

Mator News

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Provider of innovative consultancy services in **gas/oil/water/solids separation technology**

Verification of technology selection, process design and vendor follow-up often requires specialist assistance

Process modifications increase in number and complexity. To ensure that functional and regulatory specifications are met, the engagement of process specialists is needed in modification and new-build projects during concept studies, basic and detail engineering, and EPC/EPCI follow-up.

Typical tasks are:

- **Verify whether a given concept solution is technically feasible.**
- **Verify whether best available technology is used.**
- **Verify whether functional and formal (NPD, Norsok, API...) requirements are fulfilled.**
- **Verify which vendor is offering the overall best solution.**
- **Verify whether process guarantees are likely to be fulfilled.**

- **Vendor follow-up.**
- **Documentation review.**

The task can be to review the entire process design, or be broken down to focus upon components such as cyclones, vessels or internals.

Having participated in primary separation, gas handling and water treatment related issues world wide over a number of years, MATOR has gained specialist experience needed for the described tasks. We are more often engaged in modification projects, both from oil companies, process and engineering companies, contractors, and fabricators.

And unlike many other process specialists MATOR is an **independent company** regards to technology, clients, and vendors.

The independency, as well as the operational experience from almost all different technologies used in the oil industry, is of great value also when doing process design.



Recent Mator projects:

- ◆ **Statoil Heidrun:** Verification of separators conditions and baseline
- ◆ **Kanfa:** Process proposal to meet 5 mg/l OiW discharge target
- ◆ **ConocoPhillips:** Verification of design and vendor follow-up
- ◆ **Statoil Snorre A:** Produced water baseline and optimization

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