

Ground Cold-Chain Evidence Standard v1.0

A practical standard for airline catering ground-leg cold-chain evidence.

This public GCCAP document is an evidence support asset. It does not certify food safety, declare legal compliance, assign fault or replace client, auditor, insurer, regulator or legal review.

GCES v1.0 purpose

The Ground Cold-Chain Evidence Standard gives airline catering teams a practical structure for producing review-ready cart-level temperature evidence.

Standard scope	Ground leg evidence from cold-hold release through staging, loading, transport, airside handover and return where configured.
Audience	Airlines, caterers, QA teams, auditors, insurers, procurement and technical reviewers.
Boundary	GCCAP-authored standard. It supports review and alignment. It is not an external certification scheme.

Required evidence fields

Each evidence package should preserve the fields needed for later review.

Identity	Client, site, cart, route or dispatch context where available.
Stage	Cold-hold release, staging, loading, transport, airside, aircraft handover or return.
Temperature	Readings, threshold profile, duration, peak, recovery and exception classification.
Source record	Raw source reference, data quality status and export integrity reference.

Evidence levels

Different operating contexts can mature over time.

Recorded	Cart-level readings and basic stage context are retained.
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Monitored	Gateway capture and event reconstruction support routine reporting.
Assured	Evidence packages include integrity controls, review limits and repeatable export rules.

Review boundary: GCCAP reports observed behaviour, data quality and evidence limits. Live client exports require validated hardware, approved site access and agreed governance controls.