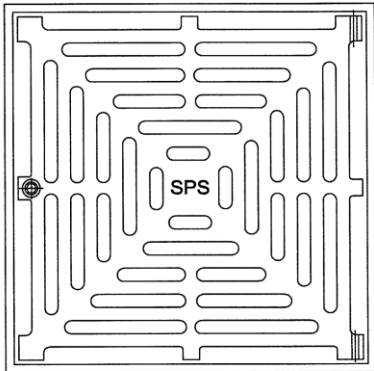
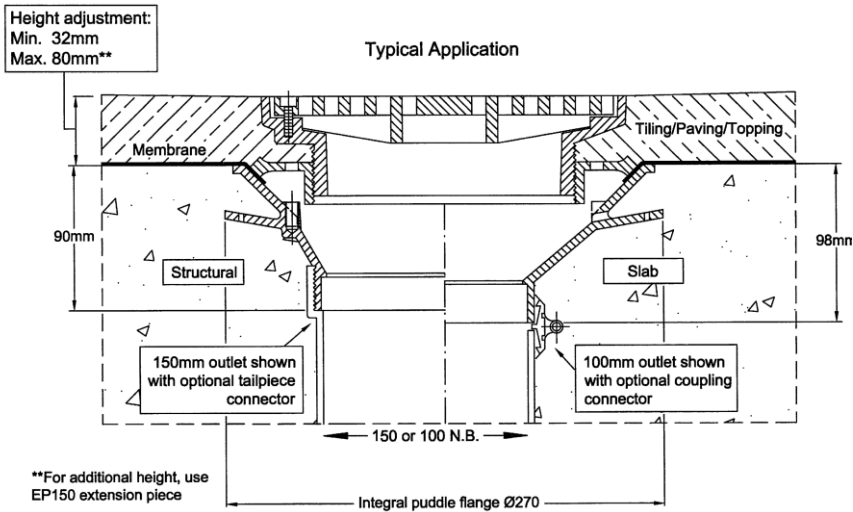
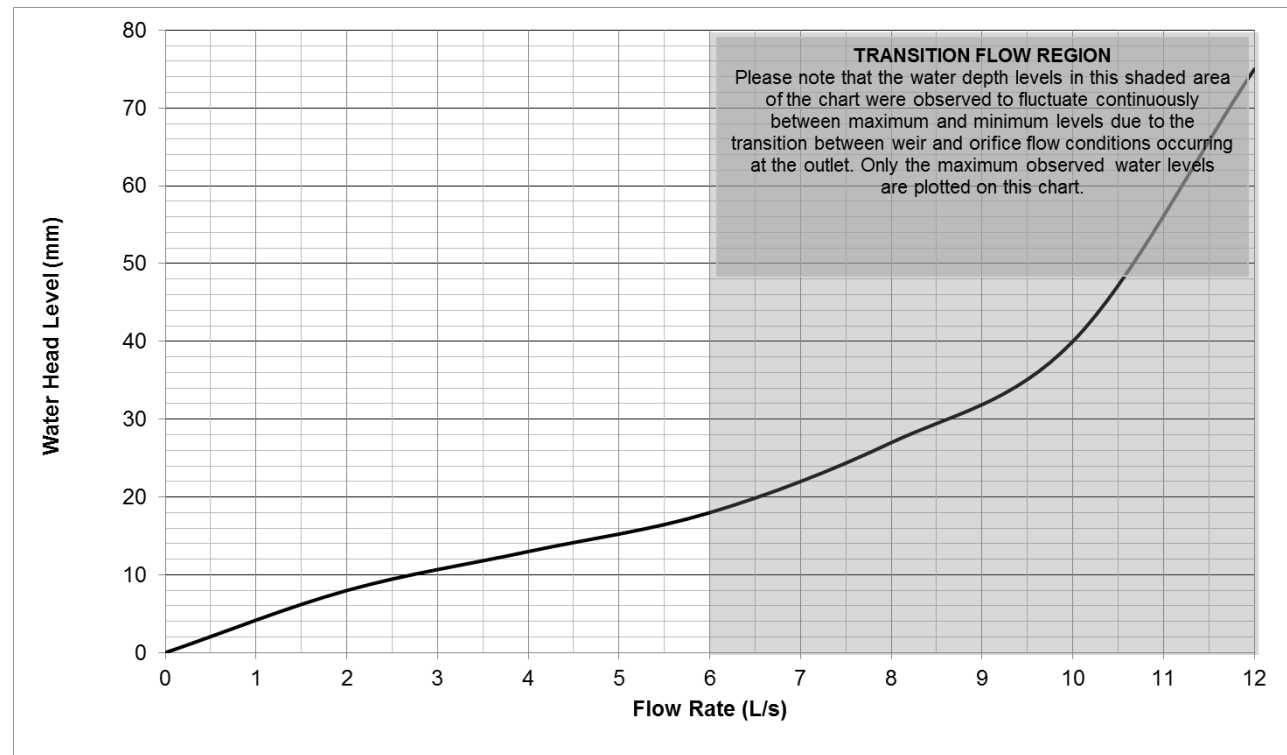


OUTLET PERFORMANCE CERTIFICATE ID: SPS017 – Q225S/C150

Test Results		ID: SPS017
Description	SPS Vari-Level Vertical Drain	
Drain Type	225mm Square	
Model	Q225S/C150	
Outlet Size	150NB	
Test Date	06/10/2016	
Grate Drawing	<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="text-align: center;">  <p>225mm Square</p> </div> <div style="font-size: small;"> <ul style="list-style-type: none"> Height-adjustable hinged grate & frame. Grate assembly available in nickel-bronze, high-tensile aluminium bronze, and 316 stainless steel. 150mm or 100mm Truflo lower body with reversible clamp collar. </div> </div> <p style="text-align: center; margin-top: 10px;">SPS Catalogue Ref: 3.18</p>	
Housing Drawing	<div style="text-align: center;">  <p style="text-align: center;">Typical Application</p> <p style="text-align: center; font-size: x-small;">**For additional height, use EP150 extension piece</p> </div>	
Drain Pipe Configuration	<p>Standard pipe configuration as shown in AHSCA test procedure.</p> <p>Truflo Vari-level drain body with CC100 Clamp Collar. Threaded 150NB tail piece connection.</p>	

Flow Characteristic Curve – Q225S/C150



Weir Flow – 6 L/s (18mm)



Surcharged Flow – 10 L/s (40mm)

Observation Comments:

- Flow rates from 0-6.0 L/s (18mm Head) produced a linear characteristic curve which began to level out at 8.0 L/s.
- At 8.0 L/s the weir flow transitioned to vortex flow, cycling between vortex and surcharged flow.
- At 10.0 – 14.0 L/s the flow surcharged with the water head rising to rapidly to 75mm.
- The maximum flow limit to maintain weir flow conditions is 6.0 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

Date: 16th November 2016