

PRODUCTION FACILITY & OUTPUT AUDIT STATEMENT

350Solutions, Inc. has verified CO₂ removal capability and eligibility for CO₂ Removal Credits (CORCs) under the Puro.Earth Puro Standard General Rules v 3.0 and Carbonated Building Material Methodology Edition 2022 v1.0 for the following company:

Technology & Company Information		
CO ₂ Removal Supplier & Facility Operator	Production Facility Location(s)	CO ₂ Removal Method
O.C.O Technology Limited	Avonmouth: Unit 1 Severn View Industrial Estate, Central Avenue, Avonmouth, UK BS10 7SD Brandon: High Street Brandon, Suffolk UK IP27 OAX Leeds: Hub 45 37 Knowsthorpe Gate Leeds, UK LS9 ONP	Carbonated Building Material

350Solutions affirms that the organization has the appropriate equipment, procedures, and protocols in place and documented to quantify CO₂ removal through the production of carbonated building materials (aggregate), via measurement of product output, determination of product CO₂ content, and appropriate lifecycle analysis in accordance with the requirements of the Puro.Earth General Rules and Carbonated Building Material Methodology. Eligibility criteria are verified as follows:

Eligibility Criteria		
Criteria	Verified Eligibility Status	Rationale
<i>Produces Carbonated Building Material</i>	Eligible	Product is carbonated aggregate material
<i>CO₂ utilized of Biogenic Origin</i>	Eligible	CO ₂ usage for crediting is of biogenic source and direct air capture via product curing with air
<i>Net Negative LCA</i>	Eligible	Documented via valid Environmental Product Declaration (EPD)
<i>Raw Materials are Sustainably Sourced</i>	Eligible	O.C.O. certified to BES6001
<i>Environmental & Social Safeguards</i>	Eligible	Facility properly permitted and maintains excellent safety & environmental records
<i>Additionality</i>	Eligible	Project not required by regulation. C finance supports financial viability and competitiveness with counterfactual (landfilling of APCR waste)
<i>Carbonated Aggregate Quantification</i>	Eligible	Carbonated aggregate production quantified and CO ₂ quantity calculated in accordance with EPD and Puro methodology requirements
<i>Production Facility Data</i>	Eligible	Production facility data matches Puro.Earth Registry
OVERALL ELIGIBILITY	ELIGIBLE	
<i>Eligible Period</i>	09/1/2021 to 09/30/2022	
<i>Total Verified CORCs</i>	18,755	

350Solutions has audited and verified eligible CO₂ removals for the facilities and period specified above. CO₂ removal credits have been calculated in accordance with the Puro.Earth Standard Rules and Carbonated Building Material Methodology. Additional details regarding the Production Facility and Output Audits can be found in the Production Facility & Output Audit Report – O.C.O Technology (Document ID 350VR-OC-PU2204).

Verifier Information		
Verification Body	Lead Verifier	Verification ID No.
350Solutions, Inc.	Tim Hansen, P.E.	VS-OC-PU2204

Signed: Tim Hansen (Lead Verifier)

DocuSigned by:

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Bill Chatterton (Peer Reviewer)

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Issue Date:
 February 24, 2023
Valid for 5 years
 from date of issue

PRODUCTION FACILITY & OUTPUT AUDIT STATEMENT: O.C.O Technology Limited Additional Information

TECHNOLOGY DESCRIPTION

The O.C.O Technology (O.C.O) process and technology uses carbon dioxide to treat various waste materials via Accelerated Carbonation Technology (ACT). O.C.O produces a lightweight carbonated aggregate for use in construction applications, such as in precast concrete block and ready-mix concrete. O.C.O currently operates from three sites in the UK treating air pollution control residue (APCr) and producing aggregate that meets EN13242 and EN 13055 requirements. The aggregate production process utilizes CO₂ from biogenic or other sources injected during the accelerated carbonation step, and also absorbs and reacts with significant amounts of CO₂ during curing and storage. CO₂ is permanently sequestered in the aggregate product in the form of carbonates. The process is summarized in Figure 1.

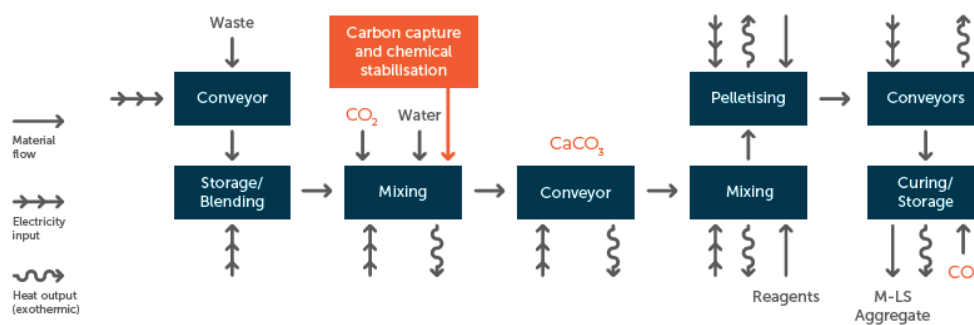


Figure 1. O.C.O Technology Carbonated Aggregate Process

VERIFICATION DESCRIPTION

Verification activities were conducted by 350Solutions to independently verify the production facility, operations, supporting data, and CORC claims. The verification was conducted following the specifications of Puro General Rules v 3.0 and the Annex B Carbonated Building Material Methodology 2022 v 1.0. The Production Facility Audit was completed via an in-person site visit to the Avonmouth, UK facility on December 20, 2022. Additional data was reviewed and verified remotely based on observation of on-site activities during the site visit.

DATA QUALITY & LEVEL OF ASSURANCE

350Solutions is an ANAB-accredited ISO/IEC 17020:2012 independent inspection body for ISO 14034:2016 Environmental Technology Verification. The 350Solutions Quality Management Plan and Quality Systems Procedures generally apply to activities associated with the Production Facility Audit and Output Audit performed in accordance with the Puro Standard. 350Solutions utilized a reasonable level of assurance in performance of the Production Facility & Outputs audits.

In broad terms, the data provided by O.C.O Technology Limited in accordance with the Puro Standard and methodology requirements was found to be acceptable for verification of initial CORC claims. Requirements and recommendations for improvement of data quality are provided in the Verification Report. All findings of the data quality review support verification of the performance claims and conform to the requirements of the standards.

Notice: Verifications and audits conducted by 350Solutions are based on an evaluation of technology performance and CO₂ removal claims via site visit observations and review of data submitted by the audited company. Audits are completed in accordance with rules and methodologies specified by client and utilizing the appropriate quality assurance procedures. 350Solutions makes no expressed or implied warranties as to the performance of the technology and does not certify that a technology will always operate at the levels verified, nor that it meets all state, local, or federal legal requirements.