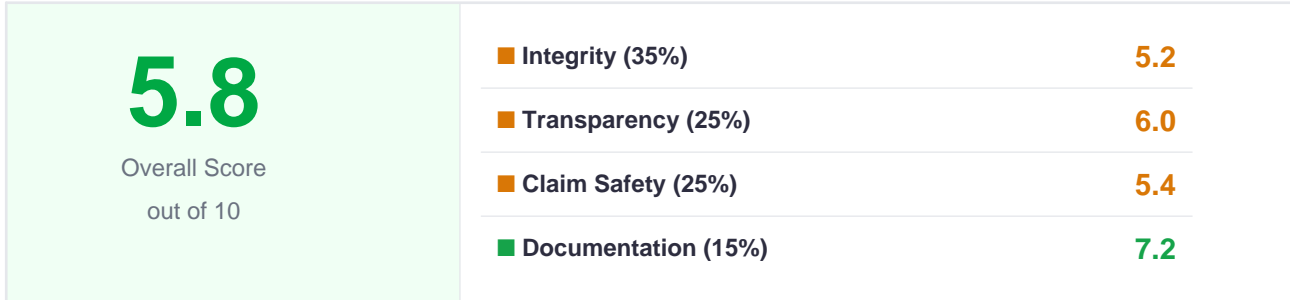


QUALITY REPORT

CECIC HKE Zhangbei Lvnaobao Wind Farm Project

VCS-727 · Verified Carbon Standard · China

Report ID: CM-BBBF9F73 · Generated: 2026-04-02 · Scoring Methodology: General v2.0



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

Assessment Summary

This is a VCS wind power project using ACM0002 with VVB-confirmed additionality and no reported material findings or corrective actions in the extracted record. However, multiple cross-document inconsistencies (notably in credited emissions, grid emission factor, and crediting period) and weak/variable leakage and safeguards reporting increase over-crediting and reliability risk.

Project Details

Registry	Verified Carbon Standard
Registry ID	VCS-727
Sector	renewable_energy
Country	China
Vintage	2020
Project Methodology	ACM0002 20.0
Crediting Period	2010 — 2030
VVB	CTI Certification Co., Ltd
Verified ERs	210,457 tCO2e
Monitoring Period	2022 — 2023
Confidence	High
Documents Reviewed	41 documents reviewed
Scored	2026-04-02

Red Flags

- Large inconsistencies in emissions reductions figures across documents (claimed and verified values vary widely by report/date).
- Grid emission factor differs materially between monitoring reports (0.8405 vs 1.05485), which can significantly change credited reductions.
- Crediting period is inconsistent across documents (2010–2030 vs 2010–2017), raising questions about eligibility and issuance boundaries.
- Leakage treatment is inconsistent: validation report indicates leakage was quantified, while the 2024 monitoring report does not address leakage but applies 0% deduction.

Score Breakdown

Integrity — 5.2 / 10

- + The validation/verification record indicates additionality was confirmed by the VVB using an investment test.
- Baseline and key quantification inputs show reliability issues due to contradictions in grid emission factor and emissions reductions across reports.

Additionality appears reasonably supported: the validation/verification record confirms additionality via an investment test and indicates it was confirmed by the VVB. Baseline setting is project-specific (ACM0002) and the extracted record does not show when the baseline was last reassessed, which weakens robustness over a long crediting period. Integrity is further reduced by material contradictions in quantification inputs (grid emission factor differs between monitoring reports) and by inconsistent treatment of leakage (quantified in the validation report but not addressed in the 2024 monitoring report while still applying a 0% deduction).

Transparency — 6.0 / 10

- + Core project identifiers and MRV basics are present (VVB named, methodology ACM0002 v20.0, monitoring period stated in the 2024 monitoring report).
- Conflicting figures across monitoring/validation documents reduce confidence that the public record is internally consistent (especially for ERs and grid EF).

The 2024 monitoring report provides a clear monitoring period (2022-01-01 to 2023-04-30), names the VVB (CTI Certification Co., Ltd), and states the applied methodology (ACM0002 v20.0). However, transparency is undermined by conflicting emissions reduction numbers across documents and dates, making it difficult for an external reviewer to reconcile what was claimed versus what was ultimately verified/issued. The extracted record also lacks some key contextual fields (e.g., grid EF year and baseline reassessment timing), limiting traceability of assumptions.

Claim Safety — 5.4 / 10

- + The project is explicitly not CORSIA-eligible in the extracted record, reducing aviation-claim channel risk.
- Over-crediting risk is elevated by contradictory ER totals and grid emission factors, plus inconsistent leakage justification.

The project is marked as not CORSIA-eligible, which lowers the risk of high-impact aviation-related claims. Nonetheless, claim safety is weakened by large discrepancies between emissions reductions figures across monitoring/validation documents and by a materially different grid emission factor reported in different periods, both of which can drive over-crediting risk. CCP status is not stated in the extracted record, so buyers cannot easily infer alignment with higher-integrity labels from the available data.

Documentation — 7.2 / 10

- + A relatively complete document set is referenced (PDD, monitoring report, validation report, issuance) with high extraction confidence and 30 documents used.
- Internal inconsistencies across official documents indicate documentation quality/control issues despite good coverage.

Documentation coverage appears strong: the extracted record references PDD, monitoring report(s), validation report, and issuance, with 30 documents used and high extraction confidence. No material findings or corrective actions are reported in the extracted record, which is a positive signal. Still, the presence of multiple contradictions across official documents suggests weaknesses in document control/versioning and reduces confidence in the reliability of the documentation set as a whole.

Risk Indicators

● Additionality	VVB-confirmed investment test
● Permanence	Avoidance project; no reversals reported
● Leakage	0% deduction with inconsistent justification
● Baseline	Project-specific baseline; reassessment timing unclear
● Safeguards	Safeguards reported but inconsistent over time
● Double-claim	Not CORSIA-eligible; CCP status not stated

What Would Improve This Score

→ Publish a reconciliation note (or updated verification statement) that clearly ties claimed, verified, and issued ERs for each monitoring period and explains any restatements.

→ Provide a clear, period-specific justification for leakage (even if 0%) consistent with ACM0002 requirements, and ensure the monitoring report aligns with the validation approach.

→ Clarify and document the applicable grid emission factor source/year for the monitoring period and explain changes from prior reports.

Documents Reviewed

- Issuance Representation
- Issuance Review Report
- Monitoring Report
- ERR Calculation Spreadsheet
- Communications Agreement
- Confidential
- Proof of Ownership
- Registration Representation
- Project Description
- Verification Report
- Verification Representation
- Validation Report
- Validation Representation

Disclaimer

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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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