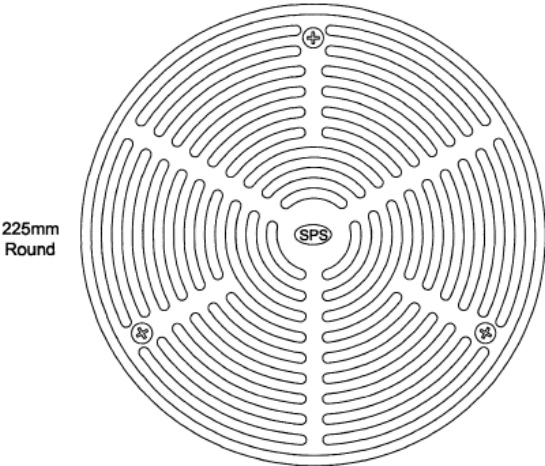
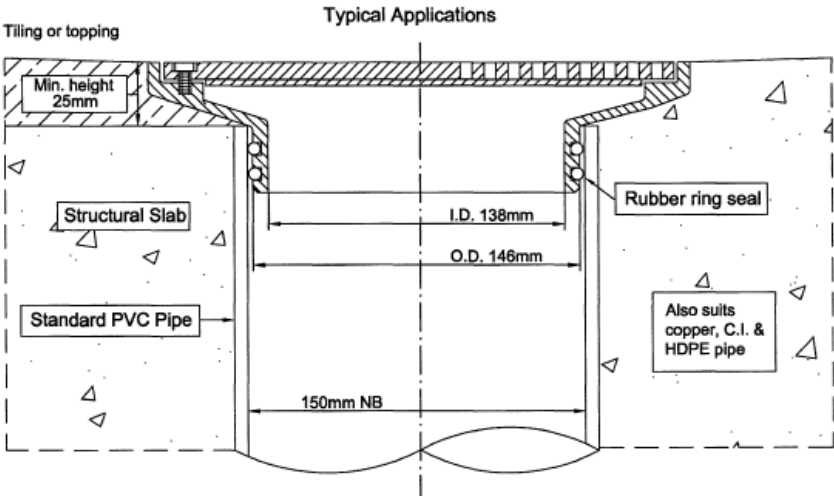
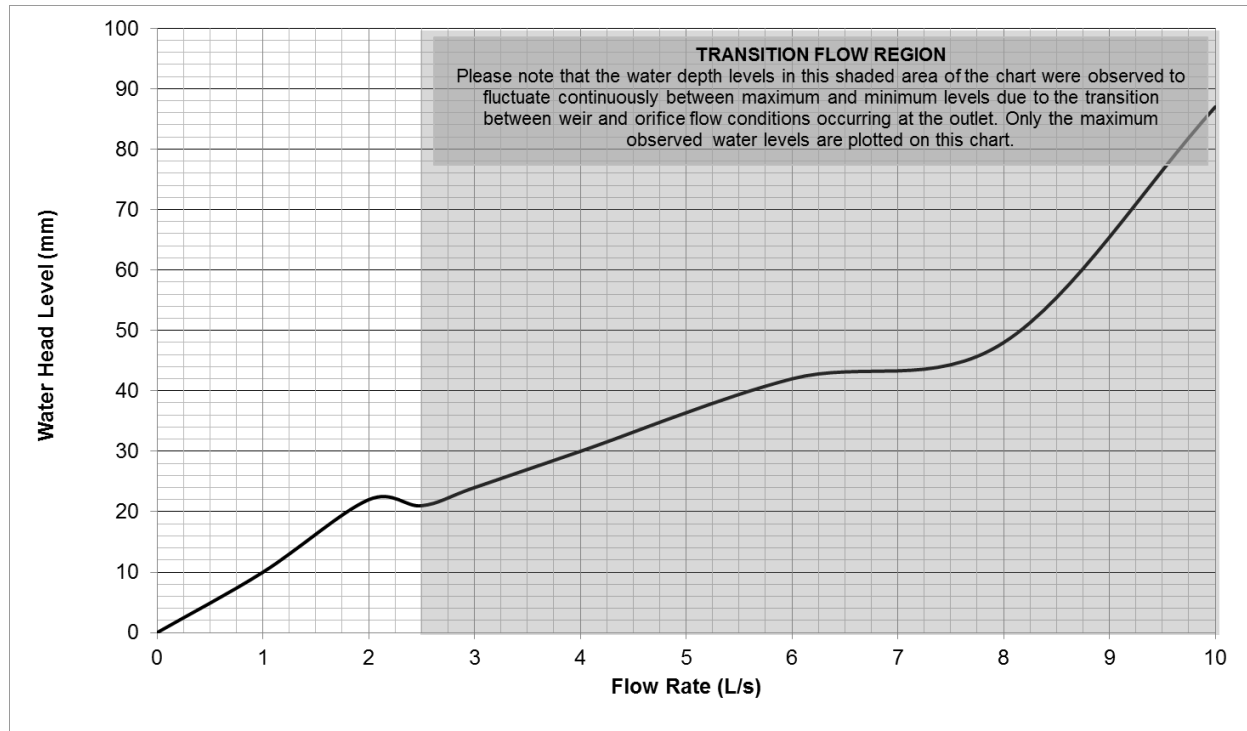


OUTLET PERFORMANCE CERTIFICATE ID: SPS009 – Q225/150SR4

Test Results		ID: SPS009
Description	SPS Push In Floor Drain	
Drain Type	225mm Round	
Model	R225/150SR4	
Outlet Size	150NB	
Test Date	27/09/2016	
Grate Drawing	 <p>225mm Round</p> <p>SPS Catalogue Ref: 2.22</p>	
Housing Drawing	 <p>Typical Applications</p> <p>Tiling or topping</p> <p>Min. height 25mm</p> <p>Structural Slab</p> <p>Standard PVC Pipe</p> <p>I.D. 138mm</p> <p>O.D. 146mm</p> <p>Rubber ring seal</p> <p>Also suits copper, C.I. & HDPE pipe</p> <p>150mm NB</p>	
Drain Pipe Configuration	Standard pipe configuration as shown in AHSCA test procedure. 5mm O-ring seal at pipe connection.	

Flow Characteristic Curve – Q225/150SR4



Weir Flow – 2.5 L/s (20mm)



Surcharged Flow – 6 L/s (40mm)

Observation Comments:

- Flow rates from 0-2.0 L/s (20mm Head) produced a linear characteristic curve which began to flatten at 2.5 L/s.
- At 3.0-4.0 L/s the weir flow transitioned to vortex flow, cycling between vortex and surcharged flow characterised by the water level fluctuating 5mm.
- Flowrates between 5-10 L/s produced surcharged flow conditions with the water head rising rapidly to 90mm.
- The maximum flow limit to maintain weir flow conditions is 2.5 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

Date: 16th November 2016