

CARBON PRICING MRV SNIPPETS



Issue #6: Common Errors in Emissions Report (Part 2) - Transcription

Date: 11 February 2026

Types of Transcription Errors

Primary sources to calculation files

Errors commonly occur when transferring data from primary sources into calculation spreadsheet or data processing software

EXAMPLES

- Purchased amounts from invoices or delivery receipts
- Meter or analyser readings from DCS systems
- Site-specific net calorific value (NCV) from laboratory analyses
- Non-CO2 GHG changeover setpoint from SCADA systems

- Gas compositions for deriving NCV or CO2 emissions factors
- Cylinder weight for LPG, HFCs, or PFCs that differ from standard product specifications
- Recipe data for deriving gas apportionment ratios
- Consumed quantities from operational logs

Calculation Files to Final Emissions Report

Errors may also occur in the final transcription stage when transferring processed data, such as:

- Annual activity data
- Site-specific conversion factors
- GHG emissions data for IPPU streams

Root Causes of Errors

Data Management Issue	• Inadequate organisation and compilation of raw data sources • Inadequate version control of calculation files, allowing outdated figures to be transcribed to the next stage • Lack of standardised data entry procedures
Quality Assurance Gaps	• Insufficient cross-checking against original sources • Incomplete review processes between transcription stages • Absence of independent verification steps
Technical Misunderstanding	• Incorrect interpretation of measurement units especially when new team members take over data compilation/review responsibilities • Inappropriate rounding or truncation of values • Misalignment between data format across different systems

Possible Prevention & Mitigation Measures

