

CO2-Module

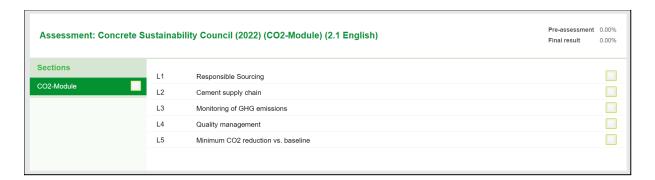
1) Concrete assessments will have the following option:



2) Select the Module Type "CO2-Module". A translated version might be available.



- 3) The original certification body of the parent assessment is pre-selected. There is the
 - possibility of a change by clicking access to the parent assessment and vice versa.
- 4) Go through the criteria, upload your evidence as usual.



5) Register the assessment. In the background, this assessment is linked to the 'parent' assessment from where you created the CO2-Module. So when registering, the registration number of the 'parent' assessment is used with '-CO2' appended to it. Registering a CO2-Module will use 0.5 registration rights. The CO2-Module cannot be registered before the parent assessment.

To register this assessment, first register the parent assessment.

Registration number 226-CSC19-2019-CO2 (registered Jan 5, 2022)

CSC Guidance Note 06-01 | 07.01.2022



- 6) After uploading all the evidence, filling out the explanation boxes of all criteria and ticking the respective "complies" check boxes, the auditor can start the assessment as usual.
- 7) The auditor validates the evidence, creates the auditor report, submits the assessment, and creates the certificate.

Additional information

L5 - Minimum CO2 reduction vs. baseline

For each CO2 reduction level (1-4), the CSC CO2-Module offers separate criteria (L5.01, L5.02, L5.03, L5.04) to correctly issue the different certificates, i.e. 1 star, 2 stars, 3 stars, and 4 stars, respectively. The points used in the system are - same as with the R-module - no real points, but simply needed to show the CO2 performance differences of the clients' concrete recipes.

Issuing certificates

Issuing certificates is only possible if the parent assessment has been certified.

The expiration date of the CO2-Certificate is the same as the parent certificate, even if the CO2-certificate has been obtained at a later point in time.

The number of CSC CO2-Module stars granted to a concrete plant corresponds to the highest reduction level as proven by a distinctive mix design. A certificate is also automatically generated for each of the lower CO2 reduction classes. The concrete supplier is responsible for applying the corresponding labels (1 star, 2 stars, 3 stars, 4 stars) correctly.

Example: During the initial certification, a low-CO2 concrete is proven to comply with a CO2 reduction of at least -40% when compared to the value of the reference mix design. After verification by the CSC auditor, the certificate for CO2 Class Level 2 is issued accordingly. In addition, the concrete plant also receives the certificate for CO2 Class Level 1. The concrete plant is then entitled to use this additional Level 1 certificate for all concrete mixes with CO2 emission reductions of at least 30% vs. the baseline value.

In this example the client has to check the "complies box" for L5.02 AND L5.01 (Fig.1)



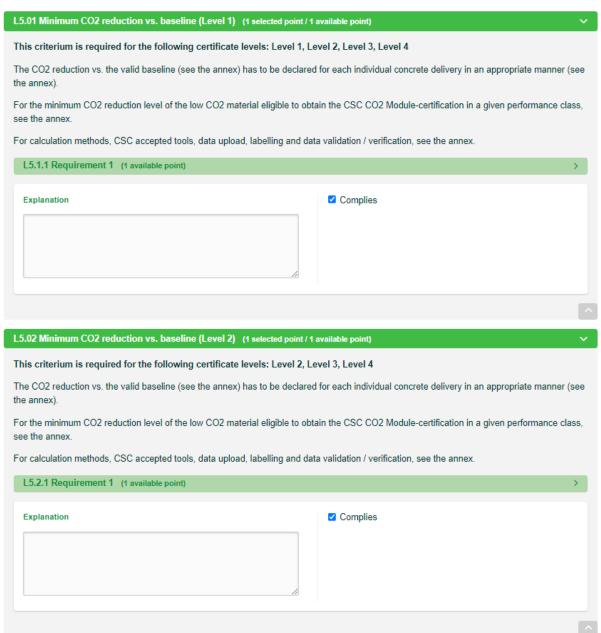


Figure 1: Complying with L5.02 AND L5.01

OR

Automatically achieved if evidence for Level 2 (L5.02), 3 (L5.03) or 4 (L5.04) is provided.

Figure 2: Alternative evidence for L5.01, Screenshot Toolbox



Example Certificates



Figure 3: Page 1, Certificate 1 = 2 Stars (L5.02)

has been assessed according to:

(CO2-Module) 2.1 English

Concrete Sustainability Council (2022)





Figure 4: Page 2, Certificate 2, 1 Star (L5.01)

has been assessed according to:

(CO2-Module) 2.1 English

Concrete Sustainability Council (2022)