



National/scandinavian requirements for septic tanks

Small wastewater treatment systems < 50 PT – Part 1 and part 4, Prefabricated septic tanks EN 12566-1 and Septic tanks assembled in situ from prefabricated kits EN 12566-4, are **harmonized**, which makes it mandatory for a manufacturer to fulfil the requirements of the standards to ce-mark the septic tank otherwise it could not be sold in most of the EU-countries. For the manufacturer there are still problems since many relevant requirements are left open in the standards and left to the different countries.

Sweden has since 1982 had standards with functional requirements and local authorities approves the use of the septic tank. Specific requirements are

- hydraulic test result (5 g)
- height difference between inlet and outlet (>100 mm)

Denmark has a lot of septic tanks that not even fulfil old requirements and nobody controls them. From 2011 there are new requirements:

- The result from the hydraulic test shall be max 5 g.
- Extension shafts of min. 500 mm up to 6 m³ and 780 mm for tanks over 6 (*contradicts requirements in the standards*)
- Structural behaviour: groundwater table at ground level and depth of outlet 1,5 meter under ground level
- Level between inlet and outlet 50-100 mm
- Dividing plates in the tank must be 200 mm above water level

Initial type testing is a task for a notified test laboratory.