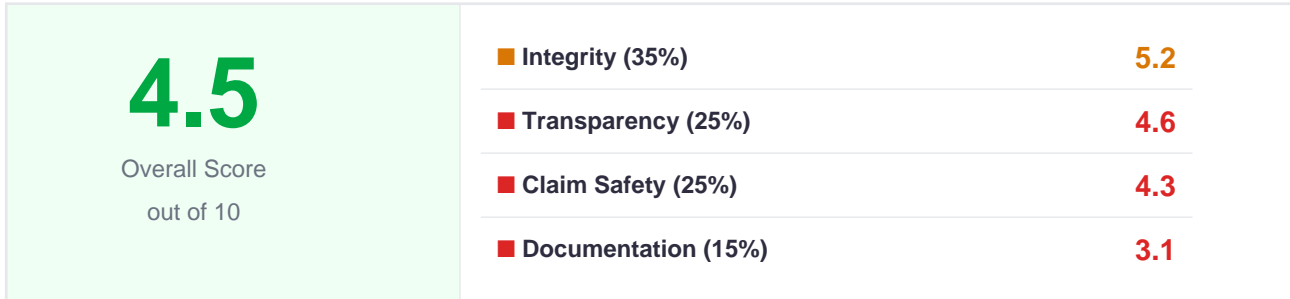


QUALITY REPORT

# Novocarbo Ruhr/Tyssenkrupp

PUR-798006 · Puro · Germany

Report ID: CM-A9ABD220 · Generated: 2026-04-02 · Scoring Methodology: General v2.0



Weights: Integrity 35% · Transparency 25% · Claim Safety 25% · Documentation 15%

## Assessment Summary

This Puro biochar removal project has VVB-confirmed additionality via an investment test, but several key quantifications needed to judge credit robustness are missing from the extracted record (notably verified removals and leakage deduction). The verification report lists multiple corrective actions tied to supply chain evidence and emissions calculations, which increases over-crediting and reliability risk. Low document readability/extraction confidence and a contradiction on the crediting period further reduce confidence in the claims.

## Project Details

|                     |                                      |
|---------------------|--------------------------------------|
| Registry            | Puro                                 |
| Registry ID         | PUR-798006                           |
| Sector              | biochar                              |
| Country             | Germany                              |
| Vintage             | 2022, 2023                           |
| Project Methodology | Puro.earth - Biochar Methodology 3.1 |
| Crediting Period    | 2023 — 2024                          |
| VVB                 | bio.inspecta AG                      |
| Monitoring Period   | 2023 — 2024                          |
| Confidence          | Medium                               |
| Documents Reviewed  | 7 documents reviewed                 |
| Scored              | 2026-04-02                           |

## Red Flags

- Corrective actions in the verification report request supply-chain linkage evidence, supply site/distance documentation, and correction of potential emissions calculation mistakes—issues that can directly affect credited removals.
- Leakage is described as quantified, but the actual leakage deduction percentage is not found in the extracted record.
- Contradictory crediting period dates across documents (2023–2024 vs a short 2022 period) create uncertainty about what period the credits cover.
- Low extraction confidence indicates at least one key document was poorly readable, weakening reliability of extracted figures.

## Score Breakdown

### Integrity — 5.2 / 10

- + The verification report confirms additionality using an investment test and was validated by bio.inspecta AG.
- The verification report lists multiple corrective actions related to supply chain evidence and emissions calculations, raising over-crediting risk.

The verification report (25 Sep 2024) confirms additionality via an investment test and indicates it was assessed by the VVB bio.inspecta AG. However, several integrity-critical quantitative items are not found in the extracted record, including any buffer/buffer pool contribution, leakage deduction percentage, and any verified total removals. Integrity is further weakened because the verification report includes corrective actions requesting supply-chain linkage evidence, supply distance documentation, and correction of potential emissions calculation errors—each of which can materially affect net credited removals.

### Transparency — 4.6 / 10

- + A specific monitoring period is stated (27 Jan 2023 to 31 May 2024) in the verification report.
- Verified removal totals and key quantifications (e.g., leakage deduction) are not found in the extracted record, limiting MRV transparency.

The verification report provides a defined monitoring period (27 Jan 2023 to 31 May 2024) and identifies the applied methodology as Puro.earth Biochar Methodology v3.1. Transparency is limited because the extracted record does not include total verified removals (or claimed removals), nor the quantified leakage deduction value despite stating leakage was quantified. Low extraction confidence also reduces confidence that all relevant MRV details were captured consistently from the source documents.

### Claim Safety — 4.3 / 10

- CORSIA eligibility and CCP status are not stated in the extracted record, increasing uncertainty for downstream claims.
- A contradiction on the crediting period and corrective actions on emissions calculations elevate greenwashing/over-crediting risk.

Claim safety is constrained by missing eligibility signals: neither CORSIA eligibility nor CCP status is stated in the extracted record, so buyers cannot easily position the credits against common integrity benchmarks. The verification report's corrective actions—especially the request to correct emissions to the end consumer if a calculation mistake occurred and the concern about choosing higher but less accurate carbon content data—indicate potential over-crediting pathways. The contradiction in the crediting period also increases the risk of misrepresentation of what timeframe the issued credits actually cover.

### Documentation — 3.1 / 10

- + A recent verification report is available (25 Sep 2024) and identifies the VVB (bio.inspecta AG).
- Minimum extraction confidence is low and the evidence document list is not clearly identified, reducing document completeness and reliability.

Documentation quality is mixed: there is a recent verification report (25 Sep 2024) and the VVB is named (bio.inspecta AG), and the extraction indicates seven documents were used. However, the minimum extraction confidence is low, implying at least one key document was poorly readable, and the evidence document list is not clearly identified (shown as "unknown"). The presence of multiple corrective actions in the verification report also suggests documentation gaps were identified during assurance.

## Risk Indicators

|                        |   |
|------------------------|---|
| ● <b>Additionality</b> | VVB-confirmed investment test                         |
| ● <b>Permanence</b>    | Reversal/buffer details not evidenced                 |
| ● <b>Leakage</b>       | Quantified but deduction value missing                |
| ● <b>Baseline</b>      | Project-specific baseline; reassessment not evidenced |
| ● <b>Safeguards</b>    | Safeguards mentioned; FPIC/grievance not evidenced    |
| ● <b>Double-claim</b>  | CORSIA/CCP status not stated                          |

## What Would Improve This Score

→ Publish/confirm the verified net removals for the monitoring period and the full calculation breakdown, including the explicit leakage deduction percentage and its inputs.

→ Resolve the crediting-period discrepancy by citing the authoritative registry entry and the specific document pages/sections defining the crediting period, and ensure all project documents are consistent.

→ Close out the verification corrective actions with documentary evidence (certificate holder–supplier linkage, supply sites and distances, and corrected end-consumer emissions calculations) and make the final dispositions publicly accessible.

## Documents Reviewed

- RuhrTyssenkrupp.pdf
- Tyssenkrupp.pdf
- Audit\_2024\_NovocarboRuhrThyssenkrupp\_report.pdf
- RuhrTyssenkrupp\_report.pdf
- Audit\_2024\_NovocarboRuhrThyssenkrupp\_statement.pdf
- RuhrTyssenkrupp\_statement.pdf

### Disclaimer

This Quality Report is an independent editorial assessment generated by CarbonMeld's automated analysis pipeline. It is based solely on publicly available registry documents and marketplace metadata at the time of analysis.

CarbonMeld does not have access to non-public project information, internal project documentation, or confidential communications with project developers. The analysis pipeline may not have retrieved all publicly available documents for this project.

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