initial certification. For collection points and suppliers who handle both waste and residues (e.g. used cooking oil/fat) and comparable raw materials (e.g. virgin vegetable oil), an additional surveillance audit is carried out three months after the initial certification (for the first mass balance period).

4.3.1.4 Follow-up audit

For follow-up inspection the requirements of REDcert Scheme principles for neutral inspections section 3.1.1. apply.

4.3.1.5 Special audits

The requirements of of REDcert Scheme principles for neutral inspections section 3.1.2 apply.

4.3.2 REDcert²

4.3.2.1 First audit

For first audits the requirements according to REDcert² System principles for biomass production in the food industry section 7.

In the field of sustainable material flows for the chemical industry additionally the requirements of REDcert² Scheme principles for the certification of sustainable material flows for the chemical industry section 9 apply.

4.3.2.2 Re-certification audit

Recertification audits are conducted before the expiry of the certificate and serve the verification if the certified company still fulfils the requirements.

The requirements REDcert² System principles for biomass production in the food industry section 7. apply.

The requirements of REDcert² Scheme principles for the certification of sustainable material flows for the chemical industry section 9.2.1 apply.

4.3.2.3 Follow-up audits

Follow-up audits are required if during the initial or recertification bigger objections in regards to fulfilling the requirements of REDcert occurred.

For the follow-up audits the requirements of REDcert² System principles for biomass production in the food industry section 7.

The requirements of REDcert² Scheme principles for the certification of sustainable material flows for the chemical industry section 9.2.1 apply.

4.3.2.4 Special audits

For special inspections the requirements of REDcert² System principles for biomass production in the food industry section 7. apply.

The requirements of REDcert² Scheme principles for the certification of sustainable material flows for the chemical industry section 9.2.2 apply.

Special inspections can be conducted or ordered by REDcert.

4.3.2.5 Desk audits (only for REDcert² chemical industry)

Desk-audits can be required if during the one year validity of a certificate estimated amounts of >1 t of new sustainable products shall be included in the scope of the certificate.

The requirements of REDcert² Scheme principles for the certification of sustainable material flows for the chemical industry section 9.2.1 Scheme Audits apply.

4.3.3 Special Audit

A special Audit is conducted:

- In case of justified instigation of DIN CERTCO
- when requested in writing by a third party if a particular interest in the maintenance of proper conduct of market procedures in relation to competition or quality is involved.

The type and scope of the special audit shall be laid down in accordance with the specific, respective purpose on a case by case basis by DIN CERTCO in conjunction with the auditor. Should defects be detected in the course of the special audit or because of the suspended production, the certificate holder shall bear the costs of the examination procedure.

Should the special audit at the request of a third party reveal no defects, the costs shall be borne by said third party (which does not apply to audits requested directly by ISCC or the BLE).

4.4 Inspection/Audit Procedure

The inspection must be conducted in accordance with the specifications of the REDcert certification system using the REDcert checklists relating to duration and contents of the inspection.

Audits can be carried out on site, remotely or a combination of both. In the REDcert EU system, verification of conformity with the requirements of RED II is usually performed on-site. However, there is also the option of a desk audit or remote audit. The use of methods should be appropriate and balanced, taking into account the associated possibilities and limitations. The description and requirements for the methods can be found under "Scheme principles for neutral inspections", section 3.2.

4.5 Inspection Checklists

The auditor must inform the certification body of the result of the audits by completing the applicable REDcert checklist.

5 Certification

Certification in the sense of this certification scheme relates to the assessment of conformity of a product by DIN CERTCO on the basis of the results of the audits or inspections by auditors or inspectors recognized by DIN CERTCO. To this end, the products to be certified are examined and subsequently monitored in respect of conformity with the requirements laid down in section 3.

5.1 Application for certification

The applicants are the various companies within the biomass chain or chemical industry.

The following documents must be submitted by the applicant to DIN CERTCO:

- The application for certification with a legally binding signature as well as company stamp

The contract is concluded for the validity of the certificate. It is extended automatically for another certification period without the necessity of an application for re-certification, if the certification requirements remain fulfilled.

5.2 Conformity Assessment

On the basis of the documents submitted and the findings of the inspection report, DIN CERTCO conducts the conformity assessment. The assessment is carried out by a person who was not involved in the evaluation process. The assessment is carried out using in particular the submitted documents and information to determine whether the requirements of the certification scheme and the relevant REDcert certification system are fulfilled.

5.3 Certificate and Inspection Certificate

Once the inspection and the conformity assessment of the application documents have been completed successfully, DIN CERTCO issues a certificate or inspection certificate to the applicant with the associated registration number.

This must be carried out at the latest 6 weeks after the completion of the inspection in the REDcert EU and REDcert² system.

In the REDcert EU system and REDcert² system Interfaces will receive a certificate.

In the REDcert EU system, economic operators which fulfill the requirements of RED II but are no interfaces according to the REDcert Scheme principles for neutral inspections section 5.7 an inspection certificate.

5.4 Publications (interface directory)

Certificate and inspection certificate holders can be viewed on the daily up-dated homepage of DIN CERTCO www.dincertco.de under certificate holders and under www.redcert.org. Manufacturers, users and consumers use this research possibility for obtaining information on certified products.

Besides the contact details (telephone, telefax, e-mail, homepage), this page also contains further information about the specific scope.

Within the course of the yearly reporting interface list will be forwarded to BLE.

5.5 Validity of the Certificate/ Inspection certificate

The certificate/inspection certificate is valid for 1 year. The period of validity is shown on the certificate.

5.6 Re-certification

If the certification shall continue to apply beyond the date shown on the certificate/inspection certificate, an up-to-date, positive inspection checklist on a re-certification audit must be submitted in good time to DIN CERTCO. On the basis of the documents submitted, DIN CERTCO conducts the conformity assessment.

5.7 Expiry of the Certificate/Inspection Certificate

At the end of the validity period, the certificate or the inspection certificate in connection with the registration number expires. Furthermore, the certificate can also expire if:

- The certificate is misused by the certificate holder,
- The requirements laid down in the certification scheme or its accompanying documents are not fulfilled,
- The certification fees are not paid on the due date,
- The prerequisites for the issuing of the certificate are no longer fulfilled.

If the extension of the certification is not desired anymore, also the contract with REDcert has to be terminated by the certificate holder.

5.8 Alteration/Amendments

5.8.1 Alteration to the Basic Test Specifications

If the basic test specifications for the certification is modified and no other transitional regulation has been defined, an application for the alteration of the certification shall be submitted within 6 months of receiving notification from DIN CERTCO and, as a rule, after 12 months,

proof of conformity with the modified examination specifications shall be submitted in the form of a positive inspection report.

5.8.2 Alteration in the scope of the certificate

If during the validity period of the certificate in the scope is planned an application for amendment has to be submitted to DIN CERTCO.

For the addition of new materials under REDcert²:

According to the specifications in the REDcert² Scheme principles for the certification of sustainable material flows for the chemical industry section 9.2.1 a desk audit may be necessary.

5.9 Non-conformities

A distinction is made between minor non-conformities, major and Critical (KO) non-conformities.

The following requirements apply according to:

- System principles for neutral inspections under the Biomass Sustainability Ordinances (BioSt-NachV and Biokraft-NachV) section 1.1.1 chapter Evaluation of the inspection results
- REDcert Scheme principles for neutral inspections section 3.5 Evaluation of the inspection results
- REDcert² System principles for biomass production in the food industry
- Scheme principles for the certification of sustainable material flows in the chemical industry

In the REDcert EU System REDcert and the BLE are informed within 24 hours by the certification body. In the REDcert² System the information is passed to REDcert.

5.10 Reporting to REDcert and Bundesanstalt für Landwirtschaft und Ernährung (BLE) in the REDcert EU System

The certification body is obligated to inform REDcert and BLE about first or re-certification including scopes, major non-conformities and withdrawal of certificates.

Further, the certification body is obligated to inform BLE about planned inspection/audit dates.

6 Surveillance by the Manufacturer

The manufacturer must ensure, by suitable quality management measures, that the product characteristics confirmed by the certification are maintained. This can be accomplished by means of an in-house factory production control (FPC) focussed on the product itself or on the production and, in addition, can be guaranteed within the framework of a quality management system (QM-System) in accordance with the standard series DIN EN ISO 9000 ff.

This also relates to the documentation and structure of the complaints system. This must, among other things, regulate how complaints, non-conformities from the requirements of the certification scheme and the standards set out above are handled.

Appropriate records shall be submitted to DIN CERTCO or its authorised representative on request.

