

## Feed hydrant performance

Queensland Fire and Rescue (QFR) has received enquiries regarding whether an on-site feed hydrant system flow requirement could be augmented using an additional existing street hydrant. For example; Where an onsite system requires 10 L/s and due to water supply issues can only achieve 5 L/s, could the other 5 L/s come from an existing street hydrant?

The tables in Section 2 of AS 2419.1:2021 mandate the minimum requirements for the design and performance of fire hydrant installations. The standard requires a minimum of 10 L/s to flow from each required feed hydrant outlet, regardless of location.

The required flow rates are aligned to the perceived risk of the building type and floor area. QFR considers a reduction in available flow from the onsite hydrant system would have a significant impact on the ability of firefighters to contain and extinguish a fire.