

Storage, handling, and dispensing of aviation fuels at aerodromes

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Preface

This is the third edition of CSA B836, *Storage, handling, and dispensing of aviation fuels at aerodromes*. It supersedes the 2000 edition and the 2005 edition, which was re-affirmed in 2010.

This edition has been updated to reflect current industry practices and new industry standards that are instrumental in the proper and safe methods of operations at aerodromes. In addition to these changes, it includes in-depth information and more stringent inspection schedules and more stringent checklists and forms that correspond to the daily, weekly, and annual inspection guidelines.

Significant changes include:

- a) revised requirements for filtration on pre-blended aviation fuel with anti-icing additive;
- b) revised requirements for hydrant system checks;
- c) revised requirements for hydrant servicer DP shutdown devices; and
- d) revised aircraft fueling hose requirements.

This Standard was prepared by the Technical Committee on Storage, Handling, and Dispensing of Aviation Fuel, under the jurisdiction of the Strategic Steering Committee on Fuel-Burning Equipment, and has been formally approved by the Technical Committee.

The design requirements of this Standard are effective upon its publication for the construction of new, or the alteration of existing, facilities within the scope of this Standard. The implementation of all procedural requirements (training, operations, emergency response, etc.) will be effective as stipulated by the authority having jurisdiction.

Also, this edition harmonizes with other industry publications for into-plane fueling standards, thereby providing synergies for standardized operating practices that reference similar documents for auditing purposes.

Notes:

- 1) *Use of the singular does not exclude the plural (and vice versa) when the sense allows.*
- 2) *Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.*
- 3) *This Standard was developed by consensus, which is defined by CSA Policy governing standardization — Code of good practice for standardization as “substantial agreement. Consensus implies much more than a simple majority, but not necessarily unanimity”. It is consistent with this definition that a member may be included in the Technical Committee list and yet not be in full agreement with all clauses of this Standard.*
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d) *rationale for the change.*

CSA B836:14

Storage, handling, and dispensing of aviation fuels at aerodromes

1 Scope

1.1

This Standard specifies the minimum design, construction, operation, maintenance, and emergency response requirements for the storage, handling, and dispensing of aviation fuels at aerodromes.

1.2

This Standard specifies requirements for

- a) the safety of aerodrome employees and the travelling public;
- b) the provision of clean, dry, and on-specification aviation fuel; and
- c) the protection of property and the environment associated with the storage, handling, and dispensing of aviation fuels.

1.3

In this Standard, “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy in order to comply with the Standard; “should” is used to express a recommendation or that which is advised but not required; and “may” is used to express an option or that which is permissible within the limits of the Standard.

Notes accompanying clauses do not include requirements or alternative requirements; the purpose of a note accompanying a clause is to separate from the text explanatory or informative material.

Notes to tables and figures are considered part of the table or figure and may be written as requirements.

Annexes are designated normative (mandatory) or informative (non-mandatory) to define their application.

1.4

The values given in SI units are the units of record for the purpose of this Standard. The values given in parentheses are for information and comparison only.

2 Reference publications

This Standard refers to the following publications, and where such reference is made, it shall be to the edition listed below, including all amendments thereto.

Note: *In cases where the editions listed below are amended, replaced by new editions, or superseded by another standard during the life of this referencing Standard, it is the responsibility of the users of this Standard to apply those amendments, new editions, or superseding standards.*