

Calculate the score of C6.01 and C7.01

C6 - Steel Reinforcement

With the introduction of CSC Version 3.0, steel reinforcement is taken into account for precast concrete manufacturers in the criterion C6.01 “Weighted average of steel reinforcement made from responsibly sourced steel”. The aim is to stimulate the use of steel reinforcement in precast concrete production made from certified responsibly sourced steel.

The score in the criterion C6.01 is the weighted average percentage of steel reinforcement made from certified responsibly sourced steel supplied to the precast concrete plant undergoing certification. For calculating the percentage of steel reinforcement supplied from different suppliers, data from the last calendar year must be used.

The CSC has not developed a dedicated responsible sourcing system for steel production (used for rebars), but recognizes - at different appreciation levels - certificates of dedicated responsible sourcing systems for steel (see the Annex).

C7 - Slag supply to CSC Slag Grinder

Slag grinding stations: Granulated Ground Blastfurnace Slag (GGBS) production for further use in cement and concrete can be performed in dedicated stand-alone mills (e.g. ball mills, vertical roller mills), so called “slag grinding plants”. Slag grinding plants are not equipped with an own blast furnace used for pig-iron production and providing slag as a by-product. The slag supply consequently depends on externally produced Granulated Blastfurnace Slag (GBS). Most of the environmental impact of GGBS produced in slag grinding plants is related to pig iron production (e.g. quarrying of the raw materials, emissions of the furnace) and it is consequently necessary for slag grinding plants undergoing CSC certification to prove that the GBS they use is produced in a responsible manner.

The score in the criterion C7.01 is the weighted average percentage of responsibly sourced slag supplied to the Slag Grinder undergoing certification. For calculating the percentage of slag 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 CSC has not developed a dedicated responsible sourcing system for steel production (covering the scope of slag), but recognizes - at different appreciation levels - certificates of dedicated responsible sourcing systems for steel. For recognised (steel furnace) slag certification labels see the Annex.

For both cases: To determine the correct score, use the supplementary C6.01 and C7.01 calculator (Excel).

Instruction:

1. Enter the name of your company, the date and the registered assessment number.
2. Enter the names of your slag suppliers
3. Enter the respective mass in %
4. Select via drop down the recognized standard or if the slag supplier is not certified (see the annex)
5. The score will be calculated automatically.
6. Enter the score in the field provided in criterion C7.01.
7. Create a PDF from Excel and include it as evidence.



8. For comparison with the toolbox, the total weighted average score C7.01 is also indicated in the Excel

Note: Fill in only the fields with a white background

CSC C7.01 Supply chain report					
1					
Company:					
Date:					
Registration Number:					
2 3 4					
No.	Supplier	% (mass)	Slag certified according to	CSC appreciation level	Contribution to C7.01
1	A	20,00%	Not certified	0%	0,00%
2	B	80,00%	CARES	75%	60,00%
3	C	0,00%	Not certified	0%	0,00%
4	D	0,00%	Not certified	0%	0,00%
5	E	0,00%	Not certified	0%	0,00%
				Score C7.01	60,00%
Check		100,00%			
Red		Revise			
Green		Ok			
				Weight C7.01	45%
				Total Weighted average Score C7.01	27,00%
5					
8					

Fig. 1: Example calculation C7.01. 20% are not certified. 80% are CARES certified.



C7. Slag supply to CSC Slag Grinder

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Save

Add or View Evidence



Credit updated

Goal of the credit:
To stimulate the use of sustainable and responsible sourced slag.

C7.01 Weighted average of use of certified slag (60 selected points / 100 available points)

The weighted average percentage of the slag supplied to the Slag Grinder undergoing certification.
For calculating the percentage of slag 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.
For recognised (steel furnace) slag certification labels see the Annex.

C7.01.01 Requirement 1 (100 available points)

Explanation	Score
<input type="text"/>	60.00 score slag supply to csc slag grinder 6

Fig. 2: Extract from the CSC Toolbox with the above example.