

DECEMBER 2023 NEWSLETTER

General

End of year shut down period

ActivFire will be close from the 22 December 2023 to 4 January 2023.

2024 Revalidation

Advisory Note AN-011 regarding the ActivFire 2024 revalidation process has been published and can be found [here](#). If you are a registrant with ActivFire, please read this and contact us if you have any questions.

Website

ActivFire is currently in the process of updating its website. We will be bringing you a new and improved website in the not-so-distant future.

Standards and Technical Specification Updates

Lead-acid Batteries for FDCIE/EWCIEs

As previously advised, ActivFire and CSIRO's Fire Systems Laboratory have published a Technical Specification TS015 (Lead-acid Batteries for FDCIE/EWCIE) and an associated Advisory Note (AN-001). You can find these documents on our [website](#).

Please note that by 30 April 2024, lead-acid battery products currently listed to CSIRO TS-001 and/or AS 1603.4 Appendix G-1987 will not be revalidated. Please contact us at certification@csiro.au to have your lead-acid battery re-evaluated to the new Technical Specification TS-015.

Condensed Aerosol fire extinguishing systems and gaseous suppression systems

ActivFire and CSIRO's Fire System Laboratory now requires the witnessing of design application density testing for new applications of condensed aerosol fire extinguishing systems, and extinguishing agent concentration testing for new applications of gaseous suppression systems.

ActivFire will require currently listed condensed aerosol fire extinguishing systems products and gaseous suppression systems to meet the new certification requirements (including those mentioned above) by December 2025.

Please refer to advisory note AN-007 and CSIRO technical specification TS-016 for the new certification requirements for condensed aerosol fire extinguishing systems; and soon to be published AN-008 and CSIRO technical specification TS-008 for the new certification requirements for gaseous suppression systems.

DECEMBER 2023 NEWSLETTER

Standards and Technical Specification Updates

Fire protection systems for heavy vehicles

ActivFire and CSIRO's Fire System Laboratory have recently completed the witness testing of the fire performance test and evaluation of fire protection systems for heavy vehicles to AS 5062:2022, with the Certificate of Conformity for that system recently being published.

The new Technical Specification for the evaluation of fire protection products for mobile and transportable equipment to AS 5062:2022 is being completed. This Technical Specification will cover the requirements needed to update products currently listed to AS 5062:2016 in the ActivFire Scheme to the latest standard revision, as well as the requirements for products currently listed to internationally recognised standards to be listed to AS 5062:2022.

ActivFire will require all currently listed fire protection systems for heavy vehicles to meet the requirements of AS 5062:2022 by December 2025.

Smoke alarms

ActivFire and CSIRO's Fire System Laboratory are awaiting the publication of the draft NCC 2025, expected to be published by April 2024 next year, to confirm if AS 3786:2023 will be adopted. Once we have more information, we will be looking at publishing an advisory note accordingly.

ActivFire is currently in the process of drafting a procedural document and technical specification for the evaluation of conformity for smoke alarms to AS 3786 and the post certification requirements needed to maintain ActivFire certification.

Steel tubes and pipes for sprinkler and hydrant systems

ActivFire does not currently certify steel tubes and pipes directly to AS 2419.1 or AS 2118.1 or AS 4118.2.1 for new applications. It is ActivFire's interpretation that these standards are installation standards. Under ActivFire's current Listing Body Approval (LBA) classification, ActivFire continues to verify and validate evidence of conformity for steel tubes to AS 1074.

ActivFire is currently in the process of drafting a procedural document and technical specification for the evaluation of conformity of steel tubes and pipes to AS 1074 and AS 4728, as well as the post certification requirements needed to maintain ActivFire certification.

ActivFire will continue to recognise UL, FM, ASTM, and other AS standards related to steel tubes as described in AS 2419.1 or AS 2118.1 or AS 4118.2.1 through ActivFire's Recognised Body Approval (RBA) classification.

DECEMBER 2023 NEWSLETTER

Visits, Conferences, and Tradeshows



In August, I had the opportunity to attend the IFE conference in Brisbane as part of the AFAC conference. The conference covered topics such as EV charging, risk of lithium-ion battery fires, and a discussion about hydrogen energy, its risk and mitigating strategies which was very insightful in this period of energy transition. In October, I attended the FPANZ Fire NZ exhibition and got to witness some new and existing products first-hand. Both conferences and exhibitions were a great opportunity for me to meet several ActivFire customers in person and catch up, while also listening to several panel discussions about the fire industry.

As part of the new witness testing requirements, I also travelled to USA in August to witness the fire performance test of a heavy vehicle suppression system to the new revision of AS 5062, while in November I travelled to Malaysia to witness the fire extinguishment test for a gaseous suppression system. Witnessing these tests provided a greater insight and understanding into the products listed with the ActivFire Scheme.

In the new year I will also be attending some upcoming tradeshows and visiting some of the customers of ActivFire. We will keep you posted regarding these visits.

Lastly, from all of us at ActivFire, we would like to wish you all a Merry Christmas, a Happy New Year, and Happy Lunar New Year to all those celebrating.

