



Weir Flow – 4 L/s (25mm)



Orifice Flow – 6 L/s (30mm)

Observation Comments:

- Flow rates from 0-4.0 L/s (25mm Head) produced a linear characteristic.
- At 5.0 L/s the weir flow transitioned to vortex flow, cycling between vortex and surcharged flow characterised by the water level fluctuating 10mm.
- Flowrates between 6.0-12.0 L/s produced surcharged flow conditions with the water head rising rapidly to 80mm.
- The maximum flow limit to maintain weir flow conditions is 4.0 L/s.

I hereby certify that the test results presented on this outlet performance certificate are true and correct and were obtained using recognised AHSCA Gutter Outlet Testing procedures.

Dr Terry Lucke,
Chief Researcher:



Mark Alexander,
AHSCA Foundation Chairman:



Date: 16th November 2016

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