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ASTM International Technical Committee F49 on Digital Information in the Supply Chain

SCOPE

The promotion of knowledge, stimulation of research, and the development of standards and specifications, formulation of definitions and terminology, and development of recommended practices and guides related to the sharing and use of digital information in the supply chain. The Committee will coordinate with any other ASTM Technical Committees and other standards development organizations (SDO) with related interests and ensure that the standards are technology and vendor neutral, and the standards development process is consistent with WTO principles.

TECHNICAL SUBCOMMITTEES

- **F49.01** Terminology
- **F49.02** Interoperability
- **F49.03** Essential Data Elements
- **F49.04** Recommended Practices, Guides, and Specifications
- **F49.05** Enabling Technology
- **F49.06** Clarity, Measurement, and Authenticity of Information
- **F49.91** Long Range Planning

CURRENT WORK ITEMS

F49.01 Terminology

F3682 — Standard Terminology for Goods Movement Process (GMP) Precise Foundational Definitions

WK87871 — Standard Terminology for Supply Chain Key Terms

WK88617 — Standard Terminology for NSAC Recommended Minimum Required Data Set

WK88966 — Standard Terminology for Supply Chain Stakeholders

WK90204 — Standard Terminology for DOT FLOW Initiative Data Elements

WK95024 — Standard Terminology for Supply Chain Locations

F49.04 Recommended Practices, Guides, and Specifications

WK87207 — Standard Practice for Container Availability

WK92031 — Standard Guide for the Goods Movement Process Statuses

F49.05 Enabling Technology

WK94483 — Standard Guide for Developing Evaluation Rubrics to Support Ontology-Based Classification of Emerging Technologies in the Digital Supply Chain

F49.06 Clarity, Measurement, and Authenticity of Information

D8558 — Standard Guide for Verification of a Certificate of Authentication Used to Track Products through Their Supply Chain by Utilizing Blockchain Technology

*Please select the WK for more information on the standard; or scan the QR code to see the full list of Subcommittees, Standards, and Work Items.



QUICK FACTS

Established 2022

Number of Members 100

Number of Standards 2

The standards are available in
Volume 10.04 in the *Annual Book of ASTM Standards*

Meetings F49 meets twice annually
in April and October

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