

QUALITY REPORT

Cambodia National Biodigester Programme

GS-1176 · Gold Standard · Cambodia

Report ID: CM-ADB4825F · Generated: 2026-04-10 · Scoring Methodology: General v2.0

4.9 Overall Score out of 10	■ Integrity (35%)	5.8
	■ Transparency (25%)	5.1
	■ Claim Safety (25%)	4.0
	■ Documentation (15%)	4.2

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

Assessment Summary

This is a certified Gold Standard biogas project with VVB-confirmed additionality and a recent verification report, but the evidence base has several reliability issues. The biggest concerns are unresolved leakage treatment, multiple corrective actions, and contradictions across documents on FPIC, grievance mechanisms, FNRB, leakage, and the credited period.

Project Details

Registry	Gold Standard
Registry ID	GS-1176
Sector	biogas
Country	Cambodia
Vintage	2023
Project Methodology	Technologies and Practices to Displace Decentralized Thermal Energy Consumption 3.1
Crediting Period	2019 — 2025
VVB	Bureau Veritas India Pvt. Ltd.
Verified ERs	62,820 tCO2e
Monitoring Period	2024 — 2024
Confidence	Medium
Documents Reviewed	29 documents reviewed
Scored	2026-04-10

Red Flags

- The verification report lists five corrective actions and one clarification, which suggests unresolved documentation or methodology issues.
- Leakage is shown as 0% in the verification report, but the justification is not addressed and another document indicates a different leakage treatment.
- There are contradictions on FPIC, grievance mechanism, FNRB, and credited period, which weakens confidence in the record.

Score Breakdown

Integrity — 5.8 / 10

- + Additionality was confirmed by the VVB in the verification report, which supports the project's core eligibility.
- Leakage justification is not addressed in the verification report, and the record also shows multiple corrective actions.

The verification report confirms additionality was checked by Bureau Veritas India Pvt. Ltd., which is a strong positive. However, the project uses a project baseline rather than a clearly standardized baseline, leakage is recorded at 0% with no addressed justification, and the report still lists five corrective actions. The absence of a stated buffer pool and the fact that reversal events are not addressed also weaken permanence confidence, even though this is an avoidance project.

Transparency — 5.1 / 10

- + The project has a named VVB, a defined monitoring period for 2024, and a recent verification report dated 2026-01-05.
- The extracted record shows low extraction confidence and several contradictions, including different values for credited period and leakage treatment.

Transparency is helped by the presence of a named VVB, a clear 2024 monitoring period, and a recent verification report dated 2026-01-05. Still, the extracted record has low extraction confidence, and the document set contains contradictions on credited period, leakage, FNRB, FPIC, and grievance mechanism. Those inconsistencies make the public record harder to rely on and reduce confidence in the reported figures.

Claim Safety — 4.0 / 10

- + The project is marked as not CORSIA-eligible, which reduces dual-claim risk.
- The baseline is project-specific rather than a clearly standardized or jurisdictionally reassessed baseline, and leakage treatment is weakly justified.

Claim safety is moderate because the project is explicitly marked as not CORSIA-eligible, which lowers dual-channel claim risk. On the other hand, the baseline is project-specific, leakage is not well justified, and the usage rate is only reported as verified at 45.945% without a clearly stated assumed rate in the extracted record. The FNRB value is high at 95.01 using a national default method, which is positive, but the contradictions around FNRB and leakage reduce confidence in the emissions claim.

Documentation — 4.2 / 10

- + The record includes multiple official document types, including validation, monitoring, PDD, stakeholder consultation, and verification materials.
- Extraction confidence is low, and the verification report still lists five corrective actions, indicating incomplete or problematic documentation.

The record draws on several official sources, including validation, monitoring, stakeholder consultation, PDD, and verification documents, which is a positive sign. However, the extraction confidence is low, and the verification report still requires multiple corrective actions and a clarification. The crediting period also conflicts with an older monitoring report, so the documentation is incomplete and not fully internally consistent.

Risk Indicators

● Additionality	VVB-confirmed additionality
● Permanence	No reversal treatment stated
● Leakage	0% deduction, weak justification
● Baseline	Project baseline, reassessment timing unclear
● Safeguards	FPIC and grievance mechanism documented
● Double-claim	Not CORSIA-eligible

What Would Improve This Score

→ Provide a clean, reconciled document pack that resolves the contradictions on FPIC, grievance mechanism, FNRB, leakage, and credited period.

→ Publish a clearer leakage assessment and a complete explanation of the corrective actions, including closure evidence for each item.

Documents Reviewed

- 08Aug23-GS751_NBP_CPIII-MPIV_V3.0(1).pdf
- 11Jan23_NBP_CPIII_MPIII_ER_spreadsheet v1.2.xlsx
- 26July24_GS751_NBP_CPIII-MPV_V2.0.docx
- 20231003_GS4GG Final VER Report_NBP Biogas 4th in CP3_clean(1).pdf
- (2)31Aug20 NBP MRI CPIII V1.5_clean.pdf
- 22July23_NBP_CPIII_MPIV_ER_Cal_V2.0.xlsx
- 26July24_GS751_NBP_CPIII_MPV_ER_Cal_V2.0.xlsx
- (2)31Aug20_NBP_CPIII_MPI_ER_spreadsheet v.1.1.xlsx
- 03june19 MPVII NBP V1.3_clean■■■ (2 Jul).pdf
- 22Dec25_GS751_NBP_CPIII-MPVI_V4.1(Clean).pdf
- 16Jul20 NBP MRI CPIII V1.4_clean.pdf
- GS4GG Local Stakeholder Consultation Report 22.02.2019_v1.3.pdf
- 22Dec25_GS751_NBP_CPIII_MPVI_ER_Cal_V4.1.xlsx
- 11Jan 23 GS751 NBP CPIII MPIII V1.3(1).docx
- 25OCT21 GS751 NBP CPIII MPII v1.4.docx
- GS751_22Dec25_CPIII_PDD_V2.3(Clean).pdf
- GS4GG PDD 22.02.2019_v2.1.pdf
- 06OCT21_GS751_CPIII_PDD_V2.2.docx
- Gold Standard Assurance Platform — GS-1176
- Gold Standard Registry — GS-1176
- 19-002 NBP CPII MR76 GS 751 FVerR 2019-06-28 (2 Jul).pdf
- Verification report GS 751 Cambodia_v3.pdf
- Verification Report - GS751 NBP 2025 (Revised 05012026) Clean.pdf
- GS Validation Report_01.02.2019_v2.pdf
- GS751_NBP Verification Report Approved.pdf
- Verification report GS 751 2022 Cambodia_v1.1(2).pdf
- Verification report Cambodia Biogas VER8 final.pdf
- (2)Verification report Cambodia Biogas VER8_20200904.pdf
- Verification report GS 751 Cambodia.pdf

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