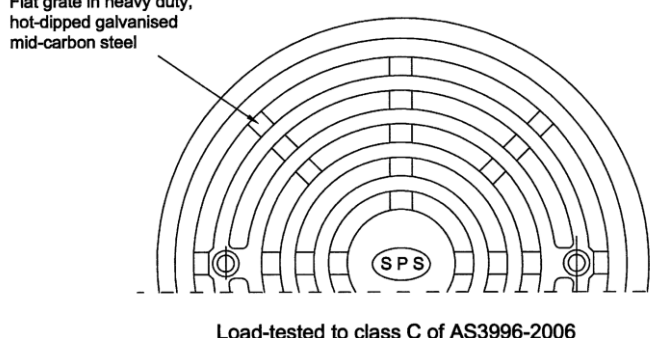
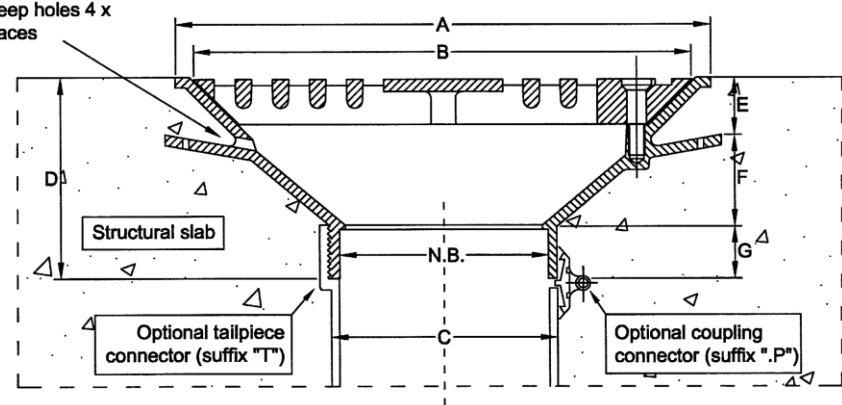
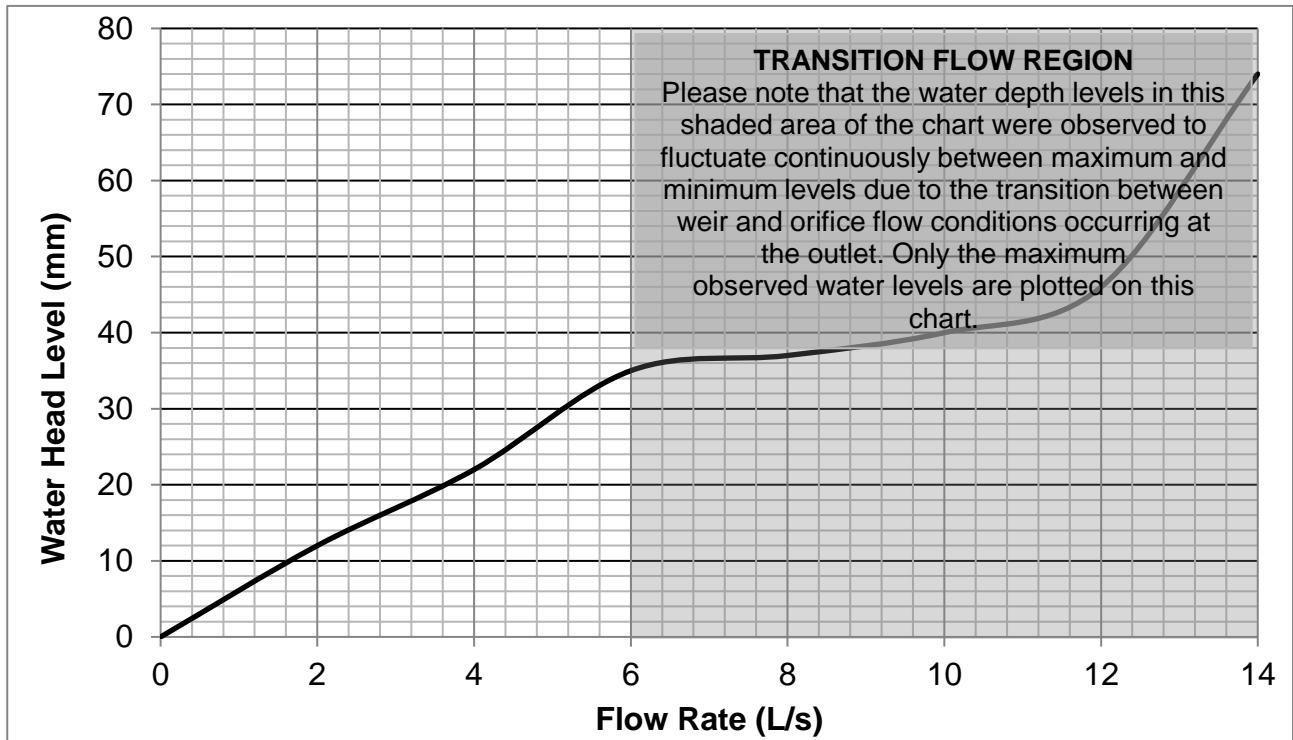


**OUTLET PERFORMANCE CERTIFICATE ID: SPS026 – TIA150F**

Test Results		ID: SPS026
<b>Description</b>	SPS Truflo RWO	
<b>Drain Type</b>	Class C Heavy Duty Flat Grate	
<b>Model</b>	TIA150F	
<b>Outlet Size</b>	150NB	
<b>Test Date</b>	22/09/2016	
<b>Grate Drawing</b>	<p>Flat grate in heavy duty, hot-dipped galvanised mid-carbon steel</p>  <p>Load-tested to class C of AS3996-2006</p> <p>SPS Catalogue Ref: 1.02</p>	
<b>Housing Drawing</b>	<p>Integral puddle flange with weep holes 4 x places</p>  <p>Structural slab</p> <p>Optional tailpiece connector (suffix "T")</p> <p>Optional coupling connector (suffix "P")</p>	
<b>Drain Pipe Configuration</b>	Standard pipe configuration as shown in figures 3-6 of test procedure. Threaded tail piece connector.	

**Flow Characteristic Curve – TIA150F**



Weir Flow 6.0 L/s (35mm)



Orifice flow 10 L/s (40mm)

**Observation Comments:**

- Flow rates from 0-6.0 L/s (35mm Head) produced a linear characteristic curve with stable water head levels
- 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 characterised by the water level fluctuating 10 – 20 mm.
- 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: 16<sup>th</sup> November 2016

Date: 16<sup>th</sup> November 2016