



Fire Testing as a Tool in Fire Safety Engineering: A Norwegian Perspective

A journal paper on the use of fire testing in fire safety engineering was recently published in *Fire and Materials*. The importance of fire testing is highlighted, and guidance is provided on how to plan non-standard tests for use in fire safety designs along with examples. Results show that fire tests have played an important role in fire safety engineering and can be used more in fire safety design.

Fire testing has long been used to assess the performance of building products and construction materials under fire exposure. While many results are available from fire tests in the literature, recommendations are rarely provided on how to perform non-standard fire tests, especially on the crucial planning step.

The experiences from an accredited fire lab on the planning of fire testing are discussed, and three specific examples of fire tests are presented to illustrate the concept applied in a Norwegian framework. The examples demonstrate that many construction projects can benefit from fire testing by way of fire performance evaluations that can lead to an improved design of construction details.

Link to more info

The paper is published under open access and can be freely downloaded here:

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