

VALIDERE

GHG Reporting Automation Evaluation Checklist

Use during emissions management software demos to test automation across the greenhouse gas reporting workflow.

Vendor / platform	Demo date
Evaluator	Programs in scope

1. Capability scorecard

Mark Pass only when the vendor demonstrated the capability with a realistic scenario, not only a slide claim.

Capability	What good looks like	Pass	Fail
Automated data collection	Monitored integrations or governed imports with lineage and failure handling	☐	☐
Configurable calculation methodologies	Versioned methods and factors by source, facility, and reporting year	☐	☐
Audit trails	Trace reported value to activity data, method, factor, and approver	☐	☐
Regulatory reporting	Supports your actual programs, quality procedures, and package needs	☐	☐
Voluntary reporting support	Reuses governed data without creating a second inventory process	☐	☐
Workflow approvals	Role-based reviews bound to a dataset version, with rejection handling	☐	☐
Data quality validation	Owned exception queue before calculation, not only year-end checks	☐	☐
System integrations	Clear prebuilt vs custom path for your SCADA, ERP, EHS, and warehouse stack	☐	☐
Analytics and dashboards	Readiness view: missing data, open exceptions, approval status, drill-down	☐	☐
Scalability across assets	Hierarchy changes preserve historical reporting across multi-site portfolios	☐	☐

2. Live demo sequence

1. Ingest a sample operational extract into the platform.
2. Introduce a missing or late record and show the exception queue.
3. Recalculate after an emission factor or methodology change.
4. Reject an approval, correct the data, and re-route the package.
5. Regenerate the regulatory report from the updated dataset.
6. Show the audit trail six months after "submission."

3. Decision notes

Question	Notes
What remains manual after go-live?	
How much implementation work is required for our stack?	
Can reports be regenerated after late data arrives?	
Does this reduce spreadsheet dependence for critical filings?	
Overall fit for our GHG reporting workflow	

Companion to Validere’s guide: How Oil and Gas Companies Automate Greenhouse Gas Reporting with Emissions Management Software. For a broader oil and gas demo scorecard, use the nine evaluation criteria kit.