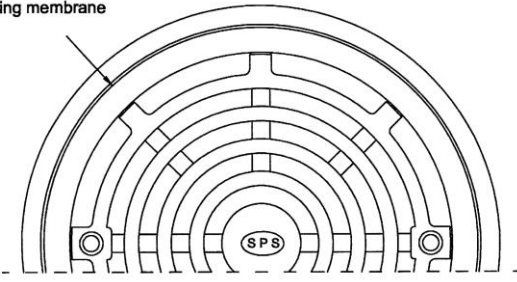
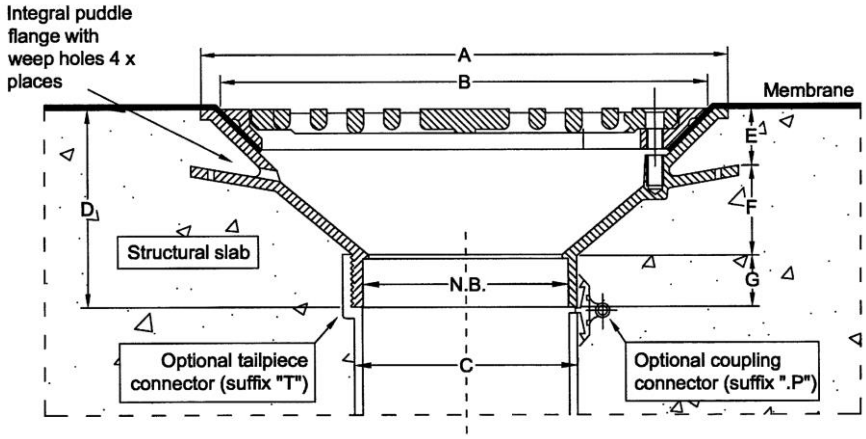
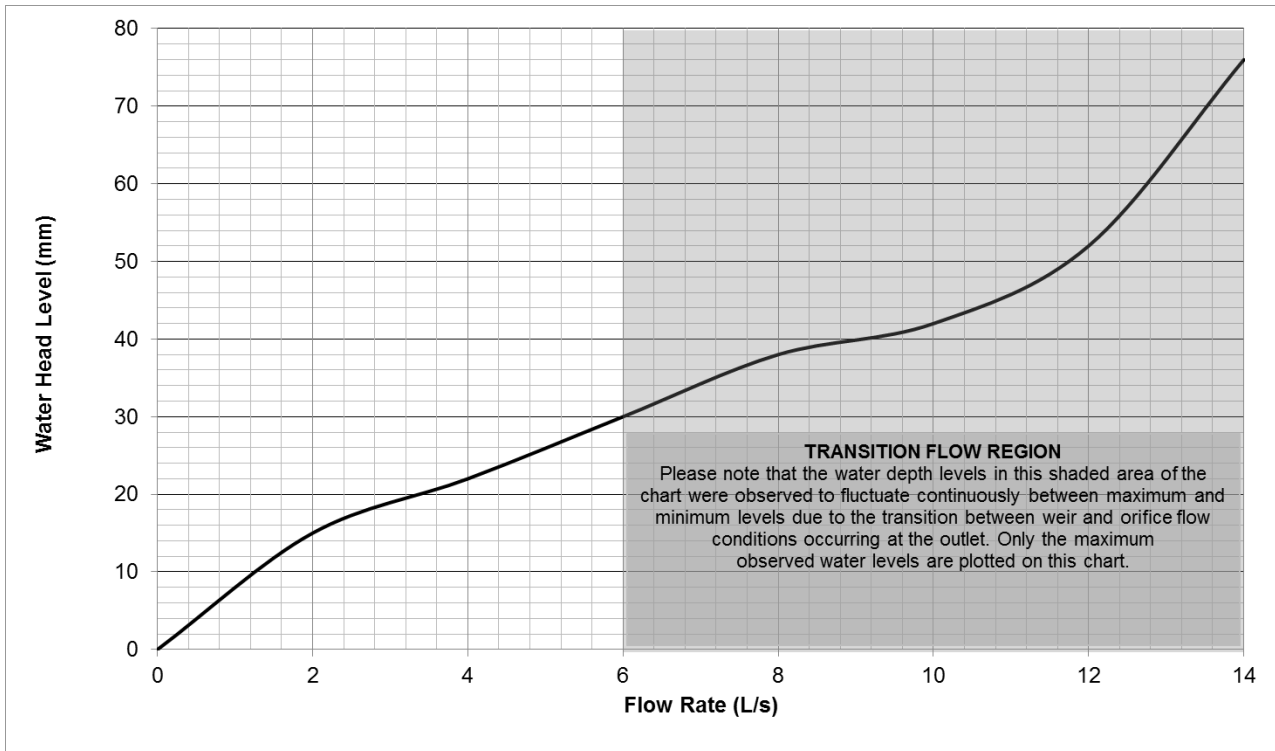


OUTLET PERFORMANCE CERTIFICATE ID: SPS024 – TIA150F2

Test Results		ID: SPS024
Description	SPS Truflo RWO	
Drain Type	Flat Grate and Membrane Clamp	
Model	TIA150F2	
Outlet Size	150NB	
Test Date	22/09/2016	
Grate Drawing	<p>Membrane ring fastens to body independently of grate to allow access to sump without breaking membrane seal.</p>  <p style="text-align: center;">SPS Catalogue Ref: 1.03</p>	
Housing Drawing		
Drain Pipe Configuration	Standard pipe configuration as shown in AHSCA test procedure. Threaded tail piece connector.	

Flow Characteristic Curve – TIA150F2



Weir Flow 6 L/s (30mm)



Surcharged Flow 10 L/s (40mm)

Observation Comments:

- Flow rates from 0-6.0 L/s (30mm 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 - 20mm.
- 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