

QUALITY REPORT

GS1247 VPA 134 Zoba Maekel Community Boreholes

GS-1108 · GS · Eritrea

Report ID: CM-B622422C · Generated: 2026-04-19 · Scoring Methodology: General v2.0

5.1 Overall Score out of 10	■ Integrity (35%)	5.6
	■ Transparency (25%)	4.8
	■ Claim Safety (25%)	5.1
	■ Documentation (15%)	4.2

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

Assessment Summary

The project has some positive integrity signals, including VVB-confirmed additionality, a recent baseline reassessment, and a quantified leakage deduction. However, several key items are weakly documented or internally inconsistent, especially around leakage treatment, reversal handling, and usage assumptions, which raises over-crediting risk. Documentation quality is also limited by low extraction confidence and multiple corrective actions from the verifier.

Project Details

Registry	Gold Standard
Registry ID	GS-1108
Sector	industrial
Country	Eritrea
Vintage	Recent
Project Methodology	TPDDTEC v4.0
Crediting Period	2025 — 2030
VVB	Earthood Services Limited (Formerly known as Earthood Services Private Limited)
Monitoring Period	2022 — 2024
Confidence	Medium
Documents Reviewed	45 documents reviewed
Scored	2026-04-19

Red Flags

- Leakage treatment is inconsistent across documents, with one record saying it was quantified and the latest extracted record saying it was not addressed.
- The verification report required follow-up on repair timing, maintenance transparency, and seasonality in the usage survey, indicating material MRV weaknesses.

Score Breakdown

Integrity — 5.6 / 10

- + Additionality was confirmed by the VVB, and the baseline was reassessed in 2024 under the project methodology.
- Leakage handling is disputed across documents, and the latest extracted record says it was not addressed despite a 5% deduction appearing elsewhere.

The project has a reasonably strong additionality signal because the verification report confirms additionality through a combined test and the VVB signed off on it. Baseline validity is helped by a 2024 reassessment, but the baseline remains project-specific rather than clearly standardized. Leakage is a concern because one extracted record shows a 5% deduction, while the contradiction log says a later document treated leakage as not addressed; I privileged the latest validation report for reliability, but the inconsistency lowers confidence. Reversal risk is also not well documented, with reversal events described as not addressed rather than clearly absent.

Transparency — 4.8 / 10

- + The monitoring period is stated, the verifier is named, and the report includes quantified usage and FNRB inputs.
- Total claimed and verified emission reductions are not found in the extracted record, and the extraction confidence is low.

The monitoring period, verifier identity, methodology version, and key usage/FNRB inputs are available, which supports moderate transparency. However, total emission reductions claimed and verified are not found in the extracted record, so the core issuance outcome cannot be checked from the provided facts. The low extraction confidence further weakens documentation visibility. The verifier also raised multiple corrective actions, suggesting the monitoring package was not fully transparent on operational details.

Claim Safety — 5.1 / 10

- + The project uses a recent baseline reassessment and a quantified leakage deduction, which helps reduce over-crediting risk.
- Verified usage of 77% is below the assumed 90%, and the verifier raised concerns about seasonality and downtime transparency.

Claim safety is mixed. The project benefits from a recent baseline reassessment and a quantified leakage deduction, but the contradiction log shows leakage treatment changed across documents, which is a reliability concern. Verified usage of 77% is materially below the assumed 90%, and the verifier asked for seasonality to be included in future surveys, implying the usage model may overstate performance. No clear CORSIA or CCP status is stated, so dual-claim risk cannot be ruled out from the extracted record alone.

Documentation — 4.2 / 10

- + There are many extracted facts and the verifier issued and closed corrective actions, showing active review.
- The extraction confidence is low, and the verifier still required follow-up on repair dates, maintenance roles, and seasonal usage effects.

Documentation quality is limited by low extraction confidence and the fact that only an unknown evidence document is listed, even though many facts were extracted. The verifier report does show material findings and several corrective actions, which is useful, but it also indicates unresolved transparency issues around repair dates, downtime recording, and maintenance responsibilities. The crediting period is recent, but the monitoring evidence appears incomplete relative to the questions needed for a high-confidence assessment.

Risk Indicators

● Additionality	VVB-confirmed test
● Permanence	reversal handling unclear
● Leakage	conflicting leakage treatment
● Baseline	project baseline, reassessed in 2024
● Safeguards	FPIC and grievance mechanism present
● Double-claim	CORSIA/CCP status not stated

What Would Improve This Score

- Publish a reconciled MRV package that clearly resolves the leakage, FNRB, usage-rate, and crediting-period contradictions across documents.
- Provide the claimed and verified emission reduction totals, plus a transparent monitoring annex covering downtime, repair dates, seasonality, and reversal handling.

Documents Reviewed

- GS6235 Maekel BHs Annual-Report 2023.pdf
- GS6235-Project-Annual-Report_2024-signed.pdf
- PoA GS1247 Annual-Report - signed.pdf
- GS4422-23 GS4518-19 GS4797-98 GS5244-45 GS6235-37 Maekel BHs Annual-Report 2022.pdf
- GS6235 Maekel MR MP5 v5 CLEAN_R2.pdf
- GS4422-3; 4518-9; 4797-8; 5244-5; 6235-7_MP8_MP7_MP4_MR_v4_CLEAN(2).pdf
- Monitoring Report_1st monitoring period_08.12.2017 to 31.01.2019_v4.pdf
- GS4422-3; 4518-9; 4797-8; 5244-5; 6235-7_ER_Calcs_MP8_7_4_v2(2).xlsx
- GS6235_Eri_SDG-Impact-Tool_v1.xlsx
- DEV_255 (1).pdf
- CO2b User Numbers Deviation-Request-Form v1_Final decision.pdf
- GS1247 IKR Micro PoA-DD CP2 v10 CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v11_CLEAN.pdf
- T-v1.1-Design-Change-Memo_GS1247_v2_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v14_CLEAN.pdf
- T-v1.1-Design-Change-Memo_GS1247_COL, HAITI, GUAT v2_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v15.3 TRACKED.pdf
- GS1247_IKR_Micro_PoA-DD_CP2_v16_TRACKED.pdf
- GS1247 IKR Micro PoA-DD CP2 v17.3_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v17.2_TRACKED_R2_Earthhood.pdf
- 430_V1.0_IQ_SDG-Impact-Tool_v1(1).xlsx
- ER_Calcs_Maekel CP2 v3.xlsx
- GS6235_Maekel Ex_Ante_calcs_v2(2).xlsx
- PDD_05.24.2013_v3.pdf
- KAOD SW GS1359 VPA-DD v2 CLEAN.pdf
- GS6235_Maekel VPA-DD v4_CLEAN(2).pdf
- PDD_31.01.2019_v2.pdf
- Gold Standard Assurance Platform — GS-1108
- Gold Standard Registry — GS-1108
- GS1247_Internal_Validation_PoA_13062013_final.pdf
- GS 1247_FVR Clean _Improved Kitchen_19-02-2025[23].pdf
- GS1247_PoA-DD Clean_CP2_Improved Kitchen_19-02-2025.pdf
- 1.xlsx
- FVR_GS1247_v3.0_PoA_Clean.pdf
- Validation_Report_GS6235_CP-Renewal-POA-GS1247.pdf
- Final-Verification-Report-GS4422-3_4518-9_4797-8_5244-5_6235-7_MP7MP6MP3_SC Approved.pdf
- Final-Verification-Report-GS4422-3-4518-9-4797-8-5244-5_6235-7-MP8-7-4-Eritea.pdf
- Verification Report_1st monitoring period_08.12.2017 to 31.01.2019.pdf
- GS6235 GS Verification report- Public Clean_R2.pdf
- GS6235_Maekel Ex_Ante_calcs_v2(1).xlsx
- GS4422-3; 4518-9; 4797-8; 5244-5; 6235-7_MP6_MP5_MP2_MR_v4_CLEAN.pdf
- GS4422-3; 4518-9; 4797-8; 5244-5; 6235-7_MP7_MP6_MP3_MR_v5_CLEAN(2).pdf
- GS4422-3; 4518-9; 4797-8; 5244-5; 6235-7_ER_Calcs_MP7_MP6_MP3_v4(2).xlsx
- DEV_660.pdf

Disclaimer

This Quality Report is an independent editorial assessment generated by CarbonMeld's automated analysis pipeline. It is based solely on publicly available registry documents and marketplace metadata at the time of analysis.

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.

This report does not constitute an audit, certification, financial recommendation, investment advice, or guarantee of environmental outcome. It does not replace professional due diligence by the buyer or any party relying on this information.

CarbonMeld is not a registry, certification body, or financial advisor. Scores reflect evidence available at the time of analysis and may change as new documentation becomes available. CarbonMeld shall not be liable for any decision to purchase, sell, trade, or otherwise transact carbon credits based in whole or in part on the scores or content of this report.

Report ID: CM-B622422C · Scoring Methodology: General v2.0 · Scored: 2026-04-19 · Generated: 2026-04-19

carbonmeld.com · carbonmeld.com/methodology · carbonmeld.com/editorial-policy