

QUALITY REPORT

ALTACA MERAM BIOGAS PLANT

GS-1035 · GS · Turkey

Report ID: CM-AB31B21A · Generated: 2026-04-24 · Scoring Methodology: General v2.0

4.3

Overall Score
out of 10

■ Integrity (35%)	4.8
■ Transparency (25%)	4.0
■ Claim Safety (25%)	4.5
■ Documentation (15%)	3.0

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

Assessment Summary

Project shows some procedural strengths (additionality confirmed by the VVB and a recent verification report) but important gaps remain: leakage and reversal treatment are not clearly addressed in the latest documentation, many quantitative MRV fields are missing, and extraction confidence is low. Overall quality is moderate–low and would benefit from clearer leakage, reversal and registry disclosures.

Project Details

Registry	Gold Standard
Registry ID	GS-1035
Sector	biogas
Country	Turkey
Vintage	Recent
Project Methodology	The Gold Standard Revised Consolidated Baseline Methodology for GHG Emission Reduction from Manure Management Systems and Municipal Solid Waste 1.0/6/
Crediting Period	2022 — 2027
VVB	Earthood Services Limited (formerly known as Earthood Services Private Limited)
Monitoring Period	2022 — 2024
Confidence	Medium
Documents Reviewed	16 documents reviewed
Scored	2026-04-24

Red Flags

- Latest verification record does not address reversals (reversal treatment unclear).
- Leakage justification not addressed in the most recent document; older documents claim negligible leakage.

Score Breakdown

Integrity — 4.8 / 10

+ Additionality confirmed by the VVB in the verification report (verification report, 2025-06-18).

- Reversal treatment not addressed in the latest verification report and buffer pool percentage not stated, increasing permanence risk.

The verification report (2025-06-18) confirms additionality using a combined test and the VVB signed off on additionality, which supports integrity. The project uses a project-specific baseline under the Gold Standard methodology and reports a grid emission factor of 0.5552. However, permanence is weakened because the latest verification does not address reversal events and no buffer pool percentage is stated in the extracted record. A large number of corrective action requests (65 CARs, 16 clarifications) were raised and closed per the verification report, which shows issues were found and addressed but also indicates earlier shortcomings in documentation and controls.

Transparency — 4.0 / 10

+ VVB named (Earthood Services Limited) and monitoring period provided (2022-07-01 — 2024-06-30).

- Key MRV values missing from extracted records (total emission reductions claimed/verified, leakage deduction percentage, FNRB), and evidence docs are listed as unknown; extraction confidence marked low.

Transparency is mixed: the VVB is named and monitoring period is provided, but core MRV numbers (total emission reductions claimed/verified, leakage deduction percentage, FNRB) are not found in the extracted record. Evidence documents are listed as unknown despite 14 documents being used, and the minimum extraction confidence is low, which reduces confidence in the completeness of the public record.

Claim Safety — 4.5 / 10

+ Project uses a stated Gold Standard consolidated methodology and reports a grid emission factor (0.5552), providing a clear baseline approach.

- Leakage justification and leakage deduction percentage are not addressed in the latest document; this raises over-crediting risk where leakage could be material.

There is some safety from use of an established Gold Standard methodology and a stated grid emission factor, reducing ambiguity about baseline calculation. Nonetheless, missing leakage treatment (no leakage deduction percentage, and leakage justification shown as not addressed in the latest document) increases the chance of over-crediting. CORSIA/CCP status is not stated, leaving double-claim risk uncertain.

Documentation — 3.0 / 10

+ A recent verification report exists (doc date 2025-06-18) and 14 documents were used in extraction.

- Min extraction confidence is low, evidence documents are labelled unknown, and many fields (buffer pool, FNRB, total ERR verified) are missing from the extracted record.

A recent verification report exists (2025-06-18) and corrective actions were closed, which is positive. However, many important fields are not present in the extracted record (buffer pool percentage, FNRB, claimed vs verified ERR), evidence docs are unspecified, and the extractor flagged low confidence. These factors justify a conservative documentation score.

Risk Indicators

● Additionality	VVB-confirmed
● Permanence	reversal unclear
● Leakage	not addressed
● Baseline	project-specific baseline
● Safeguards	FPIC & grievance present
● Double-claim	CORSIA/CCP status unknown

What Would Improve This Score

→ Publish clear leakage assessment and any leakage deduction percentage or justification in the monitoring/verification report.

→ Provide complete MRV figures publicly (total emission reductions claimed and verified, buffer pool percentage, FNRB) and attach evidence documents with higher extraction/readability confidence.

Documents Reviewed

- T-PerfCert_V2.0-Project-Annual-Report-Form_Altaca_Meram_Biogas_Plant_2022.pdf
- ER_Calculation_Sheet-MERAM_confidential.xlsx
- GS5920-T-PerfCert_v3.0-Project-Annual-Report_update.pdf
- GS5920-T-PerfCert_v3.0-Project-Annual-Report_2024.pdf
- Final_ER calculations_650 Meram biogas_v04_19-11-2022.xlsx
- GS-5920_Meram-MR_15042025_CLEAN.pdf
- IRR calculations_Meram Biogas Plant_29.08.2023_v5.xlsx
- T-V4 0-Deviation-Request-Form_meram biogas-11-2021_final.pdf
- 430_V1.3_IQ_SDG-Impact-tool_Meram Biogas.xlsx
- Final_SDG Impact Tool_650 Meram biogas_19-11-2022.xlsx
- Meram_biogas LSC_GTE_22112019.pdf
- Final_Val Report_650 Meram biogas_Sandeep Kanda_v06_08-01-2024_clean version.pdf
- Final_PDD_650 Meram biogas_v09_29.08.2023_track_change.docx
- Gold Standard Registry — GS-1035
- Gold Standard Assurance Platform — GS-1035
- GS.VER.24.19_Meram_FVR_v7.0-20250618_CLEAN_180625.pdf

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