

QUALITY REPORT

Cleaner, Safer Water in Cambodia

GS-15 · Gold Standard · Cambodia

Report ID: CM-4B1B7CFA · Generated: 2026-04-10 · Scoring Methodology: General v2.0

4.6

Overall Score
out of 10

■ Integrity (35%)	4.8
■ Transparency (25%)	4.6
■ Claim Safety (25%)	4.2
■ Documentation (15%)	5.1

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

Assessment Summary

This is a certified Gold Standard avoidance project with VVB-confirmed additionality and some safeguards in place, but the record shows several material documentation and data-quality issues. The biggest concerns are unresolved contradictions in credited emissions, usage rates, and crediting-period dates, plus missing or incomplete treatment of leakage and permanence.

Project Details

Registry	Gold Standard
Registry ID	GS-15
Sector	water
Country	Cambodia
Vintage	2022, 2023
Project Methodology	Technologies and Practices to Displace Decentralized Thermal Energy Consumption 11/04/2011
Crediting Period	2010 — 2017
VVB	TÜV NORD CERT GmbH
Verified ERs	101,103 tCO ₂ e
Monitoring Period	2024 — 2024
Confidence	High
Documents Reviewed	36 documents reviewed
Scored	2026-04-10

Red Flags

- Credited emissions and usage figures conflict across documents, including a lower verified emissions total in one record than another and a large gap in usage-rate values.
- Leakage treatment and permanence are not fully evidenced: leakage is described as quantified in one place but the deduction amount is not stated, and reversal risk is marked as not addressed.

Score Breakdown

Integrity — 4.8 / 10

+ Additionality was confirmed by TÜV NORD CERT GmbH using a barrier test, which supports the project's core additionality claim.

- The verification report lists multiple corrective actions, and permanence/leakage treatment is incomplete because reversal events are not addressed and no buffer pool percentage is stated.

The project's additionality is relatively strong because TÜV NORD CERT GmbH confirmed it using a barrier test. However, the verification report also lists several corrective actions, including concerns about the additionality tool version and incomplete PDD appendices, which lowers confidence in the robustness of the file. Permanence is weakly supported because this is an avoidance project, but reversal events are not addressed and no buffer pool share is stated.

Transparency — 4.6 / 10

+ The project has a named VVB, a defined monitoring period from 2024-01-01 to 2024-11-30, and a large set of extracted source documents.

- Key reporting fields are missing or inconsistent, including no stated leakage deduction percentage, no buffer pool share, and contradictory emissions and usage figures across documents.

Transparency is mixed. The record identifies the VVB, gives a clear monitoring period, and includes many extracted documents, but important quantitative fields are missing, including a leakage deduction percentage and buffer pool contribution. The documentation also contains conflicting values for emissions and usage, which makes the public record harder to interpret reliably.

Claim Safety — 4.2 / 10

+ The project is Gold Standard certified and uses a project baseline that was last reassessed in 2024, which helps reduce some baseline staleness concerns.

- Claim safety is weakened by contradictory emissions totals, a large gap between assumed and verified usage rates, and no clear CORSIA eligibility status.

Claim safety is moderate at best. The project is Gold Standard certified and has a project baseline that was last reassessed in 2024, but the record shows major inconsistencies in credited emissions and usage rates, which raises over-crediting risk. CORSIA eligibility is not stated, so there is no strong evidence that dual-market claim risk is excluded.

Documentation — 5.1 / 10

+ The record includes multiple official document types, 36 extracted facts, and a medium extraction confidence level rather than low.

- Several corrective actions were required in the verification report, and the crediting-period information conflicts with later monitoring-period references, reducing documentation reliability.

Documentation quality is acceptable but not strong. The file draws on multiple official sources and extraction confidence is medium, but the verification report contains several corrective actions and some fields remain incomplete. The crediting-period dates also conflict with later monitoring-period references, suggesting the record is not fully harmonized.

Risk Indicators

● Additionality	VVB-confirmed barrier test
● Permanence	avoidance project, reversal risk not addressed
● Leakage	leakage discussed but deduction not stated
● Baseline	project baseline with reassessment timing unclear
● Safeguards	FPIC and grievance mechanism present
● Double-claim	CORSIA eligibility not stated; CCP not mentioned

What Would Improve This Score

→ Publish a reconciled emissions and usage table that explains the differences between the conflicting verified and claimed figures, with document-by-document provenance.

→ State the leakage deduction, buffer pool treatment, and reversal-risk handling explicitly in the latest monitoring and verification materials, and harmonize the crediting-period timeline across documents.

Documents Reviewed

- (1)Monitoring Report_5th monitoring period_01.05.2015 to 30.04.2016_v2.doc
- HSE_CP2-MP7_GS1020MR_V2.0_20250616-f.pdf
- (1)Monitoring Report_2nd monitoring period_01.06.2012 to 30.04.2013_v1.pdf
- HSE_CP2-MP5_GS1020MR_V3.0_20230610(clean).pdf
- Monitoring Report_4th monitoring period_01.05.2014 to 30.04.2015_v5.pdf
- (1)Monitoring Report_3rd monitoring period_01.05.2013 to 30.04.2014_v3.pdf
- 20230611_GS4GG Final VER Report_Cambodia CWP 5th in CP2_clean.pdf
- (1)Monitoring Report_1st monitoring period_01.12.2010 to 31.05.2012_v4.pdf
- HSE_CP2-MP6_GS1020MR_V3.0_20241007_Clean.pdf
- HSE_CP2-MP3_GS1020MR_V5.0_20210707(clean).pdf
- 20230508_GS4GG Final VER Report_Cambodia CWP 5th in CP2.pdf
- HSE_CP2-MP3_ER_Cal_V3.0_20210612.xlsx
- Monitoring Report_6th monitoring period_01.05.2016 to 30.04.2017_v2.pdf
- HSE_CP2-MP5_GS1020MR_V2.0_20230424.pdf
- HSE_CP2-MP6_GS1020MR_V2.4_20240621.docx
- HSE_CP2-MP5_GS1020ER_V1.0_20230327.xlsx
- HSE_CP2-MP4_GS1020MR_V3.0_20220516.docx
- HSE_CP2-MP4_GS1020ER_V3.0_20220516.xlsx
- GS Passport_01.15.2018_v3.docx
- (3)GS1020 Transition Annex_29.10.2019_Final.docx
- PDD_02.05.2018_v11.2.docx
- Gold Standard Assurance Platform — GS-15
- Gold Standard Registry — GS-15
- CCIPL2225_FVR_CC_14-11-2024.pdf
- GS1020 Validation Report 29.11.2017_v1.pdf
- Verification Report_4th monitoring period_01.05.2014 to 30.04.2015_v2.pdf
- Verification Report_7th monitoring period_01.05.2017 to 30.11.2017_v4.pdf
- FVerR_Cambodia CWP_GSver 4th_CP2_V02-clean(1).pdf
- (1)Verification Report_6th monitoring period_01.05.2016 to 30.04.2017_rev1.pdf
- (1)Verification Report_3rd monitoring period_01.05.2013 to 30.04.2014_rev2.pdf
- (1)Verification Report_2nd monitoring period_01.06.2012 to 30.04.2013_v2.pdf
- Verification Report_1st monitoring peeriod_01.12.2010 to 31.05.2012_v1.1.pdf
- (1)Verification Report_5th monitoring period_01.05.2015 to 30.04.2016_rev2.pdf
- CCIPL2225_FVR_Finaldocx.pdf
- FVerR_Cambodia CWP_GSver 4th_CP2.pdf
- FVerR_Cambodia CWP_GSver 3rd_CP2_V3.0.pdf

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