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# STANDARDS BULLETIN 2016-21

## Third Edition CAN/ULC-S644:2016

### STANDARD FOR EMERGENCY BREAKAWAY FITTINGS FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS

ULC Standards is pleased to announce the publication of the Third Edition of CAN/ULC-S644:2016, Standard for Emergency Breakaway Fittings for Flammable and Combustible Liquids. This National Standard of Canada has been approved by the ULC Committee on Fittings for Flammable and Combustible Liquids, and has been published under the date of August 2016.

CAN/ULC-S644 sets forth minimum requirements for emergency breakaway fittings intended only for flammable and combustible liquid service. An emergency breakaway fitting is intended for use with dispensing devices to allow separation of the hose nozzle valve and/or hose from the dispenser and prevent loss of liquid in the event that the vehicle drives away before the hose nozzle valve is removed from the vehicle's tank filler neck. An emergency breakaway fitting is intended to be installed between the hose nozzle valve and the dispenser. Requirements for the installation and use of equipment handling flammable and combustible liquids may be included in the National Fire Code of Canada and the regulations of the authority having jurisdiction.

Changes to this Edition of CAN/ULC-S644:2016 include:

- Revised and clarified the following Performance and Test Methods:
  - Accelerated Air Oven Aging;
  - Moist Ammonia-Air Stress Cracking Test; and
  - Low Temperature Exposure.
- Removed Immersion (Reference Fuels) Test;
- Revised and updated referenced standards; and
- Improved formatting and document structure that renders the Standard more user-friendly.

This Standard can be ordered for \$183.00 (hardcopy) or CAD \$153.00 (PDF format) through our website at [www.ulc.ca](http://www.ulc.ca) and by selecting the link to *ULC Standards*. Once on the ULC Standards homepage, select *Sales of ULC Standards Materials* for further details.

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Yours truly,  
**ULC Standards**

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