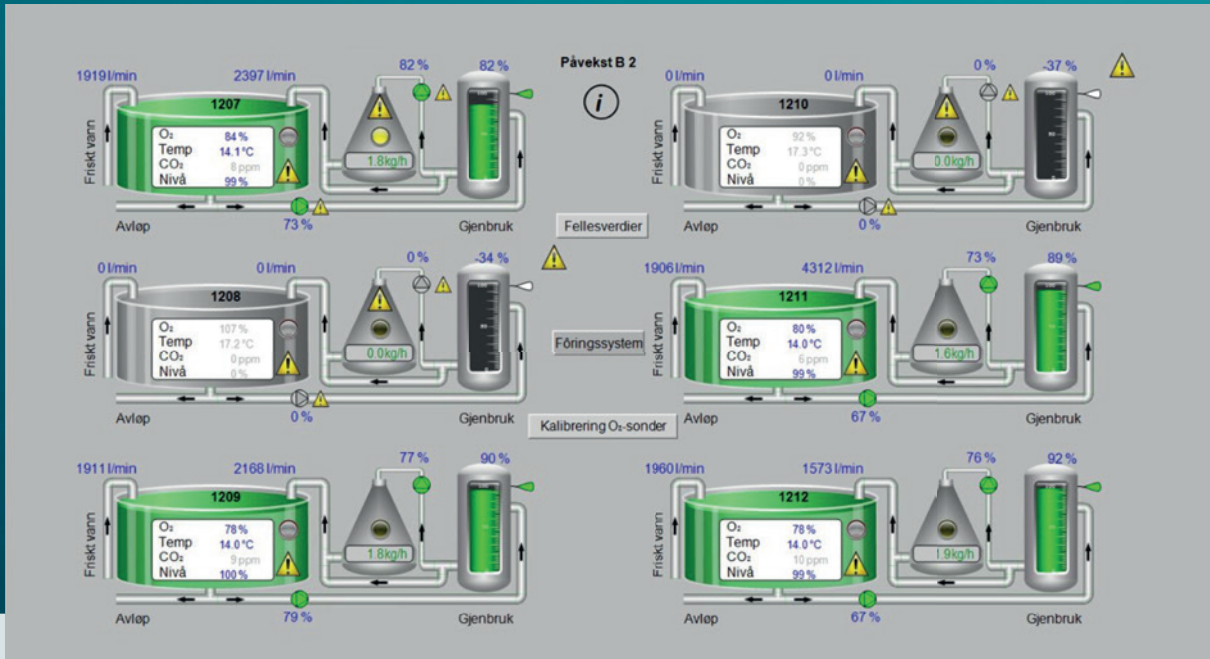


Automation

Automatic process control solutions and measuring instruments for most applications



Example of flow, oxygen and CO₂ control

A process control system that ensures good and secure control of the facility is essential. We deliver equipment and services to meet the requirement of onshore facilities. We have delivered automatic process control systems to many of today's most advanced smolt facilities.

AUTOMATION/PROCESS CONTROL AND MONITORING

- Low risk
- Quick detection of deviations
- Secures values
- Reduces losses
- Modern solutions and technology
- Industrial accredited PLS systems
- SMS notification
- Measured values and trends
- Alarm history
- Well-presented
- User friendly
- Better fish welfare

Process control and monitoring

SERVICES

Oxygen control

The oxygen control system was developed with the focus on reliable operation and alarm response. The system ensures stable oxygen saturation in the tank at all times. We offer a PLC-based system with touch-screen control. This enables easy retrieval of measured values, alarm status and trends when moving around the facility. Options for being alerted by warning lights, siren, telephone or text message. The control system comes with overvoltage protection and a spare battery as standard.

Level control in aerators

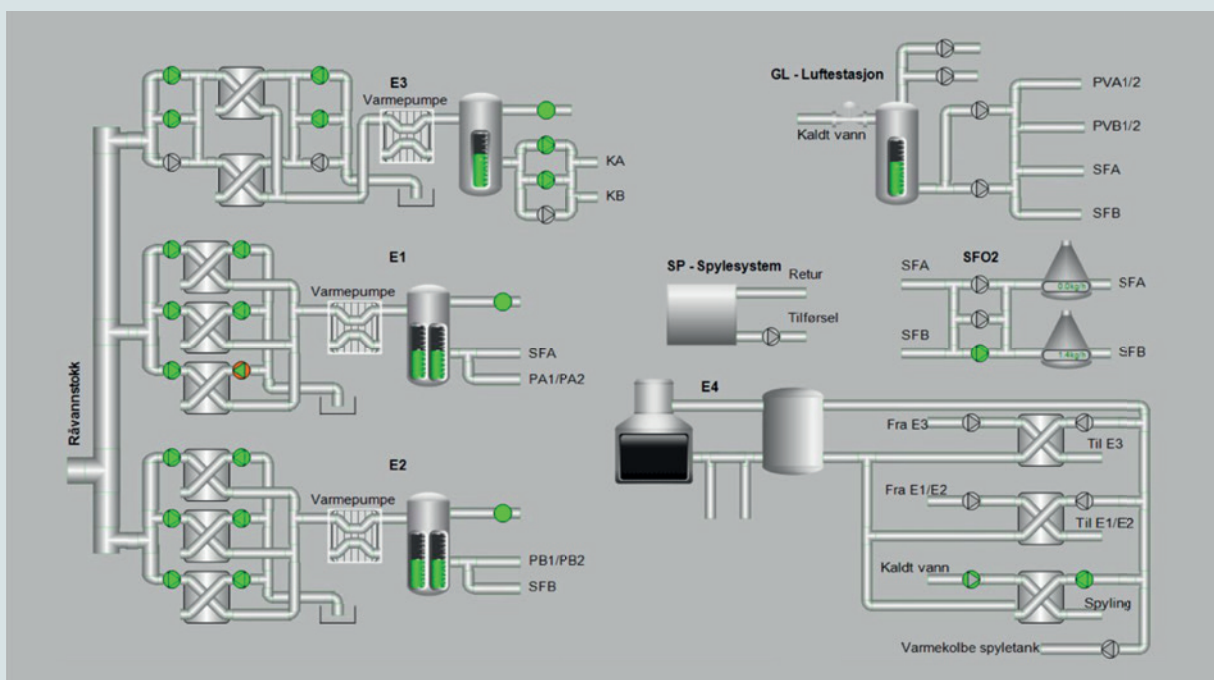
Our automatic control system regulates the water level and maintains underpressure in the aerator by means of frequency-controlled pumps and sensors. The level is calculated in PLS or in the water pump's frequency converter, giving a correct level inside the aerator at all times, regardless of the water flow.

Alarm panel/remote control system

We can provide customised alarm panels for monitoring and alerting of conditions at the facility. The alarm panel can monitor different types of operational parameters such as temperature, pressure, level and flow. The user can define the respective triggering points based on name, alarm limits and measurement unit. At facilities where we also deliver other PLC systems, the alarm panel can be configured to monitor measuring points that are linked to those systems.

Monitoring from a computer

We offer operators a computer interface that communicates with PLS systems. The operator can check alarms and trends, and remotely control the system as needed. Both PCs and mobile devices can be used.



Exsample of heating system