



FIRE SYSTEMS [2.19] SUBMITTAL FORM

Project Name

Measure

The Fire Test Water system includes provisions to capture, store and reuse fire system test water or use a fire protection system so that no water is expelled during any testing.

Mandatory Requirement

Points Available 1

Points Claimed

Sign-off: Pre-contract Design Stage

- ☐ By ticking this box the project team confirms the Pre-contract design stage meets the requirements of the measure and details are provided in this form.

Project Team Representative

Signature

Name (print)

Date

Campus Infrastructure Services Sustainability Representative

Signature

Name (print)

Date

Sign-off: As-built Stage - to be completed at Practical Completion of Project

- ☐ By ticking this box the project team confirms the design and associated calculations as completed meets the requirements of this initiative

Project Team As-built Sign-off

Signature

Name (print)

Date

Campus Infrastructure Services Sustainability Representative

Signature

Name (print)

Date

1.0 Pre-Contract Design Stage - Fire Systems

Describe the systems involved in the Fire Test Water provided for the building

1.1 Storage Provisions

Confirm the storage provisions provided for the system for each fire test

Fire Test	Method of Storage	Capacity (L)	Water Captured Yes or No
Combined Hydrant and Sprinkler Electric booster pump			
Combined Hydrant and Sprinkler Diesel booster pump			
Sprinkler solenoid test drains			
Fire Hose Reel			
Other - please list			
Other - please list			

1.2 Testing Procedures

Describe the Fire Test Water System testing procedures

Does the Fire Test Water System interface with the Rainwater Collection System?

If so provide details below and confirm how the rainwater tank has been sized to accomodates fire test water

1.3 Fire Test Water Summary Calculation

Complete table below as required for all relevant entries:

Fire Test	Summary Description of Fire Test	Total Water Volume in Test (L)	Volume of Water Captured (L)	Volume of Water Expelled to Sewer (L)	Frequency of Test	Storage Device Used
Combined Hydrant and Sprinkler Electric booster pump						
Combined Hydrant and Sprinkler Diesel booster pump						
Sprinkler solenoid test drains						
Fire Hose Reel						
Other Please List						
Other Please List						
Totals						

Does the Fire Test Water System recover 100% of Fire Test Water?

If not provide reasoning below

1.4 Reference Documents

Provide the following reference documents as part of the Pre-Contract sign-off:

- ☐ Fire Design drawings and schematic that shows recirculation and storage provided
- ☐ Hydraulic Design schematic that shows any systems related to the fire testing
- ☐ Hydraulic Rainwater calculations where relevant to storage systems to be installed

2.0 As-Built Stage - Fire Systems

Does the INSTALLED Fire Test Water System meet the provisions as listed above?

If not provide details of any deviations below and provide updated test methods, calculations etc that apply for the final system

2.1 Reference Documents

Provide the following reference documents as part of the As-built signoff:

- ☐ Fire As-built drawings and schematic that shows recirculation and storage provided
- ☐ Hydraulic As-built schematic that shows any systems related to the fire testing
- ☐ Hydraulic Rainwater calculations where relevant to storage systems to be installed