



POSITION STATEMENT SUMMARY

FRNSW hose connections

Position

Effective 19 January 2026, the following is a position of Fire and Rescue NSW (FRNSW):

Hose connections on fire hydrant and fire sprinkler systems must be compatible with FRNSW equipment.

For existing fire hydrant and/or sprinkler systems, the hose connections are to be compatible with AS 2419.4:2021 Storz or with NSW fire brigade thread (FBT).

For new or updated fire hydrant and/or sprinkler systems, AS 2419.4:2021 compliant Storz adaptors are to be fitted to hose connections.

All Storz hose connections should be fitted with a 'delivery gasket' unless fitted to a fire brigade suction connection, where a 'suction gasket' is to be fitted for negative pressure operation.

Note: Reference should be made to the FRNSW technical information sheet [FRNSW compatible Storz hose connections](#) for further detailed information.

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must be made to the FRNSW website to ensure this position is current at the time of use, and this position has not been superseded or revoked.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 5 December 2024. The position has been revised to nominate the type of gasket to be fitted to different connections.

Hose connections on existing fire hydrant and sprinkler systems must have a form, fit and function that is compatible with AS 2419.4:2021 Storz, or with NSW FBT (i.e. 5¹/₅ TPI Whitworth thread).

For any new and updated fire hydrant and sprinkler systems, Appendix Q of AS 2419.1:2021 identifies that Storz hermaphrodite hose couplings to AS 2419.4:2021 are used in NSW, therefore AS 2419.4:2021 compliant Storz adapters are to be fitted.

Storz hose connections can be provided with either delivery or suction gaskets depending on the intended use. The position clarifies that delivery gaskets should be fitted when the connection is used for positive pressure only (e.g. fire hydrant valves, booster inlets) and a suction gasket used when negative pressure may apply (e.g. fire brigade suction connections).

Informative commentary directs proponents to FRNSW technical information sheet [FRNSW compatible Storz hose connections](#), which provides detailed information on Storz fittings.

Note: Not all Storz fittings comply with AS 2419.4:2021, including the FBT-Storz adapter as was specified in previous (now obsolete) versions of the FRNSW technical information sheet.

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

Contact us

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