



Global Recycled Standard

Summary of Changes from 3.0 to 4.0

June 2017

Reference GRS 3.0	Requirement GRS 3.0	Reference GRS 4.0	Requirement GRS 4.0	Reason for Change
N/A	"must"	How to use this document	In the CCS, the following verbal forms are used to indicate requirements, recommendations, permissions, or capabilities: <ul style="list-style-type: none"> • "shall" indicates a requirement • "should" indicates a recommendation • "may" indicates a permission • "can" indicates a possibility or capability 	Clearer and more consistent than other terms. In alignment with ISO 17065
A1.1b	The Standard applies to products that contain 20% or more Recycled Content. Some exceptions may apply, see Textile Exchange Accreditation and Certification Procedures for the derogation process.	A3.1a	The Standard applies to products that contain 20% or more Recycled Content. Some exceptions may apply, see Textile Exchange Accreditation and Certification Procedures for the derogation process.	In some applications, it may not be possible to achieve 20% content.
A1.1c	The Standard can be used with any recycled input material, and can apply to any supply chain.	A3.1b	The Standard applies to any verified Recycled Material and may apply to any supply chain.	'Can' was removed from this line because it is not precise. 'Verified' was added to make clear that all Claimed Material will be verified.
A1.1d	The Standard gives guidelines for practices that protect the integrity and identity of recycled material.	A3.2a	The Standard provides verification of chain of custody for Recycled Material, in accordance with the Content Claim Standard.	Text was edited for clarity and precision
n/a	n/a	A3.2b	The Standard includes consumer-facing labeling; only products that have been certified up to the seller in the last business-to-business transaction are eligible. Only products with at least 50% Recycled Content qualify for product-specific GRS labeling. See GRS Logo Use and Claims Guide for labeling guidelines.	The criteria for labeling was made more explicit.
A1.1e	The Standard gives guidelines for social and environmental requirements during the production stages of GRS certified products.	A3.2c	The Standard establishes criteria for social and environmental principles in processing GRS certified products.	Edited for clarity and precision
A1.1f	The Standard addresses the chemicals used in the processing of GRS products; it does not address the chemicals present in the input materials or the final products.	A3.2d	The Standard restricts the use of hazardous chemicals in the processing of GRS products; it does not address the chemicals present in the Reclaimed Materials or what may be present in final GRS products.	Edited for precision
A1.2	The GRS addresses the flow of products within and between companies, and covers manufacturing, storage, handling, and shipping. The GRS applies to the supply chain, including all owners up to the final seller in the last B2B transaction.		<i>This has been moved to the Introduction</i>	Consistency between standards
A1.3	The standard is effective as of August 5, 2014. The GRS v3 replaces all earlier versions of the Global Recycle Standard. Details of the transition and major updates from version 2.1 are found in the TE GRS Version 3 Transition document. Certification to the GRS is valid for one year and subject to annual renewals.		<i>This has been moved to the first page of the standard.</i>	Consistency between standards
A4	Entities involved in Material Collection, Material Concentration, and Material Recycling of GRS inputs must submit declarations for the materials they are supplying. Entities may handle one or multiple of these stages.		<i>This has been removed.</i>	This has been removed since the Material Recycler is responsible for the documentation provided by the Material Collectors or Material Concentrators.

A4	Material Collection: random inspections; self-declaration	<i>This has been removed.</i>	This has been removed since the Material Recycler is responsible for the documentation provided by the Material Collectors.
A4	Material Concentration: random inspections; self-declaration	<i>This has been removed.</i>	This has been removed since the Material Recycler is responsible for the documentation provided by the Material Concentrators.
A4	Material Recycling: full RCS certification; transaction certificates	Material Recycling: full GRS certification; transaction certificates	Correction of error
A4	Production and Trading: full RCS certification, with exceptions for subcontractors and low volume traders; transaction certificates.	Production and Trading: full GRS certification, with exceptions for subcontractors and low volume traders; transaction certificates.	Correction of error
A4.1	<p>A4.1 Material Collection</p> <p>A4.1a Entities involved in Material Collection are not subject to GRS certification and materials from the collection stage may not claim to be certified to the GRS.</p> <p>A4.1b Entities involved in Material Collection (as defined in A3), with the exception of individuals, are required to submit the Reclaimed Material Declaration Form (see Appendix 1). The Reclaimed Material Declaration Form must be submitted to consignees on an annual basis for all reclaimed materials being supplied for use in GRS products. The Reclaimed Material Declaration Form declares that the facility will allow inspections with a minimum of a 3 day notice by Certification Bodies accredited to the GRS.</p> <p>A4.1c Entities involved in Material Collection, with the exception of individuals, must have legal authorization to operate.</p>	<i>This has been removed.</i>	This has been removed since the Material Recycler is responsible for the documentation provided by the Material Collectors or Material Concentrators.
A4.2	<p>A4.2 Material Concentration</p> <p>. A4.2a Entities involved in Material Concentration are not subject to GRS certification and materials from the concentration stage may not claim to be certified to the GRS.</p> <p>A4.2b Entities involved in Material Concentration (as defined in A3) are required to submit the Reclaimed Material Declaration Form (see Appendix 1). The Reclaimed Material Declaration Form must be submitted to consignees on an annual basis for all reclaimed materials being supplied for use in GRS products. The Reclaimed Material Declaration Form declares that the facility will allow inspections with a minimum of a 3 day notice by Certification Bodies accredited to the GRS.</p> <p>A4.2c Entities involved in Material Concentration must have legal authorization to operate.</p>	<i>This has been removed.</i>	This has been removed since the Material Recycler is responsible for the documentation provided by the Material Collectors or Material Concentrators.
A4.3a	Entities involved in Material Recycling (as defined in A3) must be certified to the GRS.	A4.1a Entities involved in Material Recycling (as defined in A1) are subject to GRS certification. The GRS requires compliance with the requirements of the Content Claim Standard, whereby the 'Claimed Material' is replaced with 'Recycled Material' as defined in section A1.	This has been edited for clarity and consistency with other TE standards. We have also moved to using consistent terms for shall, should, may, and can. 'Must' is no longer used.

A4.3b	In addition, entities involved in Material Recycling must:	A4.1b	In addition, entities involved in Material Recycling shall :	We have moved to using consistent terms for shall, should, may, and can. 'Must' is no longer used.
n/a	n/a	A4.1b ii	Hold valid Reclaimed Material Supplier Agreements (see Appendix B) for all suppliers of Reclaimed Material (entities involved in Material Collection and/or Material Concentration).	This is a new requirement.
A4.3b i.	Hold valid Reclaimed Material Declaration Forms for all GRS input materials, or proof of verification to an accepted standard, see <i>TE Accepted Equivalent Standards</i> , available online (http://globalrecycled.org).	A4.1b i	Collect and retain completed Reclaimed Material Declaration Forms (see Appendix C) from their suppliers for all Reclaimed Material inputs. The Reclaimed Material Declaration Forms shall be collected at least annually or if the Reclaimed Material source changes.	This has been reworded for clarity.
A4.3b iii	Inspect all incoming shipments of reclaimed material to confirm that they are not virgin material. In the case that virgin material is identified, the supplier of the material and the Certification Body shall be notified, and shall implement increased control measures over incoming products from the supplier involved.	A4.1b iv.	Inspect all incoming shipments of Reclaimed Material to confirm that they are not virgin material; confirm the correct identification as Pre- or Post-Consumer. Retain records of inspections.	The records of inspections is a new requirement. The guidance for inspecting incoming material has been moved to the Implementation Manual.
A4.3b iv	Supply Transaction Certificates for all outgoing GRS certified products.	A4.1b v.	Request Transaction Certificates for all outgoing GRS certified products.	This has been reworded for precision, since the Certified Organization requests the TC from the Certification Body who is responsible for issuing the documents.
n/a	n/a	A4.1c	A4.1c Material Recyclers who collect Reclaimed Material from their own processing shall retain the following records to verify their volume of recycling: i. Records of all materials entering the recycling process. ii. Description of Reclaimed Material and the stage where the waste was collected. iii. Any other relevant transfer notes. iv. Reclaimed Material Declaration Forms may be used in lieu of the records listed above (see Appendix C).	This section is a new requirement to ensure that companies collecting and recycling material from their own manufacturing may be effectively audited.
A5.2	In addition to the requirements of the CCS, all organizations involved in the production or trade of GRS products must meet the following requirements:	A5.2	In addition to the requirements of the CCS, all organizations involved in the production or trade of GRS products shall meet the following requirements:	All instances of 'must' have been replaced with 'shall.'
A5.2a	All recycled materials entering the supply chain must have a valid Transaction Certificate (TC) issued by an approved CB.	A5.2a	All Recycled materials entering the supply chain shall have a valid Transaction Certificate (TC) issued by an approved CB.	All instances of 'must' have been replaced with 'shall.'
A5.2b	The amounts of pre-consumer and post-consumer material must be recorded separately for each batch at all steps of production and recorded on the transaction certificate.	A5.2b	Pre-Consumer and Post-Consumer Material Content percentage shall be recorded separately for each batch at every certified site and recorded on the transaction certificate.	All instances of 'must' have been replaced with 'shall.' Additional edits for precision.
A5.2c	Exempted traders with less than \$10,000 annual turnover of GRS products must register with an approved Certification Body and must inform the Certification Body immediately once their annual turnover exceeds \$10,000, or once they plan to (re-) pack or (re-) label GRS products.	A5.2c	Exempted traders with less than \$10,000 annual turnover of GRS products shall register with an approved Certification Body and shall inform the Certification Body immediately once their annual turnover exceeds \$10,000, or once they plan to (re-) pack or (re-) label GRS products.	All instances of 'must' have been replaced with 'shall.'
A5.2d	In cases where there is the possibility of differential rates of production loss between recycled and virgin inputs, organizations must address this through their mass balance formula for each material to show that calculations were done to account for the differences.	A5.2d	In cases where there is the possibility of differential rates of production loss between Recycled and virgin inputs, Certified Organizations shall address this through their mass balance formula for each material to show that calculations were done to account for the differences.	All instances of 'must' have been replaced with 'shall.' Additional edits for clarity.

A5.2e	Buyers of the GRS product will be responsible to set any further requirements on the specific standards or requirements to which the input material must be certified. These additional requirements are separate from the GRS and its certification process.	A5.2e	Buyers of the GRS product will be responsible to set any further requirements on the specific standards or requirements to which the input material shall be certified. These additional requirements are separate from the GRS and its certification process.	All instances of 'must' have been replaced with 'shall.'
Section B	In all instances, the international labor standard, national and/or local legislation or GRS requirement that is the most stringent, shall apply.	Section B	In all instances, the international labor standard, national and/or local legislation or GRS requirement that is the most stringent, shall apply to the extent that it does not place them in violation of applicable law.	This has been edited to ensure the standard does not come into conflict with any existing legislation.
n/a	n/a	Section B	Certified Organizations shall demonstrate that their working conditions are in line with the social principles in Section B2 during the annual audit. Other audits may be accepted, see Textile Exchange Accepted Equivalent Standards.	This has been added to make it clear what is required by the Certified Organization.
B1.1	B1.1 Certified Organizations must have a clear set of policies to ensure compliance with the social requirements of the GRS.	B1.1	B1.1 Certified Organizations shall have a clear set of policies to ensure compliance with the social requirements of the GRS.	All instances of 'must' have been replaced with 'shall.'
B1.1	These policies must include:	B1.1	These policies shall include:	All instances of 'must' have been replaced with 'shall.'
B1.1a	One or more persons within the Certified Organization responsible for ensuring social compliance. It is not required that an entire position must be dedicated to managing the social principles at the facility, but instead that someone has been assigned the role as part of their job responsibilities.	B1.1a	One or more persons within the Certified Organization responsible for ensuring social compliance. It is not required that an entire position must be dedicated to managing the social principles at the facility, but instead that someone has been assigned the role as part of their job responsibilities.	This instance of must was not necessary.
B1.1b	Worker awareness of policies regarding the social principles listed in Section B2.	B1.1b	Worker awareness of policies regarding the social requirements listed in Section B2.	This has been changed for precision.
n/a	n/a	B1.2	B1.2 Record Keeping B1.2a Certified Organization shall submit a signed document that confirms their commitment to comply with the GRS Social Requirements outlined in Section B2. B1.2b Certified Organization shall submit all relevant policy documents and training records referencing the procedures in place to protect the rights and safety of workers.	This has been added to make it clear what is required by the Certified Organization.
B2.1a	All work must be conducted on a voluntary basis, and not under threat of any penalty or sanctions.	B2.1a	All work shall be conducted on a voluntary basis, and not under threat of any penalty or sanctions.	All instances of 'must' have been replaced with 'shall.'
B2.3a	Workers have the right to join or form trade unions or workers' associations of their own choosing and to bargain collectively, without prior authorization from organizations' management. Organizations shall not interfere with, obstruct or prevent such legitimate activities. Workers shall also have the right to join workers' associations of their own choosing. Organizations shall not interfere with, obstruct or prevent such legitimate activities nor create an atmosphere that is hostile to the formation of unions and workers' association.	B2.3a	Workers have the right to join or form trade unions or workers' associations of their own choosing and to bargain collectively, without prior authorization from Certified Organizations' management. Certified Organizations shall not interfere with, obstruct or prevent such legitimate activities. Workers shall also have the right to join workers' associations of their own choosing. Certified Organizations shall not interfere with, obstruct or prevent such legitimate activities nor create an atmosphere that is hostile to the formation of unions and workers' association.	This has been edited to be consistent with other Standards.
B2.3b	Where the right to freedom of association and collective bargaining is restricted or prohibited under law, organizations shall not hinder alternative forms of independent and free workers representation and negotiation, in accordance with international labor standards.	B2.3b	Where the right to freedom of association and collective bargaining is restricted or prohibited under law, Certified Organizations shall not hinder alternative forms of independent and free workers representation and negotiation, in accordance with international labor standards.	This has been edited to be consistent with other Standards.
B2.3c	Organizations shall not discriminate against or otherwise penalize worker representatives or trade union members because of their membership in or affiliation with a trade union, or their legitimate trade union activity, in accordance with international labor standards.	B2.3c	Certified Organizations shall not discriminate against or otherwise penalize worker representatives or trade union members because of their membership in or affiliation with a trade union, or their legitimate trade union activity, in accordance with international labor standards.	This has been edited to be consistent with other Standards.
B2.3d	Organizations shall give worker representatives access to the workplace in order to carry out their representative functions, in accordance with international labor standards.	B2.3d	Certified Organizations shall give worker representatives access to the workplace in order to carry out their representative functions, in accordance with international labor standards.	This has been edited to be consistent with other Standards.

B2.5a	Certified Organizations shall provide safe and clean conditions in all work and residential facilities and shall establish and follow a clear set of procedures regulating occupational health and safety. Emergency procedures must be clearly displayed and understandable to all workers, and hazards must be clearly marked.	B2.5a	Certified Organizations shall provide safe and clean conditions in all work and residential facilities and shall establish and follow a clear set of procedures regulating occupational health and safety. Emergency procedures shall be clearly displayed and understandable to all workers, and hazards shall be clearly marked.	All instances of 'must' have been replaced with 'shall.'
B2.5b	Certified Organizations must take adequate steps to prevent accidents and injury to health arising out of, associated with, or occurring in the course of work, by minimizing, so far as is reasonably practicable, the causes of hazards inherent in the working environment. Appropriate and effective personal protective equipment shall be provided as needed.	B2.5b	Certified Organizations shall take adequate steps to prevent accidents and injury to health arising out of, associated with, or occurring in the course of work, by minimizing, so far as is reasonably practicable, the causes of hazards inherent in the working environment. Appropriate and effective personal protective equipment shall be provided as needed.	All instances of 'must' have been replaced with 'shall.'
B2.6a	Work performed must be on the basis of a recognized employment relationship established in compliance with national legislation and practice and international labor standards; whichever affords the greater protection.	B2.6a	Work performed shall be on the basis of a recognized employment relationship established in compliance with national legislation and practice and international labor standards; whichever affords the greater protection.	All instances of 'must' have been replaced with 'shall.'
B2.6c	Certified Organizations must compensate their workers by providing wages, overtime pay, benefits and paid leave which respectively meet or exceed legal minimum and/or industry benchmark standards and/or collective agreements, whichever is higher. Wages and compensation for regular working hours shall meet basic needs and provide some discretionary income for workers and their families.	B2.6c	Certified Organizations shall compensate their workers by providing wages, overtime pay, benefits and paid leave which respectively meet or exceed legal minimum and/or industry benchmark standards and/or collective agreements, whichever is higher. Wages and compensation for regular working hours shall meet basic needs and provide some discretionary income for workers and their families.	All instances of 'must' have been replaced with 'shall.'
B3	<p>B3 - Verification of Social Compliance</p> <p>B3.1 Required documents</p> <p>. B3.1a Certified Organization must submit a signed document that confirms their commitment to comply with the GRS Social Principles outlined in Section B2.</p> <p>. B3.1b Certified Organization must submit all relevant policy documents and training records referencing the procedures in place to protect the rights and safety of workers.</p> <p>B3.2 Accepted Equivalent Audits</p> <p>Certified Organizations must demonstrate that their working conditions are in line with the social principles in Section B2 during an annual audit that meets the GRS Social Auditing Methodology in Appendix 3.</p> <p>. B3.2a Certified Organizations may submit an equivalent third-party audit report that meets the following requirements:</p> <p>i. The audit must have been conducted against GRS recognized social principles, see TE Accepted Equivalent Standards (available online: http://globalrecycled.org).</p> <p>ii. The full audit report must be made available to the GRS inspector.</p>	n/a	<i>This has been removed.</i>	All record keeping has been moved to the beginning of this segment. Information about accepted social audits will be in the TE Accepted Equivalent Standards.
n/a	n/a	Section C	Certified Organizations shall demonstrate their compliance with the environmental requirements in Section C during an annual audit. Other audits may be accepted, see Textile Exchange Accepted Equivalent Standards.	This has been added to make it clear what is required by the Certified Organization.
C1.1	Certified Organizations must have an environmental management system (EMS) in place. The environmental management system must include the following:	C1.1	Certified Organizations shall have an environmental management system (EMS) in place. The environmental management system shall include the following:	All instances of 'must' have been replaced with 'shall.'
C1.1b	A designated EMS staff person (from the management level) responsible for its implementation; it is not required that an entire position must be dedicated to managing the environmental management system at the facility, but instead that someone has been assigned the role as part of their job responsibilities.	C1.1b	A designated EMS staff person (from the management level) responsible for its implementation; it is not required that an entire position must be dedicated to managing the environmental management system at the facility, but instead that someone has been assigned the role as part of their job responsibilities.	This instance of must was not necessary.

C1.1e	Annual plan to reduce environmental impacts where indicated below (Sections C2.1, C2.2, C2.5).	C1.1e	Annual plan to target and reach meaningful environmental improvements across all indicators (Sections C2.1, C2.2, C2.4, and C2.5).	At some point, it will not be realistic to continue reducing impacts. Instead, we would like for Certified Organizations to set meaningful targets with their own practices and history in mind.
n/a	n/a	C1.2	<p>C1.2 Chemical Management System The Certified Organization shall have a Chemical Management System (CMS) in place which includes the following:</p> <p>C1.2a Mechanism to monitor and meet all relevant legal requirements related to chemical management.</p> <p>C1.2b A dedicated and competent staff person responsible for managing the Certified Organization's use of chemicals; it is not required that an entire position shall be dedicated to managing the chemical use at the facility, but instead that someone has been assigned the role as part of their job responsibilities.</p> <p>C1.2c Procedures and records for training of relevant staff in chemical management, and where necessary, training to properly manage the CMS.</p> <p>C1.2d Complete information on all input suppliers, including address and key contacts.</p> <p>C1.21e Accurate lists of all chemical inputs used in all products; each input shall have a complete Safety Data Sheet (SDS) available in the language(s) used by workers in the facility and in English. Information shall be available for a minimum of 5 years. The SDS shall meet the guidelines found in D1.2a. The chemical supplier should be responsible for the English translations of the SDS.</p>	This has been moved from the Chemical Section so that it applies to the Chemical management of all substances used at a facility, and not just the substances used in GRS products.
n/a	n/a	C1.3	<p>C1.3 Record Keeping</p> <p>C3.1a Certified Organization shall submit a signed document that confirms their commitment to comply with the GRS Environmental Requirements outlined in Section C2.</p> <p>C3.1b Certified Organization shall submit all relevant policy documents and training records referencing the procedures in place to ensure environmental management.</p>	This has been added to make it clear what is required by the Certified Organization.
C2.1a	The Certified Organization must monitor and meet all relevant legal requirements related to energy use.	C2.1a	The Certified Organization shall monitor and meet all relevant legal requirements related to energy use.	All instances of 'must' have been replaced with 'shall.'
C2.1b	Relevant, up-to-date permits must be held and compliance maintained.	C2.1b	Relevant, up-to-date permits shall be held and compliance maintained.	All instances of 'must' have been replaced with 'shall.'
C2.1c	There must be tracking and record keeping of energy consumption, and on a monthly basis.	C2.1c	There shall be tracking and record keeping of energy consumption, and on a monthly basis.	All instances of 'must' have been replaced with 'shall.'
C2.1d	The Certified Organization must set and meet targets for meaningful improvements in energy use and review progress annually.	C2.1d	The Certified Organization shall set and meet targets for meaningful improvements in energy use and review progress annually.	All instances of 'must' have been replaced with 'shall.'
C2.2a	The Certified Organization must monitor and meet all relevant legal requirements related to water use.	C2.2a	The Certified Organization shall monitor and meet all relevant legal requirements related to water use.	All instances of 'must' have been replaced with 'shall.'
C2.2b	Relevant, up-to-date permits must be held and compliance maintained.	C2.2b	Relevant, up-to-date permits shall be held and compliance maintained.	All instances of 'must' have been replaced with 'shall.'
C2.2c	Measurement and record keeping of water usage must be undertaken on a monthly basis.	C2.2c	Measurement and record keeping of water usage shall be undertaken on a monthly basis.	All instances of 'must' have been replaced with 'shall.'
C2.2d	The Certified Organization must set and meet targets for meaningful improvements in water use and review progress annually.	C2.2d	The Certified Organization shall set and meet targets for meaningful improvements in water use and review progress annually.	All instances of 'must' have been replaced with 'shall.'
C2.3a	The Certified Organization must monitor and meet all relevant legal requirements related to wastewater / effluent, with corresponding record keeping.	C2.3a	The Certified Organization shall monitor and meet all relevant legal requirements related to wastewater / effluent, with corresponding record keeping.	All instances of 'must' have been replaced with 'shall.'
C2.3b	Relevant, up-to-date permits must be held and compliance maintained.	C2.3b	Relevant, up-to-date permits shall be held and compliance maintained.	All instances of 'must' have been replaced with 'shall.'
C2.3d	There must be identification of the contaminants and wastewater quality parameters (listed in Appendix 4) and their flow direction.	C2.3d	There shall be identification of the contaminants and wastewater quality parameters (listed in Appendix 4) and their flow direction.	All instances of 'must' have been replaced with 'shall.'

C2.3e	There must be a system in place to ensure that wastewater receives proper treatment, either on or off-site, to meet minimum requirements before entering the water stream, see Appendix 4. Where national and local requirements are more stringent, these limit values supersede the requirements listed in Appendix 4. This system shall also ensure that sludge receives proper treatment and disposal. Test reports must be made available for the certification body and meet the requirements below. i. The report must cover no more than 6 months. ii. Must be conducted by trained personnel using equipment as directed by the test guidelines. iii. The reports must cover all legal requirements and those set out in Appendix 4.	C2.3e	There shall be a system in place to ensure that wastewater receives proper treatment, either on or off-site, to meet minimum requirements before entering the water stream, see Appendix D. Where national and local requirements are more stringent, these limit values supersede the requirements listed in Appendix D. This system shall also ensure that sludge receives proper treatment and disposal. Test reports shall be made available for the certification body and meet the requirements below. i. The report shall cover no more than 6 months. ii. Shall be conducted by trained personnel using equipment as directed by the test guidelines. iii. The reports shall cover all legal requirements and those set out in Appendix D.	All instances of 'must' have been replaced with 'shall.' The appendices have been renumbered.
C2.3f	If a company elects to treat wastewater in an off-site facility, the facility must meet the following requirements:	C2.3f	If a company elects to treat wastewater in an off-site facility, the facility shall meet the following requirements:	All instances of 'must' have been replaced with 'shall.'
C2.3f i	Water leaving the off-site facility must meet minimum requirements before entering the water stream, see Appendix 4. Where national and local requirements are more stringent, these limit values supersede the requirements listed in Appendix 4.	C2.3f i	Water leaving the off-site facility shall meet minimum requirements before entering the water stream, see Appendix D. Where national and local requirements are more stringent, these limit values supersede the requirements listed in Appendix D.	All instances of 'must' have been replaced with 'shall.' The appendices have been renumbered.
C2.3f ii	The facility must have capacity adequate for the volume of wastewater sent from the Certified Organization.	C2.3f ii	The facility shall have capacity adequate for the volume of wastewater sent from the Certified Organization.	All instances of 'must' have been replaced with 'shall.'
C2.4a	The Certified Organization must meet all relevant legal requirements (including monitoring) related to air emissions, with corresponding record keeping.	C2.4a	The Certified Organization shall meet all relevant legal requirements (including monitoring) related to air emissions, with corresponding record keeping.	All instances of 'must' have been replaced with 'shall.'
C2.4b	Relevant, up-to-date permits must be held and compliance maintained.	C2.4b	Relevant, up-to-date permits shall be held and compliance maintained.	All instances of 'must' have been replaced with 'shall.'
C2.4c	An inventory of main point source emissions to air must be maintained and potential for fugitive emissions must be addressed.	C2.4c	An inventory of main point source emissions to air shall be maintained and potential for fugitive emissions shall be addressed.	All instances of 'must' have been replaced with 'shall.'
C2.4d	There must be regular maintenance of any equipment containing Ozone Depleting Substances or any other potential air pollutants.	C2.4d	There shall be regular maintenance of any equipment containing Ozone Depleting Substances or any other potential air pollutants.	All instances of 'must' have been replaced with 'shall.'
n/a	n/a	C2.4e	The Certified Organization shall set and meet targets for meaningful improvements in emissions to air and review progress annually.	This is a new requirement.
C2.5a	The facility must meet all relevant legal requirements related to waste management.	C2.5a	The facility shall meet all relevant legal requirements related to waste management.	All instances of 'must' have been replaced with 'shall.'
C2.5b	Relevant, up-to-date permits must be held and compliance maintained.	C2.5b	Relevant, up-to-date permits shall be held and compliance maintained.	All instances of 'must' have been replaced with 'shall.'
C2.5c	Waste contractors must have appropriate permits.	C2.5c	Waste contractors shall have appropriate permits.	All instances of 'must' have been replaced with 'shall.'
C2.5d	Hazardous and non-hazardous waste must be segregated and employee awareness and training provided on handling and segregation of wastes.	C2.5d	Hazardous and non-hazardous waste shall be segregated and employee awareness and training provided on handling and segregation of wastes.	All instances of 'must' have been replaced with 'shall.'
C2.5e	Inventory, management, storage and transportation procedures for all waste streams must be in place, including minimizing safety concerns to the environment and health.	C2.5e	Inventory, management, storage and transportation procedures for all waste streams shall be in place, including minimizing safety concerns to the environment and health.	All instances of 'must' have been replaced with 'shall.'
C2.5h	The Certified Organization must measure the amount of waste produced and keep corresponding records.	C2.5h	The Certified Organization shall measure the amount of waste produced and keep corresponding records.	All instances of 'must' have been replaced with 'shall.'
n/a	n/a	C2.5i	The Certified Organization shall set and meet targets for meaningful reductions in waste production, improvements in waste management, and review progress annually.	This is a new requirement.

C3	<p>C3 - Verification of Environmental Compliance</p> <p>C3.1 Required Documents</p> <p>. C3.1a Certified Organization must submit a signed document that confirms their commitment to comply with the GRS Environmental Principles outlined in Section C2.</p> <p>. C3.1b Certified Organization must submit all relevant policy documents and training records referencing the procedures in place to ensure environmental management.</p> <p>C3.2 Accepted Equivalent Audits</p> <p>Certified Organizations must demonstrate that their facility is in line with the environmental principles in Section C2 during an annual audit.</p> <p>. C3.2a Certified Organizations may submit an equivalent third-party audit report that meets the following requirements:</p> <p>i. The audit must have been conducted against GRS recognized environmental principles, see TE Accepted Equivalent Standards (available online: http://globalrecycled.org).</p> <p>ii. The full audit report must be made available to the GRS inspector.</p> <p>iii. The audit must have been conducted by a qualified auditor.</p> <p>iv. The audit must not be older than 12 months</p>	n/a	<i>This has been removed.</i>	All record keeping has been moved to the beginning of this segment. Information about accepted environmental audits will be in the TE Accepted Equivalent Standards.
Section D	<p>The GRS addresses only the use and management of chemicals in the manufacturing of GRS products. The standard does not apply to the facility as a whole, but only to the production of GRS products. The GRS does not address the chemicals that are present in the final product, as it does not control for any chemicals that may be present in the reclaimed products that are used as initial inputs in the GRS production chain. The GRS Prohibited Substance List (see D2.3) was developed with the textile industry in mind. As such, it does not apply to the production of non-textile products. Future versions of the standard will include similar lists for other classes of products.</p> <p>D1 - Chemical Management System</p> <p>D1.1 The Certified Organization must have a Chemical Management System (CMS) in place which includes the following:</p> <p>. D1.1a Mechanism to monitor and meet all relevant legal requirements related to chemical management.</p> <p>. D1.1b A dedicated and competent staff person responsible for managing the Certified Organization's use of chemicals; it is not required that an entire position must be dedicated to managing the chemical use at the facility, but instead that someone has been assigned the role as part of their job responsibilities.</p> <p>. D1.1c Procedures and records for training of relevant staff in chemical management, and where necessary, training to properly manage the CMS.</p> <p>. D1.1d Complete information on all input suppliers, including address and key contacts.</p>	Section D	<p>The GRS addresses only the use and management of chemicals in the manufacturing of GRS products. The standard does not apply to the facility as a whole, but only to the production of GRS products. The GRS does not address the chemicals that are present in the final product, as it does not control for any chemicals that might be present in the reclaimed products that are used as initial inputs in the GRS production chain. The GRS Prohibited Substance List (see D2.3) was developed with the textile industry in mind. As such, it does not apply to the production of non-textile products. Future versions of the standard will include similar lists for other classes of products.</p> <p><i>This has been moved to the Environmental Requirements section.</i></p>	<p>May' has been removed as it has a different meaning within in the context of this document.</p> <p>This has been moved from the Chemical Section to the Environmental Section so that it applies to the Chemical management of all substances used at a facility, and not just the substances used in GRS products.</p>
D1.1	<p>The Certified Organization must have a Chemical Management System (CMS) in place which includes the following:</p>	D1.1	<p>GRS Product Chemical Management</p> <p>In addition to the Chemical Management System (CMS) (see Section C1.2), the Certified Organization shall maintain:</p>	<p>This has been reworded to reflect the move of Chemical Management system criteria to the Environmental section.</p>

D1.1e	Accurate lists of all chemical inputs used in GRS products; each input must have a complete Safety Data Sheet (SDS) available in the language(s) used by workers in the facility and in English. Information must be available for a minimum of 5 years. The SDS must meet the guidelines found in D3.1c. The chemical supplier shall be responsible for the English translations of the SDS.	D1.1a	Accurate lists of all chemical inputs used in GRS products; each input must have a complete Safety Data Sheet (SDS) available in the language(s) used by workers in the facility and in English. Information must be available for a minimum of 5 years. The SDS must meet the guidelines found in D3.1c. The chemical supplier shall be responsible for the English translations of the SDS.	This has been moved to the record keeping within this section.
n/a	n/a	D1.1b	Documentation for each input that demonstrates they are accepted for use in GRS products (see details in D3.1).	This is a new requirement.
n/a	n/a	D1.2	D1.2 Record Keeping D1.2a Certified Organizations shall maintain Safety Data Sheets (SDS) for each substance (or mixture) used in the production of GRS Products. The SDS shall be less than three years old and shall meet at least one of the following criteria: <ul style="list-style-type: none"> • ANSI Z400.1-2004, which identifies information that shall be included to comply with the U.S. OSHA Hazard Communication Standard • Regulation (EC) No 1907/2006 (REACH), as adapted to take into account the rules for safety data sheets of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and the implementation of other elements of the GHS into EU legislation that were introduced by Regulation (EC) No 1272/2008 (CLP) • Globally Harmonised System of Classification and Labelling of Chemicals (GHS). D1.2b Certified Organizations shall maintain records of assessments conducted to verify conformance with the ZDHC MRSL Conformance Guidance document.	This has been added to make it clear what is required by the Certified Organization.
D2	D2 - Chemicals used in GRS products	D2	D2 – Restricted Chemical Substances in GRS	This has been reworded to reflect the intention of the Chemical Requirements.
	1. Exclusion of inherently problematic substances that are classified as dangerous to human health and/or to the environment by REACH. 2. Exclusion of groups of substances with established concern to health and the environment. 3. Exclusion of substances and mixtures classified with particular hazard codes or risk phrases.	D2	1. Exclusion of inherently problematic substances that are classified as dangerous to human health and/or to the environment by REACH. 2. Exclusion of substances and mixtures classified with particular hazard codes or risk phrases. 2. Exclusion of groups of substances with established concern to health and the environment. 3. Exclusion of substances that do not comply with ZDHC's Manufacturer's Restricted Substance List.	This requirement has been replaced with requiring compliance with the ZDHC MRSL.
D2.2	No use is allowed of substances and mixture that are assigned (or may be assigned by the time of the application) any of the hazard statement codes and/or risk phrases (or a combination of them) listed in Table A. • Chemicals or substances allowed by D2.1, but prohibited by D2.2, and that have no substitution product available, may be used in the production of GRS products, provided that a chemical management system is in place to ensure the SDS guidelines are followed and that minimal exposure of workers and environment occurs.	D2.2	No use is allowed of substances or mixtures that are assigned (or may be assigned by the time of the application) any of the hazard statement codes and/or risk phrases (or a combination of them) listed in Table A. • Chemicals or substances allowed by D2.1, but prohibited by D2.2, and that have no substitution product available, may be used in the production of GRS products, provided that a chemical management system is in place to ensure the SDS guidelines are followed and that minimal exposure of workers and environment occurs.	This line has been moved to the GRS Implementation Manual.
D2.3	Exclusion of groups of substances of concern to health and the environment (GRS Prohibited Substance List)	D2.3	Exclusion of groups of substances of concern to health and the environment (GRS Prohibited Substance List) Exclusion of substances that do not comply with the Manufacturer's Restricted Substance List (MRSL) from ZDHC.	The GRS Prohibited Substance List has been replaced with the ZDHC's Manufacturing Restricted Substance List.
n/a	n/a	D2.3a	Chemical formulations that exceed the parameters set forth by ZDHC's MRSL may not be used in GRS products. The MRSL is publicly available at http://www.roadmaptozero.com/ , along with additional tools and resources for use.	This is a new requirement to support the adoption of the ZDHC MRSL.

D3

D3 Verification of Chemicals

D3.1 Required Documents

. D3.1a Certified Organizations must submit a declaration form stating that the chemicals used in GRS manufacturing processes meet the criteria in D2. A template declaration form has been provided, see Appendix 5.

. D3.1b Certified Organizations must submit all relevant policy documents and training records referencing the procedures in place to ensure compliance with the Chemicals Requirements in Section D2.

. D3.1c Certified Organizations must submit the Safety Data Sheet (SDS) for each substance (or mixture) used in the production of GRS Products. The SDS shall be less than three years old and shall meet at least one of the following criteria:
i. ANSI Z400.1-2004, which identifies information that must be included to comply with the U.S. OSHA Hazard Communication Standard
ii. Regulation (EC) No 1907/2006 (REACH), as adapted to take into account the rules for safety data sheets of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and the implementation of other elements of the GHS into EU legislation that were introduced by Regulation (EC) No 1272/2008 (CLP)

This has been removed.

The record keeping has been moved to the beginning of this section.