

Project No.:

Date: dd-mm-yyyy

Proposer

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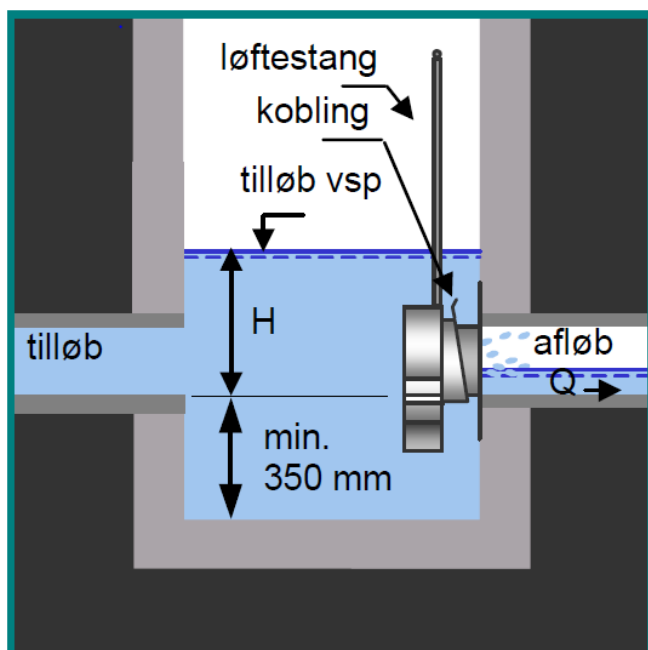
Date Quick Scan : XX

Previous Verification:Previous Verification performed: No Yes, date:**Description Technology – technical documentation**

Vortex Regulator uses geometry and gravity to drive the water into a vortex and thereby restrict the flow of the water.

The regulators have no moving parts and provide a constant large orifice opening at all water levels.

The CEV operates with flows from 0.2 l/s to 200 l/s



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Sketch of technology

Provided documents:

- Installation Instruction
- Maintenance and Inspection Instructions
- Design curves (Q versus H) for selected CEV models and curve with no CEV

Intended application of the technology

Matrix:

Storm water

Purpose:

Reliable, effective and simple throttling of storm water.

Initial performance claim

X% model: X% of $Q_{\text{design}} \pm 5\%$ is met at H_{bump} , $Q_{\text{design}} \pm 5\%$ is met at H_{design}

Flow reduction at H_{design} is 450% for a 100% model and 400% for a 73% model

Graphs related to claims are attached to Quick Scan.

- Description/principles clear..... : Yes No:
- Declared performances described..... : Yes No:
- Innovative technology..... : Yes No:
- Ready-to-market : Yes No:
- Prototype in advanced stage of development.... : Yes No:

Remarks out of Quick Scan to be considered:

No third party data exist

The CEV can be designed in different sizes corresponding to different outflow and well heights, for the testing shall be selected a few e.g. 3-4 CEV models representing the common application range.

Verification body:

Name : Peter Fritzel

Date : XXX

ETV

Verification Proposal



Project No.:

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