



ActivFire® Advisory Note AN-017

Testing and Certification of Class A Valve Monitor to AS 4118.1.4-1994

This Advisory Note provides advice in relation to the testing and certification of Class A valve monitors to AS 4118.1.4-1994.

The established criteria for certification by CSIRO's ActivFire® Scheme of Class A valve monitors is AS 4118.1.4-1994. However, due to the obsolescence and withdrawal of test method Standards and the related unavailability of test capability worldwide, no products in the recent past have been evaluated for conformity to AS 4118.1.4-1994 and therefore certified.

Notwithstanding this situation, CSIRO's ActivFire® Scheme continues to receive applications for certification of Class A valve monitors to AS 4118.1.4-1994. To assist the industry, which needs a reliable pathway for testing and certification of valve monitors, CSIRO has developed CSIRO Technical Specification TS-021 which provides a pathway for certification to AS 4118.1.4-1994 by referring to modern and current test method standards in place of the withdrawn AS 2362 series of standards.

However, it is important to note that valve monitors meeting TS-021 cannot be certified as "Class A" devices due to the fact that AS 2118.1:2017 requires that Class A monitor valves exclusively comply with AS 4118.1.4-1994.

CSIRO will provide a further update on this topic throughout 2025 if and when the standardisation environment for this product category changes.

AN-017 V4 update

Section 14 of the Building Act 1993 of Victoria states that *"a person may apply, in accordance with the regulations, to the Building Regulations Advisory Committee or a prescribed person or body to have a building product accredited."* Therefore, to meet the requirements of Fire Rescue Victoria's Guideline 24 (GL-24) and AS 2118.1, accreditation of a valve monitor as a Class A device in Victoria may potentially be sought based on evidence of testing to TS-021 following an application by the Producer of the valve monitor to the Building Regulations Advisory Committee (BRAC).

More information on the process can be found here - <https://www.vba.vic.gov.au/about/building-regulations-advisory-committee/building-product-accreditation>.

In summary, to support an application by a Producer to BRAC for accreditation of a Class A monitor valve, CSIRO can conduct the testing provide ActivFire® Certification to CSIRO Technical Specification TS-021 and provide consulting services related the submission to BRAC.



Issuing Authorities

Kai Loh, Executive Officer, ActivFire Scheme – CSIRO Verification Services

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For further information

**ActivFire® Scheme / Fire Systems Laboratory
Infrastructure Technologies**

certification@csiro.au / conformity_services@csiro.au
research.csiro.au/infratech/