



DraftVerify Standard v1.0

The recognized standard for non-alcoholic draft systems

Operational Integrity Framework for Non-Alcoholic Draft Systems

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Foreword: About DraftVerify

DraftVerify was founded to bring scientific integrity and operational consistency to the fast-growing world of non-alcoholic draft service.

As the category expands, the potential for cross-contact, misidentification, and system confusion increases—especially in venues that serve both alcoholic and non-alcoholic products from shared infrastructure.

The **DraftVerify Standard** provides the industry's first unified benchmark for how non-alcoholic draft systems should be identified, maintained, and verified.

This framework is not a service program—it is a **rulebook** for responsible operators, distributors, and manufacturers who believe that quality, safety, and transparency must extend to every pour.

1. Purpose

The DraftVerify Standard defines the baseline operational and identification requirements ensuring that beverages represented as non-alcoholic are dispensed via draft systems free of contamination, cross-contact, or misrepresentation.

2. Scope

- Applies to storage, handling, identification, and dispensing of non-alcoholic products through draft systems.
- Relevant to venues, distributors, and installers operating mixed or dedicated systems.
- Excludes brewing, production, and formulation processes.

3. Definitions

- **Non-Alcoholic (NA):** Beverage $\leq 0.5\%$ ABV or local equivalent threshold.
- **Cross-Contact:** Introduction of ethanol-bearing liquid or vapor into NA draft pathways due to shared equipment, fittings, or procedures.
- **Verification:** Assessment of system conformance to this standard.
- **Serialized Tag:** A unique identifier affixed to a compliant system for traceability (e.g., DV-SITE-YYYY-#####).

4. Core Principles

1. **Separation** — NA dispensing pathways must be isolated from alcoholic pathways.
2. **Identification** — NA components must be visibly and permanently distinguished.
3. **Verification** — Conformance must be provable through a documented record.
4. **Education** — Personnel must understand and maintain NA handling integrity.

5. System Identification Requirements

- **Distinct Identification:** Operators must use visible, durable identification methods for NA components (no specific colors or fittings mandated).
- **Permanent Labeling:** A serialized DraftVerify tag is affixed at the NA coupler or connection point.
- **Segregation Assurance:** Operators maintain written procedures preventing NA and alcoholic line crossover during use or maintenance.

6. Physical Separation & Cross-Contact Prevention

- NA lines must not be reused for alcoholic products without re-verification.
- Gas supply must prevent backflow or line migration that introduces alcohol.
- Cleaning must avoid chemical or fluid crossover from alcoholic lines.
- Shared towers or manifolds require documented physical or procedural controls.

7. Handling & Storage (Cold Chain)

- Store NA kegs ≤ 4 °C where feasible.
- Tapped kegs should be consumed within a defined time window (1-2 week).
- Prevent contact with ethanol residues during transport, cleaning, or rinsing.

8. Verification Protocol

DraftVerify verification occurs at three intervals:

- **Initial Verification:** Tag issued, documentation captured, and controls validated.
- **Annual Renewal:** Reassessment of identification, handling, and records.
- **Post-Modification Review:** Required after any system change affecting NA integrity.

9. Field Testing (Optional but Recommended)

Operators may conduct optional ethanol screening:

- Rinse-through sampling for ethanol detection pre- and post-maintenance.
- Approved enzymatic or spectrometric detection methods (“not detected” required).
- Surface ATP or hygiene testing as a supplementary cleanliness measure.

10. Documentation & Recordkeeping

- **Verification Record:** Venue, verifier, tag serial, date, and findings.
- **Identification Plan:** Description of how NA components are distinguished.
- **Change Log:** All hardware or gas configuration adjustments.
- **Cleaning Log:** Frequency, agents, and responsible staff.

11. Tag Serialization & Registry

- Every verified NA connection point receives a serialized tag (DV-SITE-YYYY-#####).
- Tag data stored in DraftVerify registry with operator details.
- Public verification via QR or URL encouraged; private data remains confidential.

12. Roles & Responsibilities

- **Operator:** Implements and maintains identification and segregation controls.
- **Distributor/Installer:** Supports operator compliance and safe handling.
- **Verifier:** Confirms conformance and maintains audit trail for certification.

13. Conformance Assessment & Scoring

- **Major Non-Conformity (NC):** Active risk of cross-contact or absent identification.
- **Minor NC:** Documentation or labeling issues without direct contamination risk.
Certification requires zero Major NCs and closure of any Minor NCs within 30 days.

14. Use of Mark

- Only verified systems may display the “DraftVerify Certified” mark.
- The mark indicates compliance, not product endorsement.
- Misuse may result in revocation and public notice in the registry.

15. Incident Response & Corrective Action

- Immediately isolate suspected contaminated lines.
- Document cause, corrective steps, and results of verification retest.
- Certification suspended until re-verification confirms compliance.

16. Change Management

- Planned system changes require segregation review before service.
- Unplanned changes must be logged within 24 hours and verified ASAP.

17. Events & Mobile Service Conditions

- Temporary setups must meet permanent system identification standards.
- Portable systems (jockey boxes, manifolds) must be dedicated or re-verified.
- Post-event teardown includes cleaning verification and re-tagging if needed.

18. Revision Policy

This standard is reviewed annually. Amendments may be submitted to:
standards@draftverify.com
Revisions supersede prior versions upon publication.

Public Reference Statement

This document serves as the publicly published version of the DraftVerify Standard v1.0, establishing the foundational principles for verifying non-alcoholic draft systems.

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