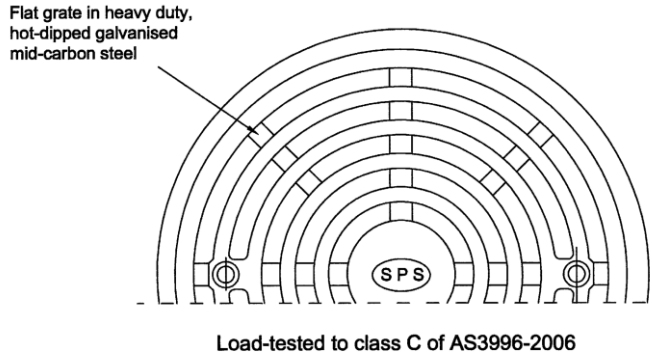


OUTLET PERFORMANCE CERTIFICATE ID: SPS023 – TIA100F

Test Results ID: SPS023

Description	SPS Truflo RWO
Drain Type	Class C Heavy Duty Flat Grate
Model	TIA100F
Outlet Size	100 NB
Test Date	15/09/2016

Grate Drawing



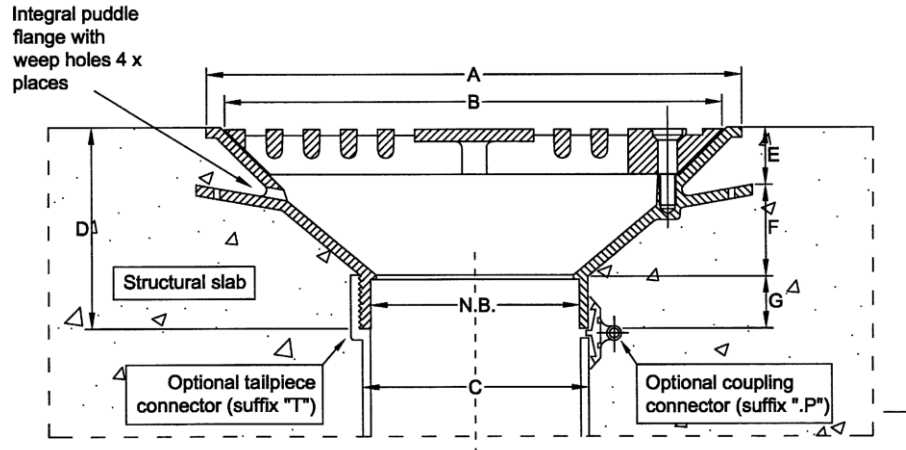
Flat grate in heavy duty, hot-dipped galvanised mid-carbon steel

SPS

Load-tested to class C of AS3996-2006

SPS Catalogue Ref: 1.02

Housing Drawing



Integral puddle flange with weep holes 4 x places

Structural slab

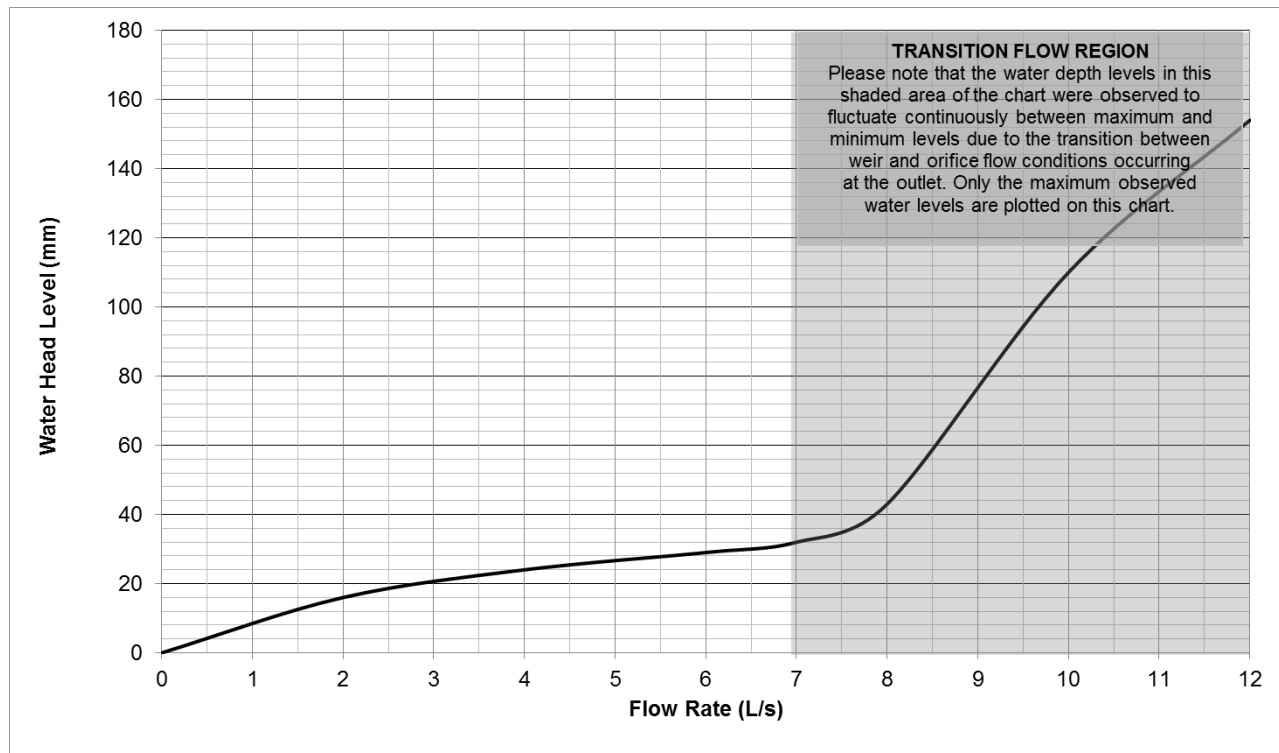
Optional tailpiece connector (suffix "T")

Optional coupling connector (suffix "P")

A, B, C, D, E, F, G, N.B.

Drain Pipe Configuration	Standard pipe configuration as shown in AHSCA test procedure. Threaded tail piece connector.
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Flow Characteristic Curve – TIA100F



Weir Flow – 7 L/s (30mm)

Observation Comments:

- Flow rates from 0-7.0 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 characterised by the water level fluctuating 10mm.
- At 10.0 – 14.0 L/s the flow surcharged with the water head fluctuating 30mm.
- The maximum flow limit to maintain weir flow conditions is 7.0 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