

ActivFire® Advisory Note AN-003

Verification and certification of steel pipes to AS 1074:1989 (R2018)

This advisory note provides an explanation, timeline and important information regarding the pathway of new and existing certification of steel pipes to AS 1074:1989 (R2018) (“the Standard”) by CSIRO’s Fire Systems Laboratory and ActivFire® Scheme.

Background

As demand for the certification of steel pipes to the Standard by CSIRO’s ActivFire® scheme has increased over the years, CSIRO’s ActivFire® Scheme has updated its certification criteria and processes to further align with the requirements of the Standard during (re)certification and revalidation of new and existing ActivFire® certified AS 1074 steel pipes.

Changes to certification of AS 1074 Steel Pipes

New certification of AS 1074 steel pipes

[Update 9 May 2025] From 1 June 2024, CSIRO ActivFire® Scheme requires that new certifications of AS 1074 steel pipes are evaluated for conformity by CSIRO’s Fire Systems Laboratory to CSIRO Technical Specification TS-017.

Certification of AS 1074 steel pipes currently in progress

[Update 9 May 2025] Projects currently (May 2025) in progress with CSIRO’s ActivFire® Scheme for the certification of AS 1074 steel pipes will continue as per version 1 of this Advisory note published on 15 April 2024, but will have to meet the requirements of CSIRO Technical Specification TS-017 by 30 April 2027 for revalidation.



Revalidation of currently ActivFire® certified steel pipes

[Update 9 May2025] To ensure that all steel pipes registered with CSIRO's ActivFire® Scheme to AS 1074 meet the new certification requirement, CSIRO's ActivFire® Scheme shall require the following:

1. Registrants of currently ActivFire® certified steel pipes to submit an verification of conformity report detailing verification of conformity to AS 1074:1989 (R2018) in accordance with CSIRO Technical Specification TS-017, by 31 December 2026 to maintain certification after 30 April 2027.
2. The primary manufacturing unit of the steel pipes shall be audited in accordance with CSIRO Technical Specification TS-017 by 30 April 2027.

Timeline of changes [updated 9-May-2025]

March 2024

- New certifications of AS 1074 steel pipes are required to be evaluated for conformity by CSIRO's Fire Systems Laboratory to the relevant requirements of Section 2 of AS 1074:1989 (R2018).

April 2024

- AN-003 (this document) published.
- Applicants of current projects for the certification of AS 1074 steel pipes advised of the changes.
- Changes and updates to currently certified AS 1074 steel pipes will need to meet the new requirements.

April 2025

- Existing ActivFire® certified AS 1074 steel pipes will continue to be revalidated.

May 2025

- CSIRO Technical Specification TS-017 published.
- AN-003 (this document) updated.

June 2025

- New certifications of AS 1074 steel pipes are required to be evaluated for conformity by CSIRO's Fire Systems Laboratory to CSIRO Technical Specification TS-017 which includes Factory Production Control Audits.

April 2027

- Revalidation of existing ActivFire® listed steel pipes to AS 1074 will only be available for steel pipes that meet the requirements of CSIRO Technical Specification TS-017.



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v3 – Typographical amendments

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