



Concrete Sustainability Council

Technical Manual - Version 2.0 (Grinding Station)

The Concrete Sustainability Council (CSC)

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Prerequisites

P1 - Ethical and Legal Compliance

Aim

To ensure compliance with all applicable legislation.

This credit is a prerequisite for certification. No points can be achieved.

Total points achievable for this credit		
Concrete: 0 points	Cement: 0.02 points	Aggregate: 0 points

P1.01 Legal Compliance

Criterion Type
Company

Points achievable for this criterion
Concrete: **Cement:** 0.02 points **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement	x	x	x	x
Aggregate				

The organization must declare that all efforts have been made that may reasonably be expected of the organization in order to ensure that all of its operations comply with all applicable legal legislation, requirements, regulations, laws and by-laws.

Required evidence
Written declaration by senior management satisfying the assessment criteria.



P1.02 Anti Corruption

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 0 points

Aggregate:

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement	x	x	x	x
Aggregate				

The organization must declare that all efforts have been made that may reasonably be expected of the organization and its suppliers in order to prevent corruption.

The organization expects its suppliers to adhere to the highest standard of moral and ethical conduct, to respect local laws and not engage in any form of corrupt practices such as extortion, fraud, or bribery.

Required evidence

1: Written declaration by senior management satisfying the assessment criteria.

AND

2A: Company specific guidelines, directives, policies addressing the risk of corruption.

OR

2B: B2 Ethical Business 'B2.01 Ethical risk assessment' or B2.02 'Policy or code for ethical business' is achieved.



P2 - Human Rights

Aim

To ensure compliance with human rights. This credit is a prerequisite for certification. No points can be achieved.

Total points achievable for this credit

Concrete: 0 points

Cement: 0.02 points

Aggregate: 0 points



P2.01 Human rights

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 0.02 points **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement	x	x	x	x
Aggregate				

The organization must declare that all efforts have been made that may reasonably be expected of the organization in order to ensure that all of its operations comply with the Universal Declaration of Human Rights (UDHR). Topics that must be addressed in the declaration are:

- Human rights risk situations
- Avoidance of complicity
- Resolving grievances
- Discrimination and vulnerable groups (ILO convention 100, 111)
- Civil and political rights
- Economic, social and cultural rights
- Fundamental principles and rights at work (ILO convention 87, 98, appendix D)
- Child labor (ILO convention 138 and 182)
- Forced labor (ILO convention 29, 105, 203)

See the annex for additional information. For countries listed in the annex the provision of evidence is waived. This waiver applies to: A: cement and aggregates plants in those countries, B: Concrete plants that are in such countries, C: Concrete plants that receive at least the percentages of main materials (cement and aggregates) specified in P5 Traced Materials for the targeted certification level from such countries. D: For countries that have legal frameworks that conflict with one of the listed ILO conventions, plants have to deliver alternative evidence (see the annex).

Required evidence

Written declaration by senior management satisfying the requirements

OR

an SA8000 certificate covering the scope of this certification, not older than three years.



P2.02 Fair wages

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 0 points **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement	x	x	x	x
Aggregate				

In order to address the topics mentioned in ILO Convention 131 wages and salaries paid by the organization must meet the following requirements:

- Wage and salary rates
 1. Wage and salary rates in all circumstances meet or exceed legal minimum rates, where such rates exist.
 2. Wherever applicable, wage and salary rates meet or exceed: i. minimum concrete, cement or aggregates industry, respectively, minimum standards; or ii. other recognized industry wage agreements; or iii. living wages if these are higher than legal minimum wages.
 3. When no minimum wage levels exist, wages are established through culturally appropriate engagement with workers and/or formal and informal workers organizations.
- Wages and salaries are paid on time.

Required evidence

Written declaration by senior management satisfying the assessment criteria.



P3 - Indigenous Peoples Rights

Aim

To ensure that the rights and way of life of indigenous peoples potentially affected are respected.

This credit is a prerequisite for certification of mining operations which have started after December 31st, 2019. No points can be achieved.

Total points achievable for this credit		
Concrete: 0 points	Cement: 0.02 points	Aggregate: 0 points

P3.01 Assessment of potential impact on indigenous people

Criterion Type
Plant

Points achievable for this criterion
Concrete: **Cement:** 0.02 points **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement	x	x	x	x
Aggregate				

An assessment is done of whether indigenous people are potentially affected by the quarry operation. See the annex for the list of countries and / or regions that are considered free of potential impacts on indigenous people. Sites within these countries / regions are not required to provide an individual assessment.

Note for Grinding Stations:
The client must provide CSC system-conform evidence that the clinker suppliers meet the conditions set forth in P3 - Indigenous Peoples rights. The evidence for P3 can be provided by the CSC certificates of the clinker producers or by various individual evidence (in the same way as they would be provided for P3 in CSC cement certifications) by the individual clinker producers.

Minimum proven clinker coverage of prerequisites P3 is as follows:
 >=90% to be able to obtain a score
 >=90% to be able to obtain a certificate at level Bronze
 >=90% to be able to obtain a certificate at level Silver
 >=98% to be able to obtain a certificate at level Gold
 >=98% to be able to obtain a certificate at level Platinum

No assessment is possible if the proven clinker coverage of prerequisites P3 is less than 90%.

Required evidence
 Copy of the assessment
 OR
 Evidence (map, address) that the plant is within one of the countries / regions listed in the annex

P3.02 Free, prior and informed consent

Criterion Type

Plant

Points achievable for this criterion

Concrete:

Cement: 0 points

Aggregate:

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement	x	x	x	x
Aggregate				

If the assessment in P3.01 indicates that indigenous peoples are potentially affected, a participation process respecting the principle of free, prior and informed consent (FPIC) has to be implemented in the development of the activity, following for example the Conservation International Guidelines on FPIC or a similar framework (see the annex).

Note for Grinding Stations:

The client must provide CSC system-conform evidence that the clinker suppliers meet the conditions set forth in P3 - Indigenous Peoples rights. The evidence for P3 can be provided by the CSC certificates of the clinker producers or by various individual evidence (in the same way as they would be provided for P3 in CSC cement certifications) by the individual clinker producers.

Minimum proven clinker coverage of prerequisites P3 is as follows:

>=90% to be able to obtain a score

>=90% to be able to obtain a certificate at level Bronze

>=90% to be able to obtain a certificate at level Silver

>=98% to be able to obtain a certificate at level Gold

>=98% to be able to obtain a certificate at level Platinum

No assessment is possible if the proven clinker coverage of prerequisites P3 is less than 90%.

Required evidence

Documentation of the process according FPIC or similar (see the annex) and its outcomes

OR

Reference to evidence for P3.01 (in case no indigenous people are potentially affected)



P4 - Environmental and Social Impact

Aim

To ensure that environmental and social impacts have been duly considered before the implementation of the activity.

This credit is a prerequisite for certification of mining operations or major expansions which have started after December 31st, 2019. No points can be achieved.

Total points achievable for this credit

Concrete: 0 points

Cement: 0.02 points

Aggregate: 0 points

P4.01 Environmental and social impact assessment (ESIA)

Criterion Type

Plant

Points achievable for this criterion

Concrete:

Cement: 0.02 points

Aggregate:

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement	x	x	x	x
Aggregate				

An ESIA was conducted before the extraction operation began. The ESIA shall follow one of the frameworks referenced in the Annex. The ESIA shall also identify whether the site is in a karst region, and in such case should also address the biodiversity issues related to karst regions.

Note for Grinding Stations:

The client must provide CSC system-conform evidence that the clinker suppliers meet the conditions set forth in P4 - Indigenous Peoples rights. The evidence for P4 can be provided by the CSC certificates of the clinker producers or by various individual evidence (in the same way as they would be provided for P4 in CSC cement certifications) by the individual clinker producers.

Minimum proven clinker coverage of prerequisites P4 is as follows:

>=90% to be able to obtain a score

>=90% to be able to obtain a certificate at level Bronze

>=90% to be able to obtain a certificate at level Silver

>=98% to be able to obtain a certificate at level Gold

>=98% to be able to obtain a certificate at level Platinum

No assessment is possible if the proven clinker coverage of prerequisites P4 is less than 90%.

Required evidence

Copy of the ESIA



P5 - Traced Materials

Aim

To ensure that all materials are from traceable sources.

This credit is a prerequisite for certification. No points can be achieved for this credit.

Total points achievable for this credit

Concrete: 0 points

Cement: 0.02 points

Aggregate: 0 points

P5.01 Traceability of materials

Criterion Type

Plant

Points achievable for this criterion

Concrete:

Cement: 0.02 points

Aggregate:

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement	x	x	x	x
Aggregate				

The plant must demonstrate (via Environmental Management System or similar) that solid constituent materials (by mass) are from traceable sources.

The materials of all tier one suppliers have to be included in the scope.

CSC Bronze/Silver: $\geq 90\%$ of materials must come from traceable sources

CSC Gold/Platinum: $\geq 98\%$ of materials must come from traceable sources

Required evidence

Exemplary material list giving an overview on the suppliers

AND

Written declaration by senior management satisfying the assessment criteria.



Management

M1 - Sustainable Purchasing

Aim

To ensure an embedded long-term focus on and implementation of responsible sourcing.

Total points achievable for this credit		
Concrete: 0 points	Cement: 14 points	Aggregate: 0 points

M1.01 Purchasing Policy

Criterion Type
Company

Points achievable for this criterion
Concrete: **Cement:** 2 points **Aggregate:**

The company has a purchasing policy covering social and environmental aspects. The policy is valid & operational and has been approved by the management responsible for the scope of this assessment.

Required evidence
A copy of the purchasing policy, with reference to social and environmental aspects including evidence that senior management has formally approved the policy.

M1.02 Supplier assessment

Criterion Type
Company

Points achievable for this criterion
Concrete: **Cement:** 2 points **Aggregate:**

The company has a process of assessing its main suppliers regarding the social, and environmental aspects in the sense of this system (by online tool/on site audit or similar).

Required evidence
Documentation that the process has taken place (e.g. minutes, assessment results, used tools or similar).



M1.03 Monitoring performance of suppliers

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

The company can provide evidence that the performance of its suppliers regarding the social and environmental aspects of this system are being maintained or improving.

Required evidence

Documentation of the results of an assessment process (e.g. minutes, assessment results, used tools or similar).

M1.04 Training on responsible sourcing

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

The company applies learning by and development of its employees to cover the principles of responsible sourcing in introduction programs and in all relevant professional and functional training.

Required evidence

Evidence that the principles of responsible sourcing (e.g. content of criteria M1.01 to M1.03) are communicated to relevant employees.

M1.05 Promotion of responsible sourcing

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

The company promotes, where applicable, responsible sourcing in public communications, such as websites and (financial) reporting.

Required evidence

Evidence of promotion, for example, website links and copies of reports, publications, etc.



M1.06 Responsible sourcing as a criterion in the procurement process

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

The company includes responsible sourcing as a criterion in its procurement process.

Required evidence

Evidence of practical implementation of the purchasing policy/plan

M1.07 Sample check

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

Random sample by the auditor, defined by the auditor, on the site(s) visited, to check if one current material available at the location matches with the material list in the administration and that the material can be traced back to its origin. In case of a multiple site assessment, the criteria is awarded for all plants in the scope of assessment.

Required evidence

Statement from the auditor/assessor that constituent check has been performed and that it matches with the constituent list.



M2 - Environmental Management

Aim

To promote the use of an environmental management system (EMS in the supply chain).

Total points achievable for this credit

Concrete: 0 points

Cement: 3 points

Aggregate: 0 points

M2.01 Environmental management system (EMS)

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 2 points

Aggregate:

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement		x	x	x
Aggregate				

The company has a documented EMS in place. The EMS shall include the relevant scope: the key processes for raw material extraction and primary material production and/or production of concrete.

Required evidence

Validation by the auditor that the company has a documented EMS.

M2.02 Certified environmental management system (EMS)

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 1 point

Aggregate:

The company has a certified EMS in place (see the annex).

Required evidence

Copy of the valid EMS certificate.



M3 - Quality Management

Aim

The company has a documented quality management system in place.

Total points achievable for this credit		
Concrete: 0 points	Cement: 5 points	Aggregate: 0 points

M3.01 Quality management system (QMS)

Criterion Type
Company

Points achievable for this criterion
Concrete: **Cement:** 3 points **Aggregate:**

The company has a documented quality management system in place.

Required evidence
Validation by the auditor that the company has a documented quality management system.

M3.02 Certified quality management system (QMS)

Criterion Type
Company

Points achievable for this criterion
Concrete: **Cement:** 2 points **Aggregate:**

A certified quality management system is in place (see the annex).

Required evidence
Copy of the valid QMS certificate.



M4 - Health & Safety Management

Aim

To promote the use of health and safety management systems.

Total points achievable for this credit

Concrete: 0 points

Cement: 3 points

Aggregate: 0 points

M4.01 Health and safety system

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 2 points

Aggregate:

The company has a health and safety management system in place.

Required evidence

Validation by the auditor that the company has a documented health and safety management system

M4.02 Certified health and safety management system

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 1 point

Aggregate:

The company has a certified health and safety management system in place (see the annex).

Required evidence

Copy of the valid Health & Safety certificate



M5 - Benchmarking

Aim

Publish actual performance data.

Total points achievable for this credit

Concrete: 0 points

Cement: 7 points

Aggregate: 0 points

M5.01 Publishing annual performance data (KPIs)

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 5 points

Aggregate:

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement			x	x
Aggregate				

The company publishes annual performance data (KPIs) on a regular basis by publishing a sustainability report or by joining an industry benchmark.

The performance data must be covering the relevant topics with a minimum of five of the listed topics:

- Clinker content;
- % of transport (raw material and or to client) within total emissions;
- Use of secondary materials;
- Use of fossil fuels;
- Production of renewable energy/ % of renewable energy;
- Use of potable water;
- Carbon dioxide emissions;
- Incidents/injuries/accidents;
- Employee health & well-being.

Required evidence

The latest sustainability report, not older than three years, or evidence of participation in a benchmark providing evidence that data is being published on an annual basis.



M5.02 Externally verified KPI's

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement			x	x
Aggregate				

The KPI's are externally verified.

Required evidence

Evidence of external verification

OR

Evidence that the company has been audited against the CSI Charter within the last five years.



Environmental

E1 - Life Cycle Impact

Aim

Provide transparency and encourage the use of products and materials with an improved life-cycle impact.

Total points achievable for this credit		
Concrete: 0 points	Cement: 6 points	Aggregate: 0 points

E1.01 Sectoral environmental product declaration

Criterion Type
Company

Points achievable for this criterion
Concrete: **Cement:** 2 points **Aggregate:**

The company joins efforts to develop in the region of the assessed plant(s) sectoral environmental product declarations (EPD's) for their products, contributing to the collection of representative average LCA data. The EPD's are conforming to national EPD standards.

Required evidence

Evidence confirming that the company has contributed - by providing data - to the generation of at least one industry-wide concrete/Cement/Aggregate EPD in the country where the plant requesting certification is located. The EPD needs to be either valid or in the preparation phase. The requested evidence needs to be issued or confirmed by the party that is / was coordinating the generation of the industry-wide EPD.

OR

If the local sector association confirms that no EPD is available or in the preparation phase in the country where the plant requesting certification is located, E1.01 is achieved if E1.03 is fulfilled.



E1.02 Implementation of life cycle assessment (LCA)

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement		x	x	
Aggregate				

The company performs LCA's

Required evidence

Evidence is provided via the subscription and demonstrated use of the CSI tool

OR

Evidence is provided of the subscription or ownership and use of other LCA-tools (see the annex)

OR

E1.03 is fulfilled.

E1.03 Release of environmental product declarations (EPDs)

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

The company has released at least one EPD. The EPD follows international or national standards and is third party verified (see the annex).

Required evidence

Electronic copy of the EPD

OR

Publically available internet link to the EPD.



E2 - Land Use

Aim

To ensure land is used in a rightful way, that land-use conflicts are minimized, and that the land is reclaimed at the end of use in accordance with the planning consent or, if there are no requirements in the planning consent, reclaimed in a way that meets the approval of the local community.

Total points achievable for this credit		
Concrete: 0 points	Cement: 2 points	Aggregate: 0 points

E2.04 Protection from pollution

Criterion Type
Plant

Points achievable for this criterion
Concrete: **Cement:** 1 point **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement		x	x	x
Aggregate				

The plant has facilities where chemicals (including fuels) are stored in conditions where any spillage, including accidental, does not contaminate the land.

Required evidence
 Photographs of the storage facilities for chemicals and fuels
 OR
 The plant is ISO 14001 certified.
 OR
 The criterion is awarded by default if no chemicals and fuels are used and stored on the site.



E2.05 Reduced impact on neighbouring communities

Criterion Type

Plant

Points achievable for this criterion

Concrete:

Cement: 1 point

Aggregate:

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement		x	x	x
Aggregate				

If mining operations use blasting: demonstrable efforts are shown to reduce vibrations in nearby communities (e.g. use of ripping in most sensitive areas, use of pioneering blasting techniques to reduce vibrations beyond the site). If no blasting is done, this credit will be awarded by default.

Required evidence

Depending on the action taken, e.g.

- Photo of the equipment used (e.g. excavator)
- Measuring protocols, etc.

OR

Management confirmation that no blasting is done.



E3 - Energy & Climate

Aim

To promote the responsible use of energy and the reduction of Greenhouse Gas (GHG) emissions.

Total points achievable for this credit		
Concrete: 0 points	Cement: 9 points	Aggregate: 0 points

E3.01 Energy & climate policy

Criterion Type
Company

Points achievable for this criterion
Concrete: **Cement:** 4 points **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement			x	x
Aggregate				

The company is committed to measuring, reporting and reducing its GHG emissions.

Required evidence

Publically available policy / commitment to measuring, reporting and reducing the company’s greenhouse gas emissions.

OR

Membership to a sector organization (e.g. CSI) that is publicly committed to measuring, reporting and reducing GHG emissions, and were committing to these principles is required to join the organization.

AND

Evidence for the commitment to measure GHG emissions is automatically covered via a reporting commitment.



E3.08 Energy reduction potentials

Criterion Type

Plant

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

The plant has identified potential actions to reduce its energy consumption.

Required evidence

Energy audit report or own analysis of energy consumption and energy reduction potentials.

OR

ISO 50001 certificate

E3.10 Implementation of energy reduction potentials

Criterion Type

Plant

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

The plant has implemented at least one of the energy reduction potentials identified in E3.08

Required evidence

Proof of implementation including an evaluation of the (expected) energy savings.



E3.11 Energy saving awareness creation

Criterion Type

Plant

Points achievable for this criterion

Concrete:

Cement: 1 point

Aggregate:

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement		x	x	x
Aggregate				

Relevant workers have been made aware of

- the biggest drivers for energy (thermal/electricity) consumption
- and how they can contribute to reducing energy consumption.

Required evidence

Copy of relevant e-mail, notice or other information channel.



E4 - Air Quality

Aim

To minimize emissions of air pollutants and particulate matter from exhaust gases.

Total points achievable for this credit		
Concrete: 0 points	Cement: 4 points	Aggregate: 0 points

E4.09 Process and fugitive dust reduction measures		
Criterion Type		
Plant		
Points achievable for this criterion		
Concrete:	Cement: 4 points	Aggregate:
Dust suppression measures (see the annex) have been implemented to effectively reduce process and fugitive dust emissions.		
Points achievable for this criterion:		
<ul style="list-style-type: none"> • Concrete 	<ul style="list-style-type: none"> • Cement 	<ul style="list-style-type: none"> • Aggregates
up to 4:	up to 4:	up to 4:
<ul style="list-style-type: none"> • 2 for one measure • 4 as of two measures implemented 	<ul style="list-style-type: none"> • 2 for one measure • 4 as of two measures implemented 	<ul style="list-style-type: none"> • 2 for one measure • 4 as of two measures implemented
Required evidence		
Photographic evidence of one measure taken.		
Photographic evidence of second measure taken.		



E7 - Secondary Materials

Aim

- To reduce the consumption of primary materials by avoiding waste or using secondary materials (including recycled materials) where available and technically, ecologically, and economically reasonable.
- To contribute to a circular economy.

Total points achievable for this credit

Concrete: 0 points

Cement: 9 points

Aggregate: 0 points

E7.01 Assessment of the availability of secondary materials

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 2 points

Aggregate:

Cement: A documented assessment on the availability of secondary raw materials for clinker and cement production, covering the country or region where the plant requesting certification is located, is done at least every three years.

Concrete: A documented assessment on the availability of secondary raw materials for concrete production, covering the country or region where the plant requesting certification is located, is done at least every three years.

Required evidence

Evidence that an assessment was performed during the past 3 years.

E7.02 Policy on usage of secondary materials

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 2 points

Aggregate:

A policy is available that favors the increasing use of secondary materials where this is ecologically reasonable and technically and economically possible.

Required evidence

Copy of the policy



E7.03 Reporting of the use of secondary materials

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

The use of secondary materials is regularly monitored and reported at least on an annual basis.

Required evidence

Copy of the last report which summarizes the use of secondary materials. Upon certification, the report is not older than one year.

E7.05 Optimized use of secondary materials

Criterion Type

Plant

Points achievable for this criterion

Concrete: **Cement:** 3 points **Aggregate:**

The plant has increased the use of secondary materials (specific per unit of product) in line with the assessment according to E7.01.

OR

Concrete:

The criterion can also be fulfilled if measures (no older than 3 years) were implemented to reduce the amount (= percentage) of returned concrete.

OR

Concrete:

An increased use of manufactured sand and aggregates as replacement for natural material over the past 3 years is an eligible alternative to gain 1 Point.

Required evidence

Evidence of the optimized use of secondary materials.

OR

Concrete (3 Points):

Evidence showing the measures (no older than 3 years) implemented to reduce the amount of returned concrete.

And

Amount (= percentage) of returned concrete prior and after implementing such measures.



E8 - Transport

Aim

To minimize environmental impact of transportation.

Total points achievable for this credit

Concrete: 0 points

Cement: 5 points

Aggregate: 0 points

E8.01 Transport policy

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 2 points

Aggregate:

The organizations has a policy that addresses the environmental impacts of the transport of materials and products to customers.

Required evidence

A copy of the policy.

E8.02 Transport management system

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 2 points

Aggregate:

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement		x	x	x
Aggregate				

The plant has a dispatching system in place that contains e.g. operations related transportation data in terms of modes of transportation and distances covered. Distances travelled by contractors directly related to the organization's operations and directly contracted by the organization are also covered.

Required evidence

Extract of the transportation management system (or logistical disposition system) showing that it contains the required items.



E8.03 Assessment of clean technologies and methods

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 1 point

Aggregate:

The organization performs regular assessments geared towards minimizing impacts, including, for example, centralized dispatching systems, information technology tools for optimizing routes (GPS), training of drivers, awareness training and (real time) fuel consumption monitoring. The assessment must be performed at least every three years.

Required evidence

Evidence that the assessments are performed according to the requirements.



Social

S1 - Local Community

Aim

To contribute to higher levels of well-being in the community in which the company operates.

Total points achievable for this credit

Concrete: 0 points

Cement: 14 points

Aggregate: 0 points

S1.01 Policy

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 4 points

Aggregate:

The company has a policy in place to engage with local community on a regular basis (at least once every three years if there are no major changes affecting the local community).

Required evidence

A copy of the policy.



S1.02 Social investment

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement		x	x	x
Aggregate				

The company has a written policy to invest resources in initiatives and programs aimed at improving the social aspects of community life through for example the following:

- taking into account the promotion of community development in planning social investment projects;
- avoiding actions that perpetuate a community's dependence on the company's philanthropic activities, ongoing presence or support;
- partnering with other organizations, including government, business or non-governmental organizations (NGOs) to maximize synergies and make use of complementary resources, knowledge and skills;
- contributing to programs that provide access to food and other essential products for vulnerable or discriminated groups and persons with low income;
- taking into account land devaluation and displacement;
- improving the local infrastructure

Required evidence

A copy of the policy



S1.03 Communication & information

Criterion Type

Plant

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

The plant actively communicates with and informs local community on all aspects that have or could significant impact on them, such as increase/decrease of economic activities (extension/reduction of the plant), pollution (land, air, water, noise) and traffic.

Required evidence

Evidence of active communication and information, such as site visits for the local community and local authorities, meetings, information sessions, flyers, folders and other forms of communication that actively seek to reach the local community.

S1.04 Noise management plan

Criterion Type

Plant

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

- A noise and/or vibration management plan is in place.
- Stakeholders representing the local community have been consulted when establishing the plan, unless no residential areas are affected.

Required evidence

Copy of the noise management plan

OR

equivalent evidence such as e.g. national law or a building/operational permit with a reference to noise limits and/or noise management

Evidence of the stakeholder consultation

OR

equivalent evidence such as e.g. building/operational permit in case a dialogue is part of the requirements and if noise protection is covered by national law

OR

evidence that no residential areas are affected by noise from the plant (e.g. zoning plan or other suitable maps)



S1.05 Implementation of the noise pollution, vibration and/or management plan

Criterion Type

Plant

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

The strategies of the noise pollution, vibration and/or management plan have been implemented.

Required evidence

Evidence that measures taken, such as photos

S1.06 Safety around site for the local community

Criterion Type

Plant

Points achievable for this criterion

Concrete: **Cement:** 3 points **Aggregate:**

The plant has taken active safety measures such that risks of injuries to passerby are minimized, such as:

- proper fences around the site;
- signs to warn of any risks (e.g. swimming, fishing, high voltage)
- site visits for the local community explaining safety hazards

Required evidence

Evidence (photographs) of the measures taken; for a site visit, evidence that attention to safety hazards is part of the visit



S1.07 Transport to and from the site

Criterion Type

Plant

Points achievable for this criterion

Concrete:

Cement: 1 point

Aggregate:

Measures are taken to minimize the risk of accidents in the local community related to site transportation, such as:

- clear routing for trucks to the site(s)
- measures that reduce the risk of accidents (e.g. fences around play areas, accident prevention on trucks)

Required evidence

Evidence (photographs) of the measures taken



S2 - Health Product Information

Aim

To protect human health and well-being of clients and users of the product.

Total points achievable for this credit

Concrete: 0 points

Cement: 3 points

Aggregate: 0 points

S2.01 Public availability of information about product risks and safety

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 3 points

Aggregate:

Current ingredient disclosures conform to criteria established by a third party along the lines of accepted regulations or frameworks (see the annex). Information are publicly available and address measurements on minimizing the risks associated with using the product.

Required evidence

Link or an exemplary copy of current, publically available disclosures such as safety data sheets.



S3 - Occupational Health & Safety

Aim

- to ensure the inclusion of workers into occupational safety and health (OSH) matters
- to protect the physical, mental and social well-being of workers
- to prevent harm to health caused by working conditions

Total points achievable for this credit

Concrete: 0 points	Cement: 19 points	Aggregate: 0 points
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S3.01 Risk analysis

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement		x	x	x
Aggregate				

The company analyses and controls the health and safety risks involved in its activities at least on an a bi-annual basis.

Required evidence

Evidence of the analysis - not older than two years at the moment of certification. The credit is obtained at company level, but evidence should indicate that the analysis is performed at every single plant, e.g. by providing exemplary documents covering plants within the scope of certification.



S3.02 Risk analysis at least on an annual basis

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

The company analyses and controls the health and safety risks involved in its activities at least on an annual basis.

Required evidence

Evidence of the analysis - not older than one year at the moment of certification.

S3.03 Preventive actions

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

The company takes preventive actions based on the findings of S3.01 and S3.02.

Required evidence

Evidence that shows implementation actions, e.g. photographs of new equipments, educational documents, other documents providing evidence that measures have been taken



S3.04 Occupational health and safety policy

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 2 points

Aggregate:

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement		x	x	x
Aggregate				

The company has an OHS policy in place which for example refers to:

- the scope of the policy
- training for health and safety;
- toolbox instructions;
- health and safety related measures;
- registration of illness and safety incidents;
- responsibilities

Required evidence

Copy of the policy



S3.05 Availability of the OHS policy

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement			x	x
Aggregate				

The policy is shared with, and is available to every employee.

Required evidence

Evidence that the policy is available to all employees.

S3.06 Access to medical treatment

Criterion Type

Plant

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement		x	x	x
Aggregate				

The plant ensures quick access to medical treatment.

AND

If the plant has regularly more than five employees per shift on site, there should be at least one trained first aider in each shift.

Required evidence

Evidence about the availability of 1st aid or medical treatment within reasonable proximity.

Evidence that there is at least one trained first aider in each shift (e.g. shift plans, number of trained first aiders)

OR

Evidence that normally not more than five employees per shift are on site (e.g. shift plans).



S3.07 Access to clean drinking water

Criterion Type

Plant

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

Access to clean drinking water and sanitation for the workforce must be guaranteed.

Required evidence

Evidence about the access to clean drinking water and sanitation, e.g. signed WASH pledge or photographs of facility or water quality report of municipality.

S3.08 Training on health and safety

Criterion Type

Plant

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement			x	x
Aggregate				

The employees are regularly trained on health and safety issues related to their work. For example:

- by instructions
- meetings with employees addressing health and safety issues

Required evidence

e.g. minutes of trainings, scripts of educational trainings not older than one year at the moment of certification.



S3.09 Recording of incidents

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement		x	x	x
Aggregate				

The company records:

- near misses*;
- medical incidents*;
- lost time injuries*;
- fatalities*

(*) equivalent terminologies may apply

Required evidence

Record/statistics of incidents not older than one year at the moment of certification.

S3.10 Corrective actions based upon fatal incidents

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

The company analyses fatal incidents and implements corrective actions.

Required evidence

- Documentation of corrective actions taken after a fatal incident incl. internal communication
- In case no fatal incident has occurred, documentation of a reporting & implementation procedure



S3.11 No lost time injuries (LTI) during last three years

Criterion Type

Plant

Points achievable for this criterion

Concrete: **Cement:** 2 points **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement				x
Aggregate				

The plant has had no LTI during the last three years at the moment of certification.

Required evidence

Evidence in the record/statistics that no LTI incidents have occurred at the plant during the last three years at the moment of certification.

S3.12 No fatality during last three years

Criterion Type

Plant

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement				x
Aggregate				

The plant has had no fatality during the last three years at the moment of certification.

Required evidence

Evidence in the record/statistics that no fatal incidents have occurred at the plant during the last three years at the moment of certification.



S4 - Labor Practices

Aim

To ensure the fair and equitable treatment of workers.

Total points achievable for this credit		
Concrete: 0 points	Cement: 8 points (+1EP)	Aggregate: 0 points

S4.01 Policy on social protection

Criterion Type
Company

Points achievable for this criterion
Concrete: **Cement:** 1 point **Aggregate:**

Where changes in operations would have major employment impacts, the company has a written commitment to provide reasonable notice to the appropriate authorities and representatives of the workers so that the implications may be examined jointly to mitigate any adverse impact to the greatest possible extent.

Required evidence
 Copy of a formal document containing this commitment
 OR
 local law in case this fulfills the requirement.



S4.02 Personal record for all employees

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

Every employee has a personal record dossier with proof of education and safety training relevant to the tasks the employees perform.

AND

All personal data and the privacy of the workers are protected against unauthorized access.

Required evidence

Evidence of the existence of personal records for all employees, for example a picture of the cover of the records of different people with different functions, or a letter signed by the person responsible for human resources that explains that records are kept for all employees.

OR

Relevant local laws.

Explanation, where possible supported by photographic evidence (e.g. a locked room, filing cabinet or password protected program), of how personal data is protected.

OR

Relevant local laws.

S4.03 Access to personal record for all employees

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

All employees are granted access to their personal record upon first request.

Required evidence

Copy of a formal document containing this right to access.

OR

Relevant local laws



S4.04 Personal evaluation

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

An appraisal procedure is in place which foresees regular evaluation meetings with the employee; the results of the meeting being signed off by the employee.

Required evidence

Representative sample of cover sheets of current evaluation reports for different employees with different functions

AND

A copy of the appraisal procedure.

S4.05 Availability of job profiles

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

A profile has been made for every job

Required evidence

A copy of a number of representative function profiles.

S4.06 Training in the workplace

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

All workers at all stages of their work experience are provided with access to skills development, training and apprenticeships, and opportunities for career advancement.

Required evidence

Evidence of access to skills development



S4.07 Preventive medical examination

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

Regular preventive medical examination is offered to all employees at no cost at least every three years as recommended in the CSI health management handbook.

Required evidence

Evidence of preventive medical examination no older than three years.

S4.08 Work-life balance

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement				x
Aggregate				

Conditions of work permit work-life balance in terms of reasonable working hours (overtime is voluntary and infrequent), parental leave and child care, and other services.

Required evidence

Evidence that choices in work-life balance are possible, such as evidence of facilities, voluntary contractual agreements

OR

Evidence (e.g. exemplary time sheets), that working hours comply with contract or locals laws

S4.09 (EP) External control of social standards and compliance with human rights

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 1 point

Aggregate:

Exemplary Performance criteria:

There is a reasonable level of external control of social standards and compliance with human rights via a dedicated external adequacy audit.

Required evidence

Adequacy investigation comprising the following elements of human rights management:

1. Culture (includes "tone from the top")
2. Objectives
3. Risks (includes risk assessments, reporting, KPIs)
4. Programme (includes policy, whistleblowing, case management, sanctions)
5. Organisation
6. Communication (includes communication concept and trainings)
7. Controls (includes audits)



Economics

B1 - Local Economy

Aim

To promote the adoption of practices for the economic benefits of the local community.

Total points achievable for this credit		
Concrete: 0 points	Cement: 4 points	Aggregate: 0 points

B1.01 Local Economy

Criterion Type
Plant

Points achievable for this criterion
Concrete: **Cement:** 4 points **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement		x	x	x
Aggregate				

The plant serves the needs of- and supports the local economy.

Required evidence
 Evidence where the local economy is supported, e.g. by local hire, local training, suppliers, involvement of local businesses etc., taking into account the legal boundaries.



B2 - Ethical Business

Aim

To operate the business in a fair and ethical manner.

Total points achievable for this credit		
Concrete: 0 points	Cement: 9 points	Aggregate: 0 points

B2.01 Ethical risk assessment

Criterion Type
Company

Points achievable for this criterion
Concrete: **Cement:** 3 points **Aggregate:**

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				
Cement		x	x	x
Aggregate				

The company conducts and documents risk assessments of its operations focused on the avoidance of bribery and corruption, fair marketing, and respect of property rights, with maximum intervals of three years.

Required evidence
 Evidence that a risk assessment has been performed less than 3 years before; this can be a confirmation that the auditor has seen the assessment or a copy of the assessment.



B2.02 Policy or code for ethical business

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 3 points **Aggregate:**

The company has a policy (or a number of policies) or code of business ethics (or a number of codes) in place. The policy (policies, code/codes) includes procedures that cover anti-corruption, fair competition and marketing, respect for property rights, responsible political involvement and confidential investigation.

Required evidence

A copy of the code, proving that suppliers are within the scope.

B2.03 Confidential investigation

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

The organization has a mechanism for confidential investigation, resolution and reporting of suspected cases of bribery and/or corruption in place.

Required evidence

Evidence that a mechanism for confidential investigation (on company level) is in place. E.g.:

- a company hotline
- a publicly available telephone number to submit a complaint

B2.04 Responsible political involvement

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

The company has trainings in place to secure the ethical business behaviour of its relevant employees.

Required evidence

Evidence of the training procedure, program, exemplary certificates or similar.



B2.05 Respect for property rights

Criterion Type

Company

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

The company recognizes property rights, both physical and intellectual.

Required evidence

A policy or statement addressing respecting property rights.



B3 - Innovation

Aim

To stimulate

- the development and implementation of new solutions that contribute to the sustainability of the operations, its products, its suppliers or other parts of the value chain,
- execution of best practices in the field of sustainability that are not covered by this certification systems, and
- exemplary performance under any criterion in this system.

Total points achievable for this credit

Concrete: 0 points

Cement: 9 points

Aggregate: 0 points

B3.01 Innovative solutions and/or exemplary performance

Criterion Type

Company

Points achievable for this criterion

Concrete:

Cement: 9 points

Aggregate:

The company develops, tests and/or implements innovative practices/products or demonstrates exemplary performance in the field of responsible sourcing in the sense of this CSC system and beyond.

Required evidence

The approval letter of the Innovation Committee, including the number of points to be awarded for the innovation or exemplary performance.

The formal process of applying for the Innovation Credit is described in the Innovation Credit Guidelines (see the annex).



B4 - Feedback Procedure

Aim

To establish a channel that allows the local community, employees and customers to provide feedback to the company.

Total points achievable for this credit

Concrete: 0 points

Cement: 3 points

Aggregate: 0 points

B4.01 Feedback and complaints procedure for the local community

Criterion Type

Plant

Points achievable for this criterion

Concrete:

Cement: 1 point

Aggregate:

A feedback and complaint procedure and complaint facility is in place for the local community.

Required evidence

Link on website

OR

phone number

OR

Email address

OR

contact details of a responsible person to handle the complaints.

The contact can also be on company level, as long as it covers local complaints/grievance.



B4.02 Feedback and complaints procedure for employees

Criterion Type

Plant

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

A feedback and complaint procedure and complaint facility is in place for employees.

Required evidence

Link on website

OR

phone number

OR

Email address

OR

contact details of a responsible person to handle the complaints. The contact can also be on company level, as long as it covers local complaints/grievance.

B4.03 Feedback and complaints procedure for customers

Criterion Type

Plant

Points achievable for this criterion

Concrete: **Cement:** 1 point **Aggregate:**

A feedback and complaint procedure and complaint facility is in place for customers.

Required evidence

Link on website

OR

phone number

OR

Email address

OR

contact details of a responsible person to handle the complaints. The contact can also be on company level, as long as it covers local complaints/grievance.



Chain of Custody

C3 - Clinker

Aim

To stimulate the use of sustainable and responsible sourced cement.

Total points achievable for this credit		
Concrete: 0 points	Cement: 100 points	Aggregate: 0 points

C3.01 Weighted average of clinker suppliers percentages

Criterion Type
Plant

Points achievable for this criterion
Concrete: **Cement:** 100 points **Aggregate:**

The weighted average percentage of the clinker supplied to the grinding plant undergoing certification. This percentage is calculated by the CSC supply chain calculation tool. The clinker score is taken from the credit "Environment" of the CSC certified clinker supplier(s).

For calculating the percentage of clinker supplied from different suppliers, data from the last calendar year must be used. If this data is not available, data of the previous year must be used.

The contribution provided by criterion C3.01 is calculated from the weighted average achievement rate of the grinding plant's CSC-certified clinker suppliers in the environmental segment (E1 to E9)

Required evidence

The calculation-sheet with the weighted average percentage of the clinker supplier(s).
 AND
 A confirmation from the auditor that the percentage of supply is correct.
 As only CSC-certified clinker suppliers can contribute to the achievement of criterion "C3 clinker" the respective CSC-certificates must be provided as evidence.