

Marine fish farms - Requirements for site survey, risk analyses, design, dimensioning, production, installation and operation

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| Country: | Norway |
| Level: | National |
| Topics addressed: | Public Policy, Legislation |

Summary:

The purpose of the standard is to reduce the risk of escape as a result of technical failure and wrong use of marine fish farms. The standard sets requirements regarding design of marine fish farms and how it shall be documented, including calculation and planning rules. The standard gives parameters which shall be used to indicate the condition of the site.

Requirements regarding design include requirements for all main components of marine fish farms, such as net pens, floating collars and rafts as well as requirements for functionality of the marine fish farm as a whole, including any extra equipment. A description is given of how marine fish farms shall be placed based on the site conditions at the given site. The Standard also sets requirements as to how marine fish farms shall be operated in order to be acceptably escape-proof.

Background:

Escaping salmon from fish farms has been a problem. Escapes are an economic problem, environmental problem and a threat to the wild salmon population.

It is national regulation in the area, and the standard provides more technical specifications.

Results and Impact:

- Easier way to design the regulations for fish farms
- Reduced escapes of fish
- Economical savings in fewer escapes
- Less danger to the wild salmon strain
- Improved reputation by the industry taking environmental responsibility

Challenges and lessons learned:

Important with close and good cooperation with the authority in the area, so that regulations can be more function-based and the standard can provide more technical requirements (methods and execution)

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