



ASSURED FIRE PROTECTION

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Test Report on Fire Sprinkler Systems

**Assisi Aged Care
230 Rosanna Road, Rosanna**

The Fire Sprinkler System for Assisi Aged Care, Stage 3 was installed to Australian Standards AS2118.4 - Residential.

- The Sprinkler System has been installed using Roll Groove and Threaded pipe joints.
- Stage 3 is interconnected with stage 2 and the existing sprinkled building to the south
- The main pipe connecting the sprinkler system to the Fire Sprinkler Control Valve was installed by the Hydraulic contractor.
- The Sprinkler System is connected to the existing set of Fire Control Valves (100mm)
- The Sprinkler System was tested with compressed air, holding for 4 hours at 150 Kpa.
- Once tested with air, water was put into the sprinkler system; town's main pressure was @ 700 Kpa.
- The Fire Sprinkler System was flushed out thru a temporary remote test valve located on the South East balcony.
- Town's main pressure was left in the pipework for two day before the sprinkler system was pumped up with the jacking pump to 1050 Kpa.
- The sprinkler system was left under full pressure for another two days before works recommenced on the sprinkler system.
- Minor leaks were spotted and fixed during this time.
- A flow test was completed during the independent certification inspection at the Fire Sprinkler Control Valves.
- Flow test data has been included in O&M Manual.

Yours Sincerely

**Robert Costello
Director
Assured Fire Protection**