

Revision information

REDcert²

Scheme principles for the certification of sustainable material flows for the chemical industry

Several editorial changes have been made by REDcert to the document listed below. In addition, clarifications (see below) have been added for some issues that REDcert thinks are necessary for improved understanding and uniform application of the system. The documents are available in German and English and can be downloaded from REDcert's website at <https://redcert.org/redcert-systeme/systemdokumente.html>.

Scheme principles for the certification of sustainable material flows for the chemical industry

This is Version 01 of the document.

Criterion	Change	Page
1 Introduction	Expanding the concept of sustainability, beyond certified biomass, to include recycled waste materials. Implementation of the possibility to manage an extended mass balance (EMB).	5 ff.
3 Conditions and scope of validity	Expansion of the scope to products with shares of recycled materials.	9 ff.
5.2 Requirements for biomass-balanced raw materials	Changed regulations for negligible aggregates.	12 f.
5.3 Special requirements for the collection and use of biogenic waste and residual materials and recycled waste materials	Explanation of requirements for the use of recycled waste for the purposes of chemical and mechanical recycling.	13 f.
5.4 Requirements for the GHG emissions saving and the calculation method	Implementation of the option to show GHG emissions.	14

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5.5 Requirements for the traceability and mass balancing to provide continuous proof of origin of biomass and recycled waste materials	Additional requirements for the information and traceability system in case of chemical and mechanical recycling of waste materials.	15 f.
5.6 Documentation requirements	Note on the internal and external representation of all certified products. Explanation of the new functionalities for creating product certificates via the REDcert certificate database.	16
5.7 Requirements for certified products or for communication and use of advertising claims	Note on the presentation of the requirements for the use of the REDcert ² sign and certain product statements in the separate document " <i>Guidelines governing the use of the REDcert² logo and the representation of claims for products made from sustainable material flows.</i> ".	16 f.
5.8 Scheme functionality	Presentation of the functionality of the recycling mass balance approach.	18 f.
5.10 Other certification schemes	Specific requirements for the use of recycled waste.	19 f.
8.2 Balancing period	Inclusion of the possibility to extend the balancing period in individual cases beyond the maximum period of 3 months.	23 f.
8.4 Account management system	Advanced requirements for the account management system for the processing of both biomass-balanced and recycled products.	26 f.
8.8 Documentation requirements	Additional regulations for the process-spanning trade of sustainably certified material flows.	27
8.9 Requirements for downstream companies	Note on the presentation of the requirements for communication in the separate document " <i>Guidelines governing the use of the REDcert² logo and the representation of claims for products made from sustainable material flows.</i> ".	27 ff.
9.8 Issuing and revoking certificates	Note on the internal and external representability of the products certified under a certificate.	34 ff.
9.9 Scope of the inspections	Enabling the option to inspect operating sites as a group in the form of what is known as group certification.	36 f.
11.1 Requirements for certification bodies	Specification of requirements for certification bodies and inspectors.	28 f.

Criterion	Change	Page
Annex 1 - definition of terms	<p>Additional definition of recycled waste materials, fossil-based recycled products, Extended Mass Balance (EMB) and dedicated products or products consisting purely of recycled materials.</p> <p>Ergänzung der Definitionen um recycelte Abfallstoffe, fossile Recyclingprodukte, erweiterte Massenbilanz (Extended Mass Balance (EMB)) und dedizierte bzw. rein aus Recyclingstoffen bestehende Produkte.</p>	44 ff.
Annex 2 a) - Sustainable certified biomass and fossil-based raw materials	Addition of sustainably certified recycled waste materials.	49
Annex 2 b) - intermediate products	Addition of intermediate products from the plastic production.	50

Otherwise only editorial changes to wording were made.