



## POSITION STATEMENT SUMMARY

# Automatic storage and retrieval systems (ASRS)

## Position

Effective 29 April 2024, the following is a position of Fire and Rescue NSW (FRNSW):

FRNSW does not support the storage of flammable goods (dangerous goods class 2, 3 and 4) within any top loading ASRS.

FRNSW recommend consideration be given to the provisions identified in *FM Global Property Loss Prevention Data Sheet 8-34 Protection for Automatic Storage and Retrieval Systems* when designing and assessing buildings that contain an ASRS.

FRNSW recommend consideration be given to Appendix C.3 “Automatic storage and retrieval systems” of AS 2419.1:2021 – *Fire hydrant installations, Part 1: System design, installation and commissioning*, when designing fire protection systems in buildings that contain an ASRS.

Reference must be made to the FRNSW website to ensure this position is current at the time of use, and this position has not been superseded or revoked.

## Summary

This position statement supersedes the previous position last updated on 1 November 2023. The position has a revised arrangement and amends reference to Appendix C.3 of AS 2419.1:2021.

Informative commentary directs all building proponents, when designing and assessing buildings containing an ASRS, to consider provisions within *FM Global Property Loss Prevention Data Sheet 8-34 Protection for Automatic Storage and Retrieval Systems*. This data sheet provides guidelines specific to top loading ASRS, in addition to horizontal-loading and vertically enclosed ASRS.

Informative commentary also directs building proponents to the relevant section of the applicable Standard, Appendix C.3 “Automatic storage and retrieval systems” of AS 2419.1:2021, for consideration during the design phase.

This position statement has been authorised for release by Chief Superintendent Fire Safety, FRNSW.

## Contact us

For further information contact the Fire Safety Branch on (02) 9742 7434 or email [firesafety@fire.nsw.gov.au](mailto:firesafety@fire.nsw.gov.au).

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