QUALITY REPORT

Zhoubai Hydroelectric Project

VCS-45 · VCS · China

Report ID: CM-596EC775 · Generated: 2026-04-02 · Scoring Methodology: General v2.0

5.1 Overall Score out of 10	**Integrity (35%)**	**4.2**
	Transparency (25%)	**5.8**
	Claim Safety (25%)	**4.9**
	Documentation (15%)	**6.6**

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

Assessment Summary

This VCS hydropower project is supported by a monitoring report and validation documentation, with VVB-confirmed additionality and no reported material findings. However, key integrity elements are not evidenced in the extracted record, including the baseline approach and any leakage treatment, which increases over-crediting risk for an ACM0002 grid-connected renewable project.

Project Details

Registry	Verra (VCS)
Registry ID	VCS-45
Sector	renewable_energy
Country	China
Vintage	Stale
Project Methodology	ACM0002 06
Crediting Period	2006 — 2027
VVB	Shenzhen CTI International Certification Co., Ltd
Verified ERs	224,957 tCO2e
Monitoring Period	2012 — 2016
Confidence	Medium
Documents Reviewed	6 documents reviewed
Scored	2026-04-02

Red Flags

■ Baseline approach and timing of any baseline reassessment are not stated in the extracted record, despite being central to ACM0002 crediting integrity.

■ Leakage is marked as not addressed and no leakage deduction is provided, creating an evidence gap on a core accounting element.

Score Breakdown

Integrity — 4.2 / 10

+ The validation documentation indicates additionality was confirmed by the VVB.

- Baseline approach and leakage treatment are not evidenced in the extracted record (baseline method not stated; leakage not addressed).

The validation documentation indicates additionality was confirmed by the VVB (validation report). However, the extracted record does not state the additionality test type, the baseline method, or when the baseline was last reassessed, which are central to assessing ACM0002 baseline robustness. Leakage is flagged as not addressed and no leakage deduction is provided (monitoring report), creating a material integrity evidence gap even though no material findings or corrective actions are reported.

Transparency — 5.8 / 10

+ The monitoring report provides a clear monitoring period (2012-05-01 to 2016-08-24) and a verified ER figure of 224,957 tCO2e.

- Claimed ERs are not found in the extracted record, limiting the ability to reconcile claimed vs verified outcomes.

The monitoring report clearly specifies the monitoring period (2012-05-01 to 2016-08-24) and reports verified emission reductions of 224,957 tCO2e (monitoring report dated 2022-09-09). The VVB is identified as Shenzhen CTI International Certification Co., Ltd (project documentation). However, the claimed ER total is not found in the extracted record, limiting reconciliation between what was claimed and what was verified.

Claim Safety — 4.9 / 10

+ A specific grid emission factor is reported (0.7737), supporting replicability if underlying calculations are available.

- CORSIA eligibility and CCP status are not stated in available documents, and leakage/baseline evidence gaps elevate over-crediting and claims risk.

Over-crediting risk cannot be fully screened because the baseline method is not stated in the extracted record, even though the project uses ACM0002 version 06 (project documentation). Leakage is not addressed and no deduction is reported (monitoring report), which weakens confidence in conservative accounting. CORSIA eligibility and CCP status are not stated in available documents, increasing the risk of ambiguous downstream claims and buyer misrepresentation.

Documentation — 6.6 / 10

+ Multiple document types are present (monitoring report and validation report) with high extraction confidence.

- Several key fields are missing from the extracted record (e.g., baseline method, additionality test type, grievance mechanism, FPIC).

The extracted record includes at least a monitoring report and a validation report, and the minimum extraction confidence is high, supporting basic document reliability. The monitoring report is relatively recent (2022-09-09) and includes a defined monitoring period and verified ERs. Nonetheless, several important social and accounting elements are not evidenced in the extracted record (e.g., grievance mechanism, FPIC, baseline method), reducing completeness.

Risk Indicators

Additionality	VVB-confirmed additionality
Permanence	Avoidance project; no reversal risk evidenced
Leakage	Leakage not addressed
Baseline	Baseline method not evidenced
Safeguards	Safeguards mentioned but incomplete details
Double-claim	CORSIA/CCP status not stated

What Would Improve This Score

→ Disclose the baseline approach used under ACM0002 (including data sources, grid EF derivation year(s), and when the baseline was last reassessed) in the public documentation set.

→ Provide explicit leakage assessment and, if applicable, a quantified leakage deduction (or a justified negligible-leakage conclusion) consistent with the methodology and monitoring report.

Documents Reviewed

- Issuance Representation
- Monitoring Report
- Communications Agreement
- Verification Report
- Verification Representation

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