

QUALITY REPORT

Kolar Biogas Project

GS-1141 · GS · India

Report ID: CM-8A02A17D · Generated: 2026-04-19 · Scoring Methodology: General v2.0

4.9

Overall Score
out of 10

■ Integrity (35%)	5.6
■ Transparency (25%)	5.1
■ Claim Safety (25%)	4.0
■ Documentation (15%)	4.4

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

Assessment Summary

This biogas project has some strengths: additionality was confirmed by the VVB, safeguards are documented, and leakage is described as quantified in the latest monitoring record. However, the record also shows several unresolved reliability issues, including contradictions on leakage treatment, usage monitoring, FNRB method, usage rate, and crediting period, which reduce confidence in the claims.

Project Details

Registry	Gold Standard
Registry ID	GS-1141
Sector	biogas
Country	India
Vintage	Aging
Project Methodology	AMS.I.C 18
Crediting Period	2017 — 2024
VVB	4K Earth Science Private Limited
Monitoring Period	2021 — 2022
Confidence	High
Documents Reviewed	21 documents reviewed
Scored	2026-04-19

Red Flags

- The monitoring record contains multiple contradictions with earlier documents on leakage, usage monitoring, FNRB method, usage rate, and crediting period.
- No verified emission reduction figure is available in the extracted record, and reversal handling is not addressed.

Score Breakdown

Integrity — 5.6 / 10

- + Additionality was confirmed by the VVB, and the project uses a combined additionality test under AMS.I.C.
- Reversal risk is not addressed, with no buffer pool percentage found and no reversal events detail provided.

The project has a positive integrity signal because the VVB confirmed additionality and the methodology is identified as AMS.I.C with a combined additionality test. Still, permanence is weakly evidenced: no buffer pool percentage is found and reversal events are marked as not addressed, so the permanence case is incomplete. Leakage is better supported in the latest monitoring report as quantified, but the record also shows an earlier statement that leakage was deemed negligible, which creates uncertainty about how leakage was actually treated.

Transparency — 5.1 / 10

- + The monitoring period is stated, the VVB is named, and the record includes claimed emission reductions and a verified usage rate from the monitoring report.
- The extracted record does not provide a verified emission reduction total, and the evidence list is effectively incomplete with only an unspecified source entry.

Transparency is moderate because the monitoring period is stated, the VVB is named as 4K Earth Science Private Limited, and the record includes both claimed reductions and a verified usage rate. However, the extracted record does not provide a verified emission reduction total, and the evidence list is not specific, showing only an unspecified source entry. The medium extraction confidence also limits how fully the documentation can be trusted.

Claim Safety — 4.0 / 10

- + Leakage is described as quantified in the latest monitoring report, which is better than an unqualified assumption of negligible leakage.
- The project relies on a project-specific baseline, and contradictions remain on leakage treatment, FNRB method, and usage rate, increasing over-crediting risk.

Claim safety is middling because the project uses a project baseline rather than a clearly reassessed standardized baseline, and the latest record does not provide a leakage deduction percentage. The contradictions on leakage justification, usage monitoring method, FNRB method, and usage rate suggest the underlying accounting inputs changed across documents, which raises over-crediting risk. CORSIA eligibility is not stated and CCP status is only noted as not mentioned, so dual-claim risk cannot be ruled out from the extracted record.

Documentation — 4.4 / 10

- + The record includes 19 extracted documents, a named VVB, and documented safeguards such as FPIC, grievance mechanism, and benefit sharing.
- Extraction confidence is only medium, the evidence docs list is not specific, and the crediting period changed across documents, indicating documentation inconsistency.

Documentation is fair but not strong: there are 19 extracted documents, the VVB is identified, and safeguards such as FPIC, grievance mechanism, and benefit sharing are explicitly mentioned. At the same time, extraction confidence is medium, the evidence document list is not specific, and the crediting period differs between documents. The presence of many closed corrective actions is helpful, but the volume of findings and the inconsistent dates reduce confidence in completeness.

Risk Indicators

● Additionality	VVB-confirmed additionality test
● Permanence	No buffer pool or reversal treatment stated
● Leakage	Leakage quantified but contradictory treatment
● Baseline	Project baseline with no reassessment date
● Safeguards	FPIC, grievance mechanism, and benefit sharing documented
● Double-claim	CORSIA and CCP status not stated

What Would Improve This Score

→ Provide a reconciled audit trail explaining the contradictions in leakage treatment, usage monitoring, FNRB method, usage rate, and crediting period, with the latest authoritative document clearly identified.

→ Disclose the verified emission reduction total, buffer pool or reversal treatment, and explicit CORSIA/CCP status in the registry or verification package.

Documents Reviewed

- Monitoring Report_3rd monitoring period_01.01.2015 to 31.12.2015_v1.1.pdf
- CDM4058_Kolar_MR7_V01.1_280222.pdf
- GS670_Kolar_MR8_V02.2_130923_.doc
- Monitoring Report_1st monitoring period_04.01.2012 to 31.12.2013_v2.pdf
- GS3906 3rd Monitoring Report v1.2_24May2022.docx
- GS VR 670 Clean.pdf
- C1.6- 150618_ER Spreadsheet Kolar Project version 06(1).xlsx
- Monitoring Report_2nd monitoring period_01.01.2014 to 31.12.2014_v2.1.pdf
- GS670_Project-Annual-Report-Form 2021_v1.pdf
- CDM4058_Kolar 8 ER Spreadsheet_V01.1_280222.xlsx
- GS Passport_12.03.2015_v4.pdf
- T-PreReview_V1.0-Transition-request-form-project GS670 v2.docx
- PDD_12.22.2006_v3.pdf
- Gold Standard Assurance Platform — GS-1141
- Gold Standard Registry — GS-1141
- Verification Report_5th monitoring period_01.01.2017 to 31.12.2017_v2.1.pdf
- Verification Report_3rd monitoring period_01.01.2015 to 31.12.2015_v4.pdf
- FVR_Kolar Biogas Project_Ver1.pdf
- Verification Report_1st monitoring period_04.01.2012 to 31.12.2013_v1.1.pdf
- Verification Report_2nd monitoring period_01.01.2014 to 31.12.2014_v2.1.pdf
- GS Verification report _Biogas project Uttarakhand India_PP_CleanMode.pdf

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