

Chain of custody in the precast system

Background:

To score in C1 and C2 in the precast system with external supply, it is mandatory to submit the certificate from the ready-mixed concrete producer. The second page of this certificate displays the scores for C1 and C2.

In some cases, the ready-mix concrete producer is not CSC-certified, but its cement and/or aggregate suppliers are. This guidance note supports you in these rare cases and shows you how you can score in the "Chain of custody" category and what additional evidences are required.

Guidance Note (Cement as an example):

For calculating the cement score, data from the last calendar year must be used. If this data is not available, data of the previous year must be used.

Calculate the "Cement Score" based on the mass supplied using this formula:

Cement Score =

Cement Score_Supplier 1*percentage of the amount supplied +
Cement Score_Supplier 2*percentage of the amount supplied +
Cement Score_Supplier n*percentage of the amount supplied

Example:

Supplier 1, Score: 85.25, supplied 25% of the cement
Supplier 2, Score: 70.50, supplied 65% of the cement
Supplier 3, Score: Not certified, supplied 10% of the cement

$85.25 * 25.00\% + 70.50 * 65.00\% + 0.00 * 10.00\% = 67.14$

> C1. Cement

✓ 16.79 / 25 %

Save

Add or View Evidence



Goal of the credit:

To stimulate the use of sustainable and responsible sourced cement.

C1.01 Weighted average of cement suppliers percentages (67.14 selected points / 100 available points)

The weighted average percentage of the cement supplied to the ready-mixed concrete plant that is supplying the precast plant undergoing certification. This percentage is derived from the second page of the certificate of your ready-mixed concrete producer (C1 Cement ##.##).

For calculating the percentage of cement 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.

C1.01.01 Requirement 1 (100 available points)

Explanation

Supplier 1, Score: 85.25, supplied 25% of the cement
Supplier 2, Score: 70.50, supplied 65% of the cement
Supplier 3, Score: Not certified, supplied 10% of the cement

$$85.25 * 25.00\% + 70.50 * 65.00\% + 0.00 * 10.00\% = 67.14$$

67.14 score cement

In the event that the ready-mix concrete producer is not CSC-certified and this solution is chosen, the following additional evidences must be provided and uploaded in the CSC Toolbox:

1. Ready-mixed concrete producer must provide evidence for all applicable prerequisites (P1, P2, P5)
2. Incoming delivery slip(s) for cement and aggregate from the ready-mixed concrete plant
3. Delivery slips from the precast concrete plant
4. Contract of the precast concrete plant ensuring the delivery of defined formula with specified cement and aggregate suppliers
5. Percentage distribution based on specific cement and aggregate suppliers through reports of concrete production data by the supplier.