

ActivFire® Advisory Note AN-024

Verification and Certification of Steel Pipes to International Standards

This advisory note provides an explanation, timeline, and important information regarding the certification pathway for new and existing steel pipes to international standards by CSIRO's Fire Systems Laboratory and ActivFire® Scheme.

Background

In recent years, there has been a notable increase in demand for certification of steel pipes to international standards through CSIRO's ActivFire® Scheme. In response, the Scheme has updated its certification criteria and related processes. These updates are designed to ensure greater alignment with the requirements of the relevant standards during certification, recertification, and revalidation.

As a result, both new applications and existing ActivFire® certified steel pipes to international standards are now subject to revised procedures that more closely adhere to the relevant standards. This approach reinforces the integrity of the certification process and supports ongoing compliance under the ActivFire® Scheme.

Changes to certification of steel pipes to international standards

New certification of steel pipes to international standards

From 1 October 2025, the CSIRO ActivFire® Scheme requires that new certifications of steel pipes to international standards are verified for conformity to ANSI/UL 852 and/or FM 1630, with reference to ASTM A53/A53M, ASTM A135/A135M, or ASTM A795/A795M, by CSIRO's Fire Systems Laboratory in accordance with CSIRO Technical Specification TS-027.

Revalidation of currently ActivFire® certified steel pipes to international standards

To ensure that all steel pipes registered with CSIRO's ActivFire® Scheme to international standards meet the new certification requirements, the following is required:

- Registrants of currently ActivFire® certified steel pipes must have their products evaluated to CSIRO Technical Specification TS-027 by CSIRO's Fire Systems Laboratory by 31 December 2026 to maintain certification after 30 April 2027.
- Nominated representatives of either CSIRO's Fire Systems Laboratory or the ActivFire® Scheme will conduct Factory Production Control (FPC) audits of the manufacturing units.



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Timeline of changes

October 2025

- CSIRO Technical Specification TS-027 and AN-024 (this document) published.
- New certifications of steel pipes to international standards are required to be verified for conformity by CSIRO's Fire Systems Laboratory in accordance with CSIRO Technical Specification TS-027 which includes Factory Production Control Audits.

April 2026

- Existing ActivFire® certified steel pipes to international standards will continue to be revalidated.

April 2027

- Revalidation of existing ActivFire® listed steel pipes to international standards will only be available for steel pipes that meet the requirements of CSIRO Technical Specification TS-027.

Issuing Authorities

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