

QUALITY REPORT

Improved Cookstoves for Rural Zambia

GS-3651 · Gold Standard · Zambia

Report ID: CM-3F0FE5C4 · Generated: 2026-04-11 · Scoring Methodology: General v2.0

4.3 Overall Score out of 10	■ Integrity (35%)	4.8
	■ Transparency (25%)	4.1
	■ Claim Safety (25%)	4.3
	■ Documentation (15%)	3.2

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

Assessment Summary

This is a certified Gold Standard cookstove project with VVB-confirmed additionality, a small leakage deduction, and no reported reversals. However, the monitoring package contains multiple material inconsistencies, several requested corrective actions, and low extraction confidence, which weakens trust in the reported emission reductions and monitoring quality.

Project Details

Registry	Gold Standard
Registry ID	GS-3651
Sector	cookstoves
Country	Zambia
Vintage	2024
Project Methodology	Technologies and Practices to Displace Decentralized Thermal Energy Consumption (TPDDTEC) 3.1
Crediting Period	2021 — 2026
VVB	Earthood Services Private Limited
Verified ERs	5,902 tCO ₂ e
Monitoring Period	2023 — 2024
Confidence	Medium
Documents Reviewed	19 documents reviewed
Scored	2026-04-11

Red Flags

- The verification record lists multiple material findings and corrective actions, including unresolved discrepancies in monitoring period dates, SDG parameter values, and supporting evidence requests.
- Reported emission reductions and usage metrics differ across documents, and the extracted record shows low confidence for at least one key source.

Score Breakdown

Integrity — 4.8 / 10

+ Additionality was confirmed by the VVB, and the project uses the TPDDTEC methodology under Gold Standard certification.

- The verification report lists material findings and corrective actions, and the monitoring record shows unresolved inconsistencies in monitoring dates and reported parameters.

The project has a positive integrity signal because the VVB, Earthood Services Private Limited, confirmed additionality and the project uses the TPDDTEC methodology. Leakage is not ignored: the monitoring report states a 1% deduction and describes it as negligible, and no reversal events are reported. That said, the verification report lists material findings and several corrective actions, including unresolved inconsistencies in monitoring dates and parameter values, which weakens confidence in the robustness of the monitoring and baseline application.

Transparency — 4.1 / 10

+ The monitoring report provides a named VVB, a defined monitoring period, and both claimed and verified emission reduction totals.

- Low extraction confidence and multiple document requests for missing evidence, including survey records and ownership samples, reduce transparency.

Transparency is mixed. The monitoring report identifies the monitoring period, the VVB, and both claimed and verified emission reductions, which is helpful. However, the extracted record shows low extraction confidence, and the verifier requested many missing items such as survey records, training evidence, ownership samples, and a declaration on no double counting, indicating incomplete public-facing documentation.

Claim Safety — 4.3 / 10

+ Leakage is treated with a 1% deduction and described as negligible in the monitoring report.

- Claimed and verified emission reductions differ from earlier figures in the contradiction log, and usage-rate figures are inconsistent across documents.

Claim safety is moderate but not strong. The project is a cookstove avoidance activity with a project baseline, which is less robust than a standardized or jurisdictional baseline, and the monitoring record shows a 1% leakage deduction rather than a fully conservative treatment. The contradiction log also shows different values for claimed and verified emission reductions and for usage-rate assumptions, so I privileged the most recent monitoring report for the headline figures but discounted the score because the discrepancies suggest over-crediting risk.

Documentation — 3.2 / 10

+ The record includes both validation and monitoring documentation, with 19 documents used and a recent monitoring report dated 2025-03-11.

- The extracted record notes low readability confidence and a long list of corrective actions and missing supporting documents.

Documentation quality is limited by the low extraction confidence and the number of unresolved corrective actions. On the positive side, the record includes both validation and monitoring reports, and the monitoring report is recent. On the negative side, the verifier explicitly asked for numerous missing supporting documents, and the record does not show a clear, complete evidence trail for several key monitoring inputs.

Risk Indicators

● Additionality	VVB-confirmed test
● Permanence	avoidance project, no reversals reported
● Leakage	small deduction, justification present
● Baseline	project baseline, reassessment timing unclear
● Safeguards	FPIC and grievance mechanism documented
● Double-claim	CORSIA/CCP status not stated

What Would Improve This Score

→ Provide a clean, reconciled monitoring annex that resolves the date, usage-rate, and emission-reduction contradictions across all versions.

→ Upload the missing supporting evidence requested by the verifier, especially survey records, KPT records, ownership samples, and the no-double-counting declaration.

Documents Reviewed

- TASC Zam VPA4 ER calc sheet MRV2 v1.4(1).xlsx
- TASC_Zam_VPA_4_Monitoring_report_MRV2_v1.6_Clean.pdf
- GS11604 Annual Report VPA 4 2023.pdf
- sdg_impact_tool_VPA4_v1.0.xlsx
- TASC Zam VPA4 ER calc sheet MRV1 v1.10.xlsx
- GS11604 Annual Report VPA 4 2024_V1.0.pdf
- TASC_Zam_VPA_4_MR_v1.9_Clean.pdf
- TASC Clean Cooking PoA DC report_v1.1.docx
- SDG-Impact-Tool_VPA_4(2).xlsx
- TASC Zam VPA4 Charcoal ER calc sheet v1.xlsx
- TASC Zam VPA1 ER calc sheet v3.xlsx
- TASC Zambia VPA4-DD v1.8 Clean.pdf
- TASC PoA-DD v1.0.pdf
- TASC PoA-DD v5_clean.pdf
- Gold Standard Assurance Platform — GS-3651
- Gold Standard Registry — GS-3651
- CCIPL 2257_GS 11604_VPA 04_FVR_Clean.pdf
- PoA Validation report 20220217.pdf
- CCIPL 1433B GS 11604 - TASC- FVR - CC(1).pdf

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