

### Norske Shell-Draugen

Location : Kristiansund

Period : 2016-2018



Client : Aibel, Kristiansund

Field of application : Flow Diesel Refurbishment

The gas production at Draugen is declining and it is expected to be a shortage of gas used for electrical production. The current philosophy is to use diesel as a replacement for fuel gas for the Generator Turbines (GT) and the Produced water Re-injection Pumps (PWRI). All the turbines have the possibility to run on either gas or diesel. The diesel system feeding the three GT's and the two PWRI's was originally designed as a backup system and emergency system, and is not suitable for continuous operation.



- Clamp on Ultrasonic Meter



### Håland Instrumentering AS responsibilities and deliveries

- Part of the study and recommendation
- Selection of the best application technology
- Startup Assistance (offshore)
- Survey...speed of sound detection of diesel
- As built documentation



Related lifetime extension services from Håland Instrumentering AS

- Fire & Gas Field Equipment
- Valve upgrade
- Level & Flow upgrade