

17th January 2023

Warren Rochester
Director
Fire Rated Solutions PTY LTD
2 Goodier Place, Kenthurst, NSW, 2156

Dear Warren,

RE: Clause 10.4.1 of AS 2419.1 2021

Standards Australia Technical Committee FP-009 *Fire Hydrant Installations* have discussed your submitted query and they have provided the following response:

Question (condensed):

I am seeking clarification on Clause 10.4.1 of the new standard AS 2419.1:2021 as it has changed a word from Clause 8.7.4 of AS:2419.1—2005. This has been in the standard since 1994 as follows:

8.7.4 Fire Rating of pipework supports

Where pipework is likely to be exposed to a fire in a building that is not protected by sprinklers, then the pipe supports shall have a FRL not less than 60/-/-, while maintaining a pipe support temperature of not less than 500°C when tested in accordance with AS 1530.4 or other measures shall be taken to prevent its early collapse when exposed to fire.

The new code has omitted the 'not' and this makes a huge difference.

Is this a misprint? And if not when this is introduced there will be no solutions that are code compliant whether, they are a bracket like mine or a form of covering the existing supports.

FP-009 Response:

FP-009 have agreed that an editorial amendment to AS 2419.1:2021 is necessary to address the issue you have raised.

In relation to Clause 8.7.4 of AS 2419—2005 the committee determined that the provisions detailed excluded the use of a bracket that when tested in accordance with AS 1530.4 could maintain a pipe support temperature of less than 500°C. Conversely, Clause 10.4.1 of AS 2419:2021 has excluded the use of a bracket that when tested in accordance with AS 1530.4 could maintain a pipe support temperature greater than 500°C (such as your bracket).

To address the above anomalies the editorial amendment, when published, will allow for the use of either type of bracket (i.e. a bracket that can maintain a pipe support temperature above or below 500°C). To achieve this the future clause will no longer make reference to 500°C but will instead indicate that the pipe support is to achieve a Fire Resistance Level (FRL) of not less than 60/___/___ when tested in accordance with AS 1530.4 while being subjected to a load rating of not less than that detailed in Clause 10.2.1(b) of AS 2419—2021 or the equivalent in-situ load.

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The editorial Correction Amendment to update the Standard AS 2419.1 will be released in due course.

Yours sincerely

Brianna Scott
Project Manager
On behalf of FP-009 Technical Committee