



Designation: D8556 – 24

Standard Practice for Requirements of a Quality Management System for Cannabis and Hemp Operations¹

This standard is issued under the fixed designation D8556; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This practice covers a concise set of requirements for the elements of an effective quality management system (QMS) for the cannabis industry's agriculture, processing, and testing operations. Related ASTM guides and practices are available or are being written for each of the QMS elements. The available guides and practices are referenced throughout this practice. Guide [D8222](#) provides guidance for establishing a quality management system.

1.2 Understanding the significance and use of these requirements in Section [4](#) is important to properly meet the requirements.

1.3 This practice applies to all types of operations from cultivation, processing, testing, distribution, and other related operations. If some QMS elements do not apply to a specific type of operation it shall be documented in the operations quality manual as described in [6.2](#).

1.4 Laws and regulations from authorities having jurisdiction supersede requirements within this practice.

1.5 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

1.6 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

¹ This practice is under the jurisdiction of ASTM Committee [D37](#) on Cannabis and is the direct responsibility of Subcommittee [D37.02](#) on Quality Management Systems.

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2. Referenced Documents

2.1 ASTM Standards:²

- [D8220](#) Guide for Conducting Recall/Removal Procedures for Products in the Cannabis Industry
- [D8222](#) Guide for Establishing a Quality Management System (QMS) for Consumer Use of Cannabis/Hemp Products
- [D8229](#) Guide for Corrective Action and Preventive Action (CAPA) for the Cannabis Industry
- [D8250](#) Practice for Applying a Hazard Analysis Critical Control Points (HACCP) System for Cannabis Consumable Products
- [D8270](#) Terminology Relating to Cannabis
- [D8286](#) Guide for Processing Cannabis Product Complaints
- [D8308](#) Practice for Cannabis/Hemp Operation Compliance Audits
- [D8346](#) Guide for Requirements for Quality Related Professions Within the Cannabis and Hemp Industries
- [D8347](#) Guide for Requirements for Analytical Laboratory Related Professions Within the Cannabis and Hemp Industries
- [D8348](#) Guide for Requirements for Transportation and Logistics Related Professions Within the Cannabis and Hemp Industries
- [D8398](#) Practice for Management Responsibilities in Managing a Quality Management System (QMS)
- [D8452](#) Guide for Medical-related Professionals within the Cannabis and Hemp Industries
- [D8477](#) Practice for Cannabis or Hemp Supplier Lifecycle Management

² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at www.astm.org/contact. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.