

QUALITY REPORT

IMPROVED KITCHEN REGIMES MANICA PROVINCE SAFE WATER

GS-1413 · GS · Mozambique

Report ID: CM-C876C954 · Generated: 2026-04-23 · Scoring Methodology: General v2.0

4.1Overall Score
out of 10

■ Integrity (35%)	4.2
■ Transparency (25%)	4.5
■ Claim Safety (25%)	3.5
■ Documentation (15%)	4.0

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

Assessment Summary

The project shows some positive elements (additionality confirmed by a VVB, quantified leakage justification, matching claimed and verified ERs) but has important weaknesses: missing VVB identity, unresolved material findings (unsigned survey forms), contradictions between documents, low extraction confidence, and reversal risk not addressed. Overall confidence in issuance and claim safety is limited.

Project Details

Registry	Gold Standard
Registry ID	GS-1413
Sector	water
Country	Mozambique
Vintage	2021, 2022
Project Methodology	TPDDTEC v.1
Crediting Period	2019 — 2024
Verified ERs	31,255 tCO ₂ e
Monitoring Period	2021 — 2022
Confidence	Medium
Documents Reviewed	44 documents reviewed
Scored	2026-04-23

Red Flags

- VVB name not stated in available documents
- Material finding: monitoring survey forms lack signatures; corrective actions required
- Contradictory values across documents (usage rates, leakage deduction, FN/RB) indicating data reliability issues
- Reversal events not addressed in available documents

Score Breakdown

Integrity — 4.2 / 10

- + Additionality confirmed by the VVB in the verification report (positive for additionality robustness).
- Reversal risk not addressed and no buffer pool percentage provided; material finding on unsigned surveys reduces confidence.

Additionality is confirmed by the verification report (positive). The project uses a project-specific baseline (methodology TPDDTEC, project baseline), which is weaker than a jurisdictional baseline. Leakage is stated as quantified and a leakage deduction of 0% is reported in the monitoring report (2021), but there is a contradictory 5% value in a 2023 record of unknown provenance; this contradiction and the absence of a disclosed buffer pool percentage reduce confidence. Reversal events are listed as not addressed in the available documents, and a material finding (unsigned monitoring survey forms) with corrective actions required further lowers permanence and audit reliability.

Transparency — 4.5 / 10

- + Monitoring period and matching total ERs claimed and verified (31,255) are reported in the verification report.
- VVB identity not provided and minimum extraction confidence flagged as low, reducing transparency of source evidence.

The monitoring period (2021-07-01 — 2022-06-30) and total ERs claimed and verified (31,255) are provided, and the registry is Gold Standard. However, the independent verifier's name is not stated in the extracted record and minimum extraction confidence is low, which undermines traceability. The FN/RB approach is documented as using a national default (fnrb 0.91 in the verification report), but a highly divergent FN/RB value (78) appears in a 2023 unknown-source entry, creating opacity about which value is authoritative.

Claim Safety — 3.5 / 10

- Project marked CORSIA-eligible (double-claim risk) and CCP status not stated (uncertain eligibility control).
- ~ Usage monitoring relies on self-report and there are conflicting reported usage rates between documents (reduces confidence in actual emission reductions).

The project is marked as CORSIA-eligible, which raises double-claim risk; CCP status is not stated so dual-channel exposure is uncertain. Usage monitoring is by self-report (verification report), and reported usage rates conflict across documents (e.g., 90% / 0.9 vs 95 in earlier monitoring), reducing confidence in the real-world delivery of claimed reductions. FN/RB and leakage contradictions also increase over-crediting risk.

Documentation — 4.0 / 10

- + Multiple documents are listed (validation, monitoring, PDD, verification, stakeholder consultation) and baseline was last reassessed in 2023.
- Extraction confidence is low, several contradictions exist across documents, and the VVB name is missing.

Evidence comes from multiple document types (validation, monitoring, verification, PDD, stakeholder consultation) and baseline reassessment in 2023 is recorded, which is positive. Nevertheless, min_extraction_confidence is low, the VVB is not named in the extracted data, and there are several documented contradictions between reports. The verification report (2021-11-24) lists material findings and corrective actions, indicating gaps that are unresolved in the extracted records.

Risk Indicators

● Additionality	VVB-confirmed
● Permanence	reversal unaddressed
● Leakage	quantified but contradictory
● Baseline	project-specific baseline
● Safeguards	FPIC/grievance present
● Double-claim	CORSIA-eligible

What Would Improve This Score

→ Provide the name and independence statement of the VVB in public documentation and clarify which verification report values are authoritative.

→ Resolve the material findings: submit signed monitoring survey forms and evidence requested (photos of boreholes), and publish corrective action closure.

→ Clarify leakage deduction and FN/RB discrepancies across documents (publish reconciled figures and source rationale) and address reversal risk (buffer or reversal risk mitigation measures).

Documents Reviewed

- PoA GS1247 Annual-Report - signed.pdf
- GS7132-36_GS7470-74_MR_MP2_v4_clean.pdf
- GS7132-36_GS7470-74_ER_MP3_v2[1](3).xlsx
- Mozambique_Central_SWS_December_2022_T-PerfCert_V2.0-Project-Annual-Report-Form_JW.pdf
- Mozambique_Manica_SWS_December_2022T-PerfCert_V2.0-Project-Annual-Report-Form_JW.pdf
- GS7132-36_GS7470-74_MR_MP3_v4_Clean(1).docx
- GS7132-36_GS7470-74_ER_MP4_v2(1).xlsx
- GS7132-36_GS7470-74_MR_MP4_v3_CLEAN.pdf
- Monitoring Report
- (1)Monitoring Report_1st monitoring period_03.04.19 to 30.06.20_v10.pdf
- CO2b User Numbers Deviation-Request-Form v1_Final decision.pdf
- GS7135_Mozambique_Manica_Province_SDG_Tool_v6.xlsx
- DEV_255 (1).pdf
- GS7135_Ex-Antes_CP2_v5.xlsx
- T-v1.1-Design-Change-Memo_GS1247_v2_CLEAN.pdf
- T-v1.1-Design-Change-Memo_GS1247_COL, HAITI, GUAT v2_CLEAN.pdf
- GS1247_IKR_Micro_PoA-DD_CP2_v16_TRACKED.pdf
- KAOB SW GS1359 VPA-DD v2 CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v17.3_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v17.2_TRACKED_R2_Earthood.pdf
- PDD_05.24.2013_v3.pdf
- GS1247 IKR Micro PoA-DD CP2 v15.3 TRACKED.pdf
- GS7135_Mozambique_Manica-VPA-DD_v6_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v11_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v14_CLEAN.pdf
- GS1247 IKR Micro PoA-DD CP2 v10 CLEAN.pdf
- GS7135 Stakeholder Consultation Report_06.12.18_v1.pdf
- Project Design Document (PDD)
- Gold Standard Assurance Platform — GS-1413
- Gold Standard Registry — GS-1413
- GS7132-36_GS7470-74_MR_MP2_v4.xlsx
- GS1247_PoA-DD Clean_CP2_Improved Kitchen_19-02-2025.pdf
- 1.xlsx
- FVR_GS1247_v3.0_PoA_Clean.pdf
- FVR-GS7132-36_GS7470-74.pdf
- Mozambique MS Annual Report MP3_JW.pdf
- GS1247_Internal_Validation_PoA_13062013_final.pdf
- GS7135_Validation Report v8.0-SH Retained_Clean.pdf
- GS 1247_FVR Clean _Improved Kitchen_19-02-2025[23].pdf
- _GS1247_VPA 159-163, 198-202_Internal Verification_MP2_Final round@24112021.docx
- (2)GS7135 VPA-DD_17.09.19_v5.pdf
- Validation / Verification Report
- (2)Verification Report_1st monitoring period_03.04.19 to 30.06.20.pdf
- CCIPL_1612 Moazambique_FVR_ _PR_Clean(3).pdf

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