

Job closing report

Phase 1 report ☐

Final report ☒

cc: HET, BSC, JNG, HUL, JNK, NKN, ANS, PTN, SGK, INJ, MOL, project file

Approved:

Information contained herein is confidential; it may not be used for any purpose other than for which it has been issued, and may not be used by or disclosed to third parties without written approval of Haldor Topsoe A/S.

RESEARCH | TECHNOLOGY | CATALYSTS

Client's name and address

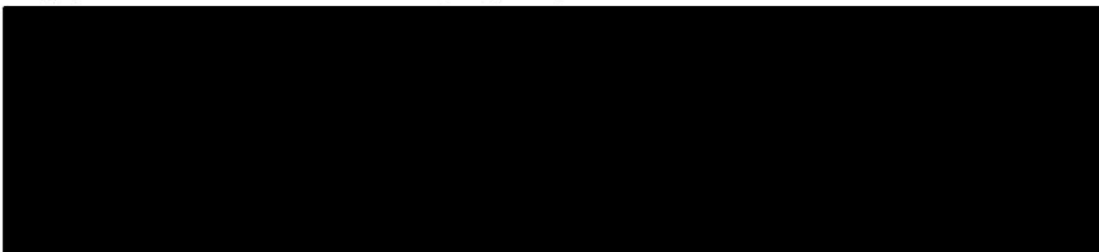
Topsøe's scope of supply

- | | | | |
|--|-------------------------------------|--|--|
| ☒ Basic engineering | ☐ Equipment | ☐ License | ☐ Training |
| ☒ Detailed engineering | ☐ Inspection | ☐ Commissioning | ☐ Study |
| ☒ Purchasing | ☐ Expediting | ☐ Construction | ☒ Partial BEP only |

Project supervisor: HUL

Project manager: JPH

Key personnel and manhours (mh) for job



Original Budget is taken from the split of work document issued at project start.

Control / Forecast and Actual are SAP figures.

It should be noted that SAP included both phase A and B of the project.

Income (amount in 1000 DKK)

	Engineering	Hardware	License	Other	Total
Original budget					
Control budget					
Forecast					
Actual					

Costs (amount in 1000 DKK)

	Man-hours	Hardware	License	Travel	Other	Total
Original budget						
Control budget						
Forecast						
Actual						

Man-hours and hardware must include contingency and overhead.

Contribution

	Contribution of total revenue, DKK (*1000DKK)	Contribution in %	Contribution per man-hour, DKK
Original budget			
Control budget			
Forecast			
Actual			

Contribution in %: Contribution of total revenue divided by total income.

Contribution per man-hour: Contribution of total revenue divided by number of man-hours.

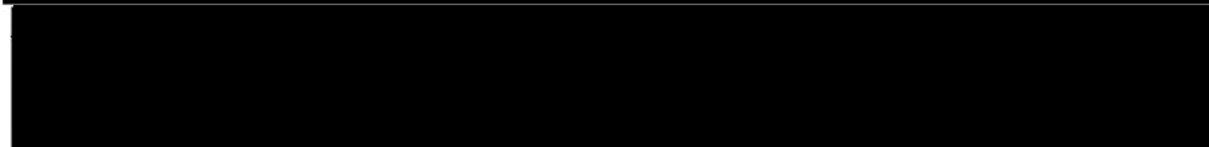
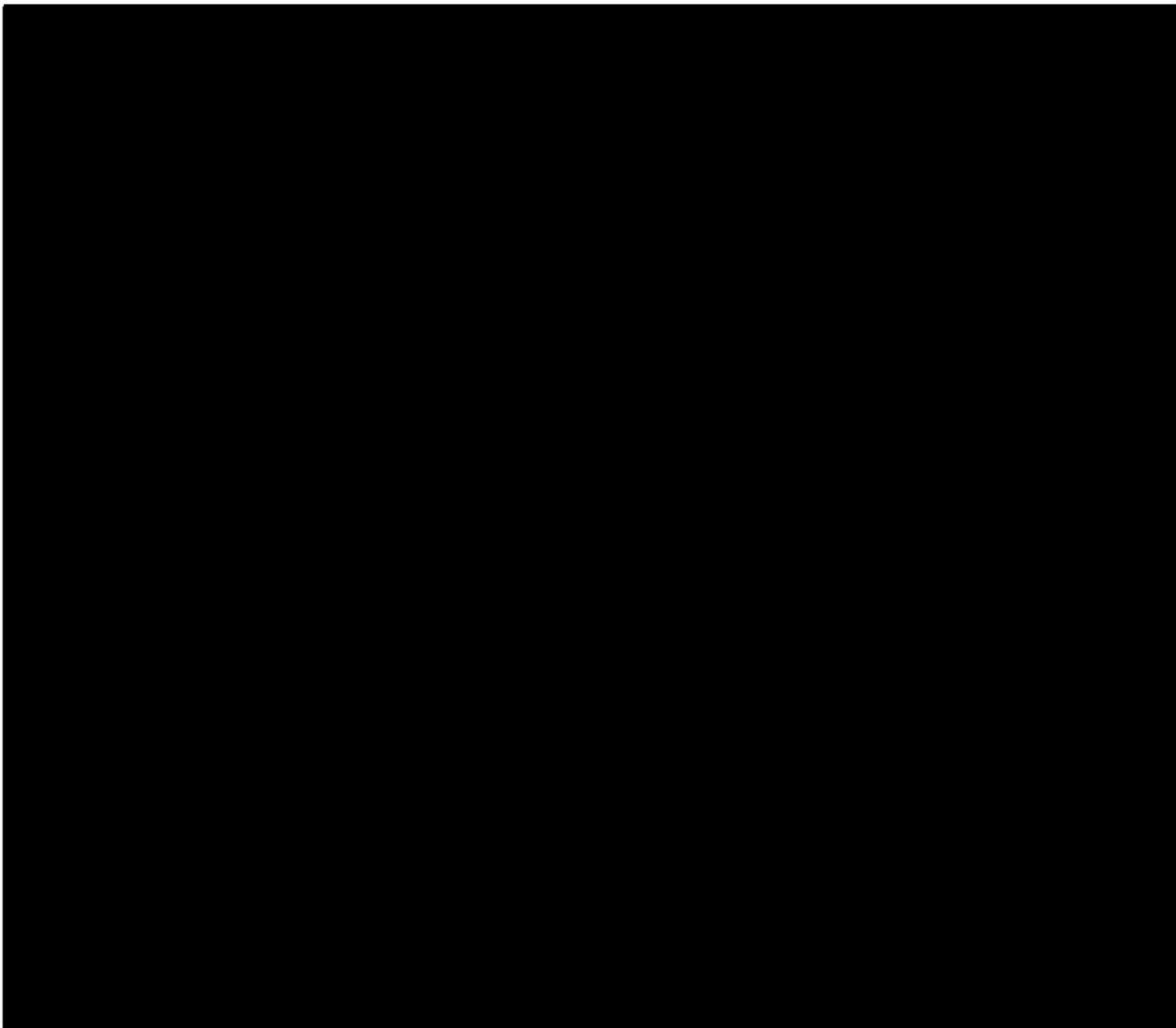
Time schedule

Major milestone events	Early work contract	Phase A start	Phase A finish	Phase B start	Phase B finish
Original schedule					
Forecast					
Actual					

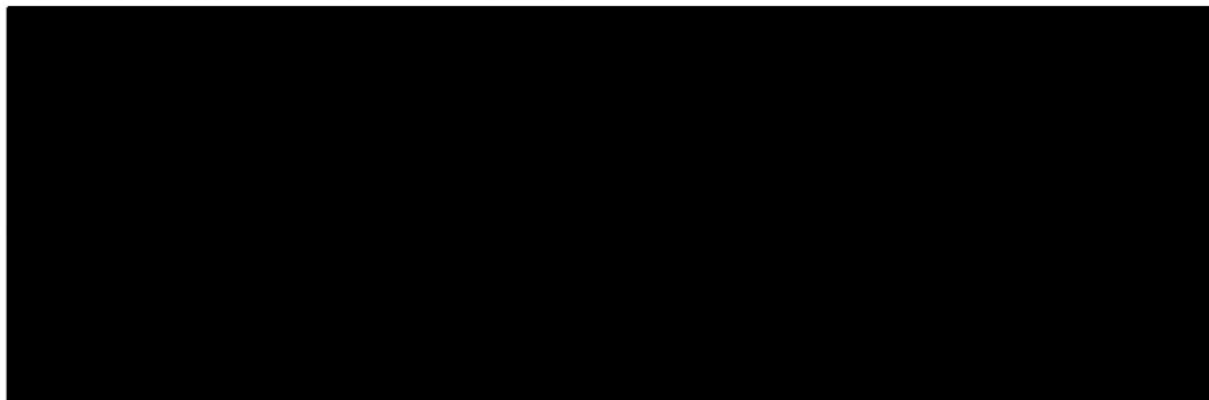
General note to this closing report

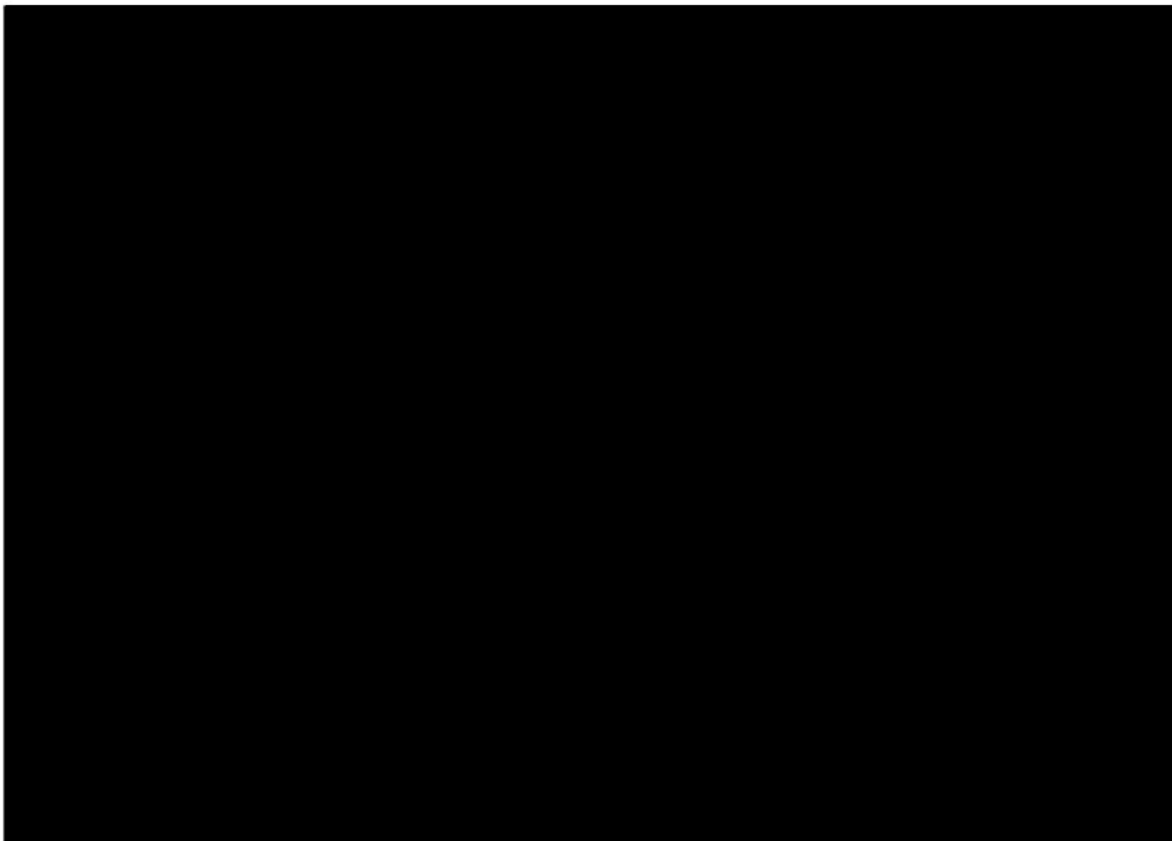
Hand-over date to Techservice

General information about the job

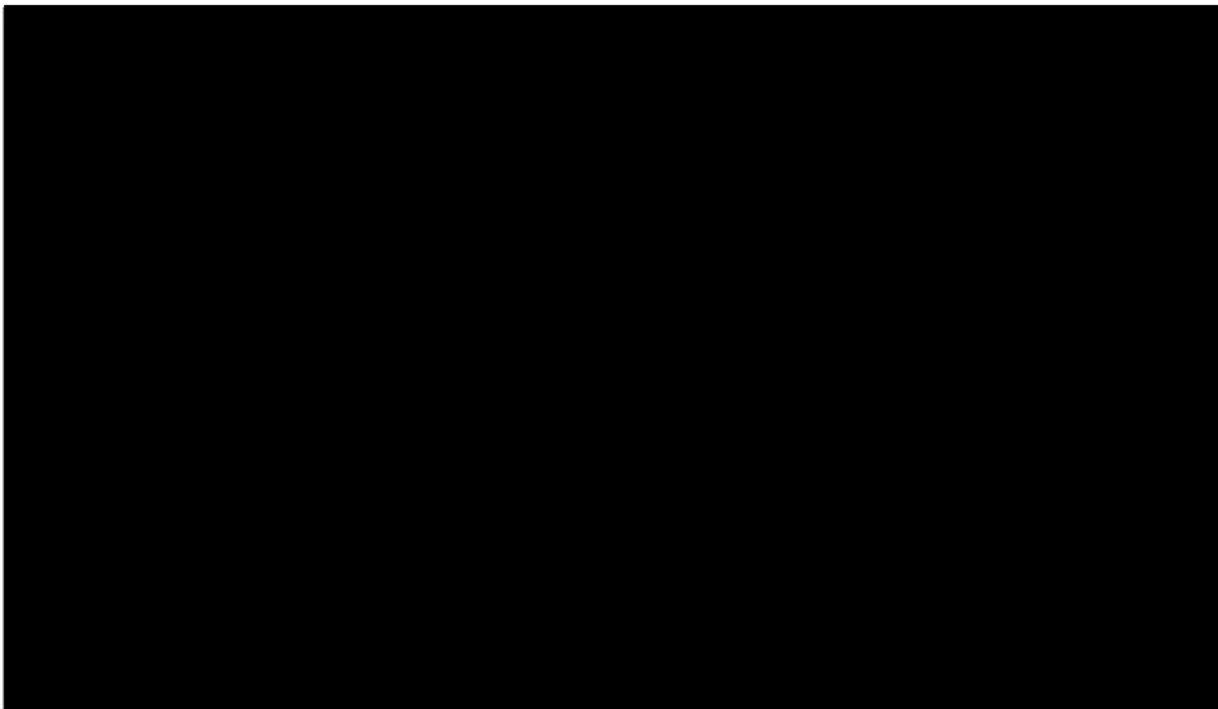


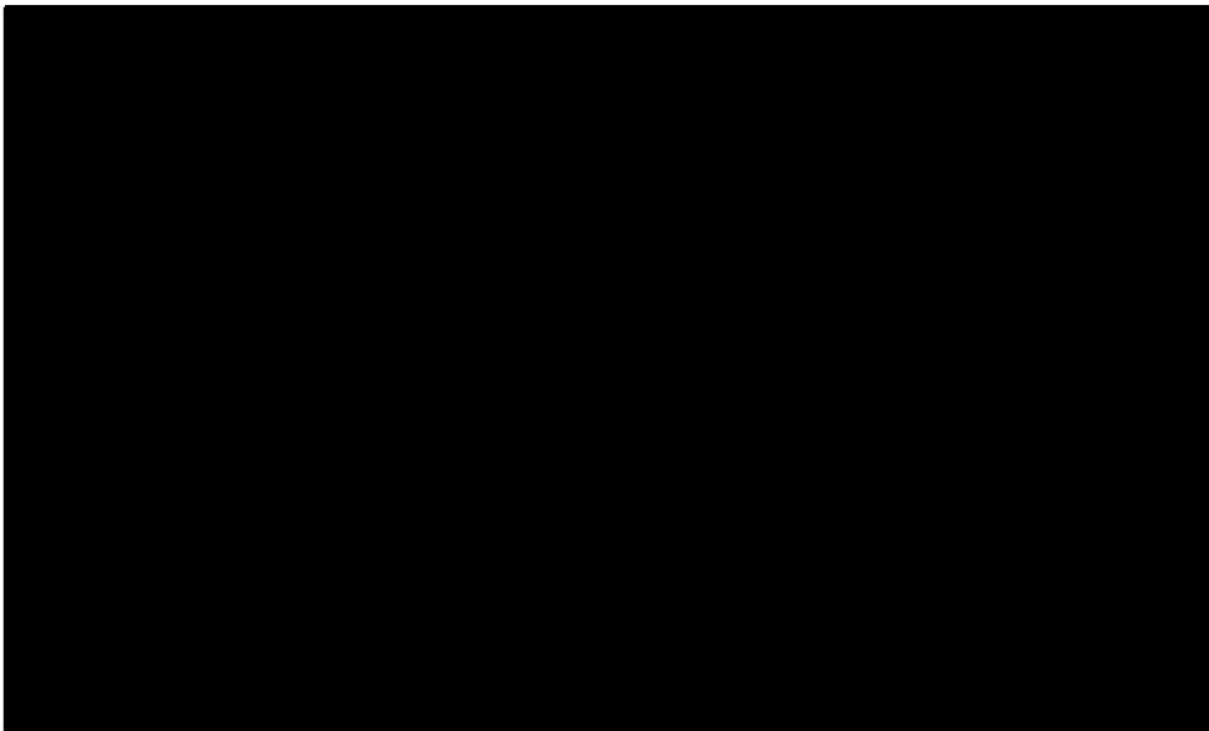
Lessons learned and recommendations



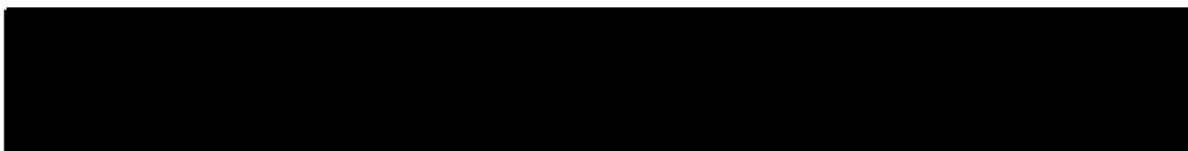


Project management

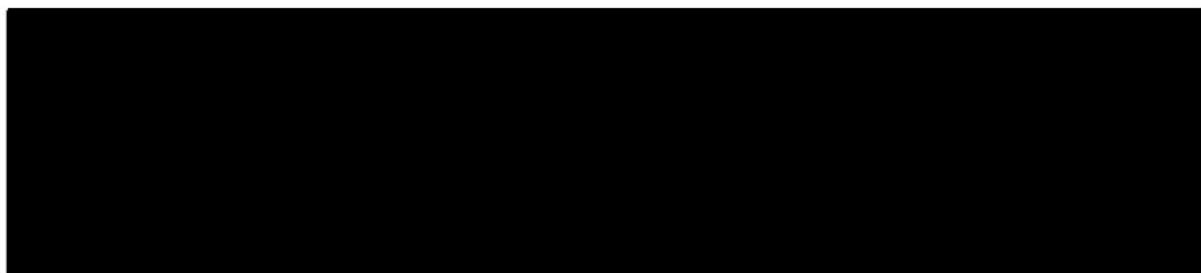




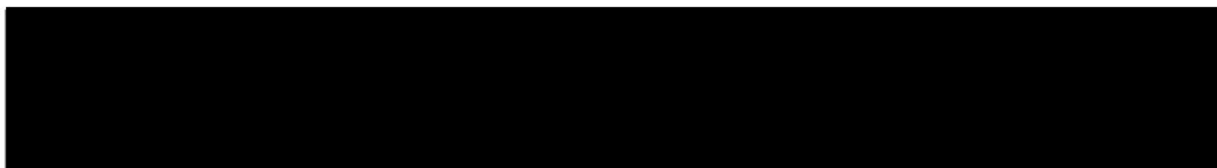
Resource allocation



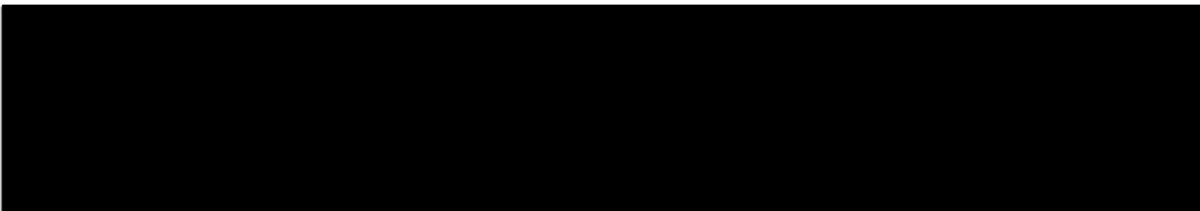
Process engineering



Mechanical engineering (static equipment and piping)



Mechanical engineering (rotating equipment)



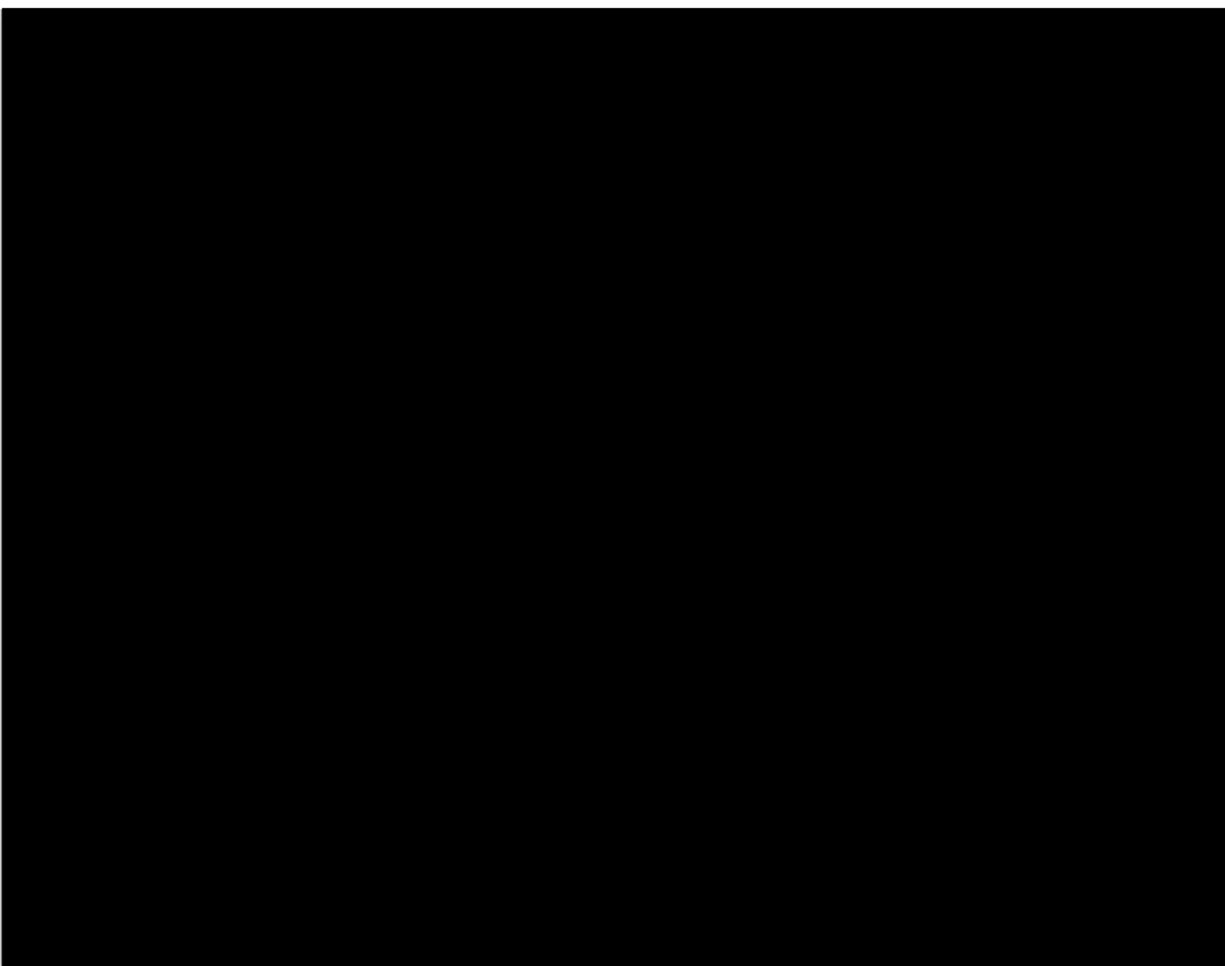
Instrument engineering



Electrical engineering

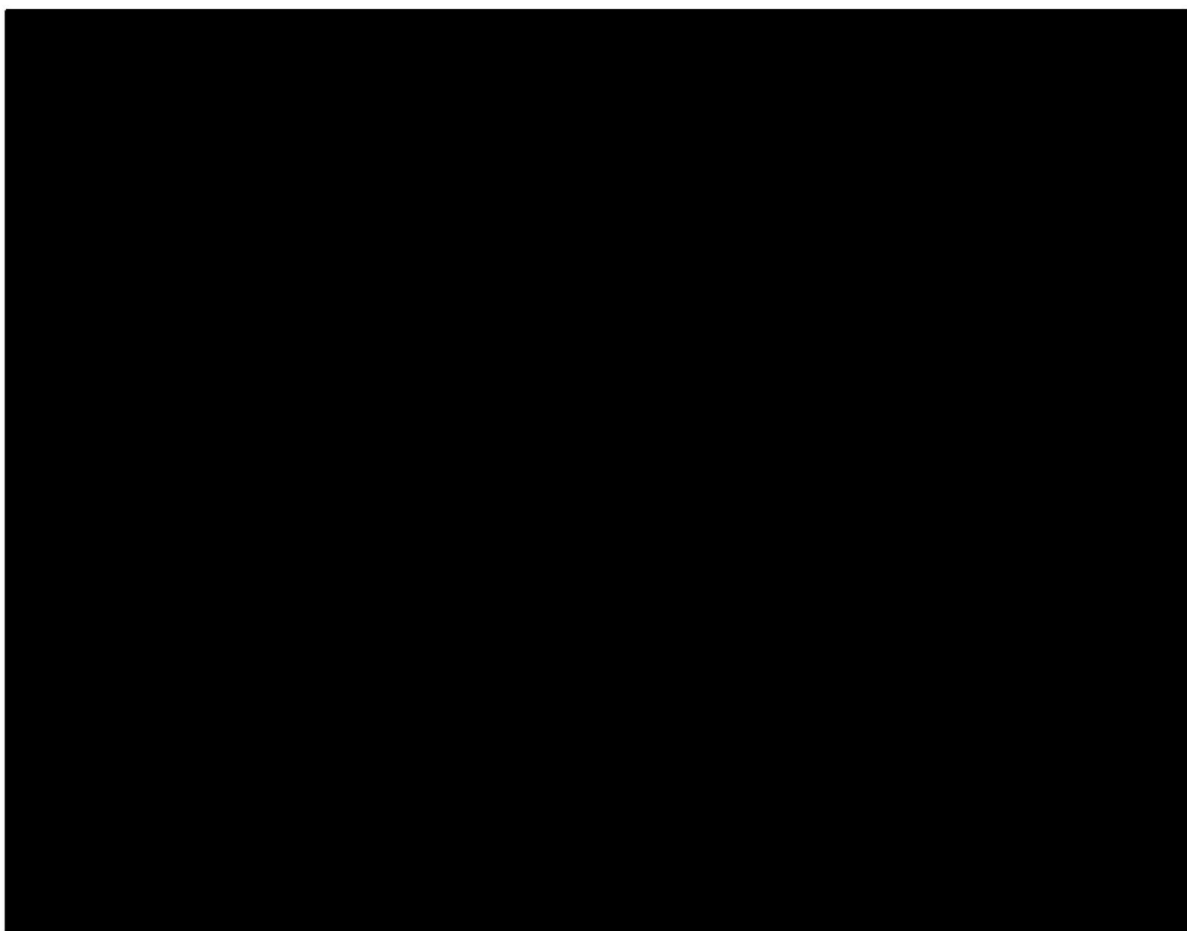
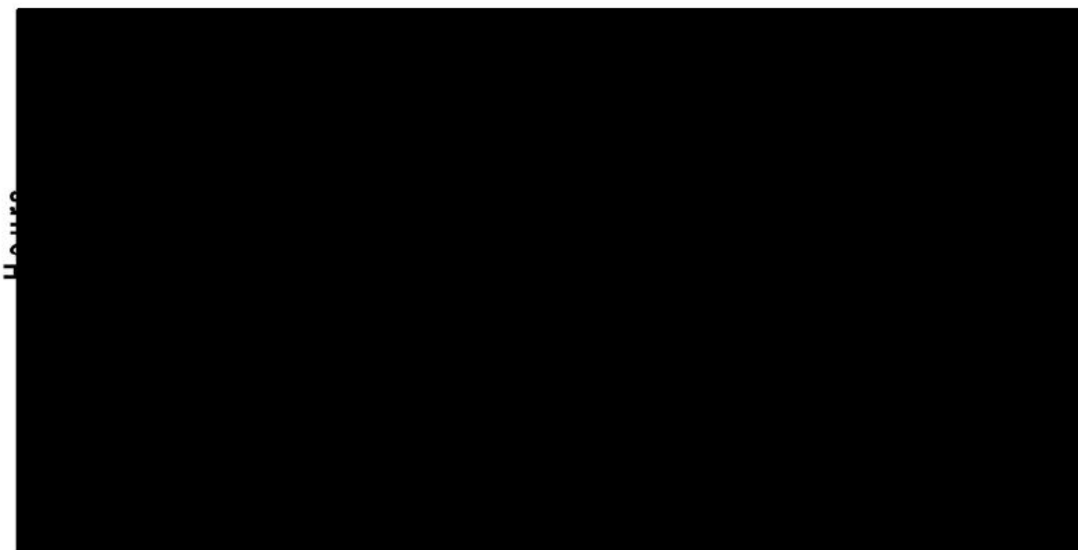


Procurement services



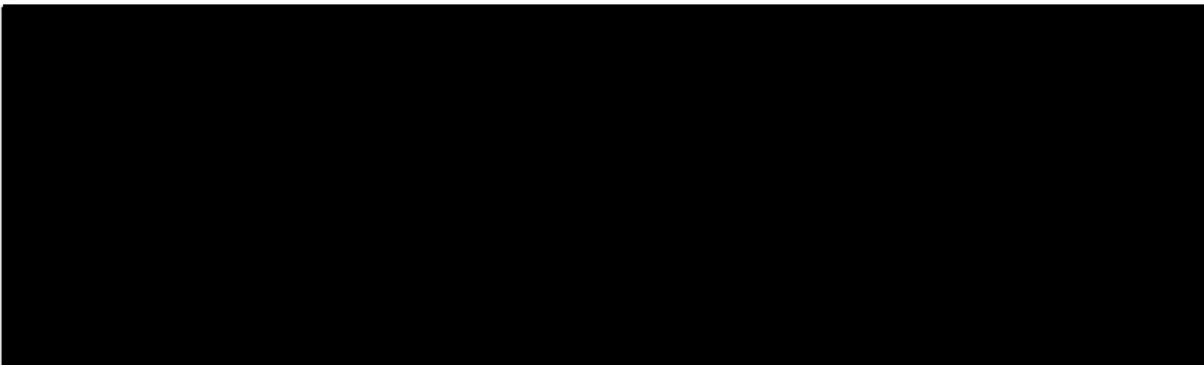
Lack of tools

Number of man-hours worked

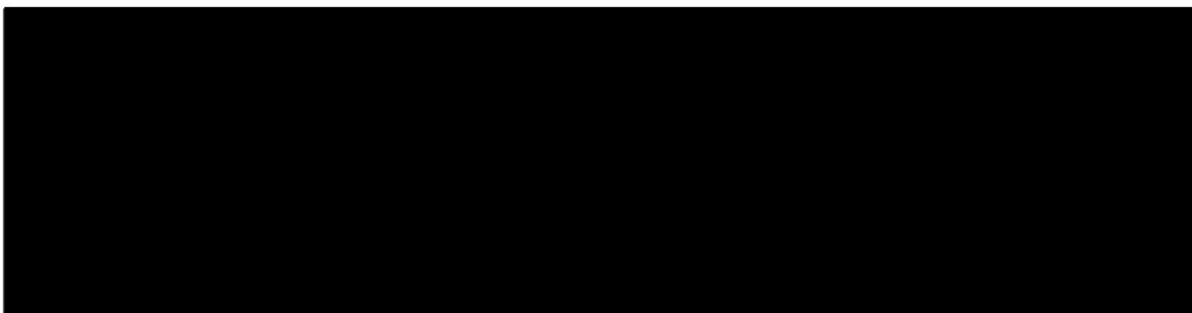


Information contained herein is confidential; it may not be used for any purpose other than for which it has been issued, and may not be used by or disclosed to third parties without written approval of Haldor Topsoe A/S.

RESEARCH | TECHNOLOGY | CATALYSTS

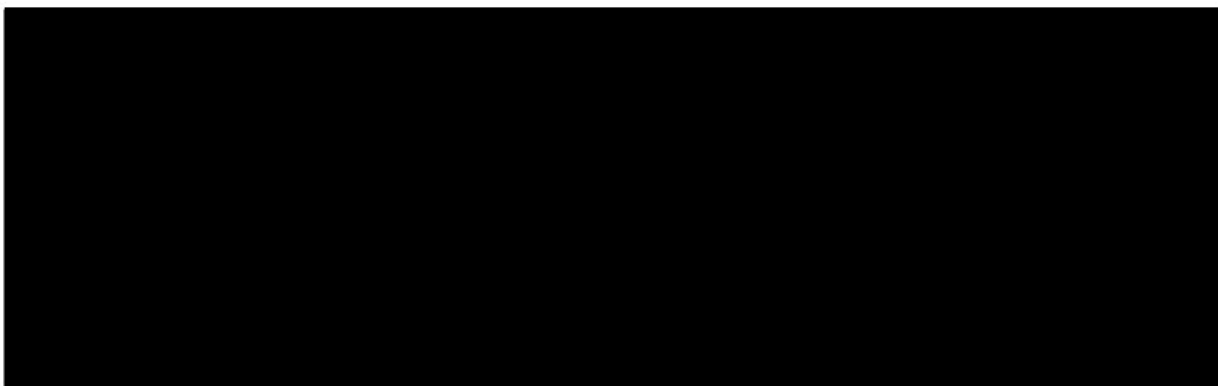


General comment to economy figures and man-hours

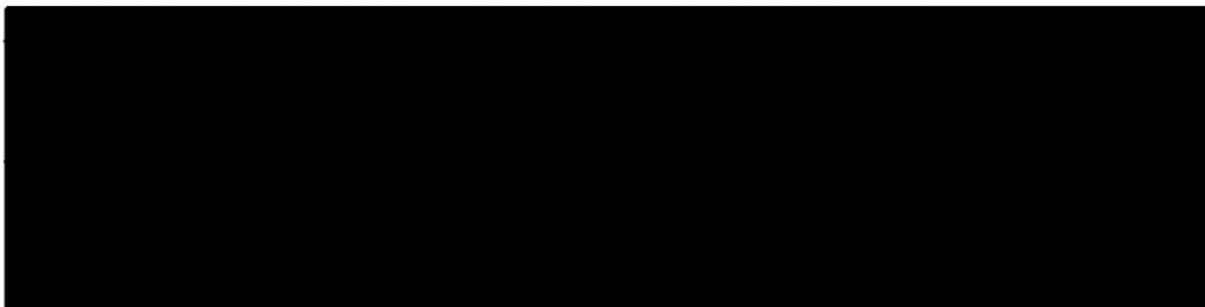


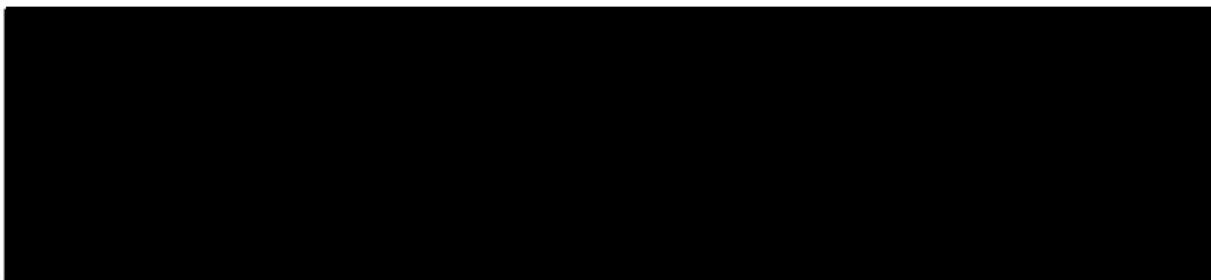
Front is expected in phase D.

Comments to time schedule

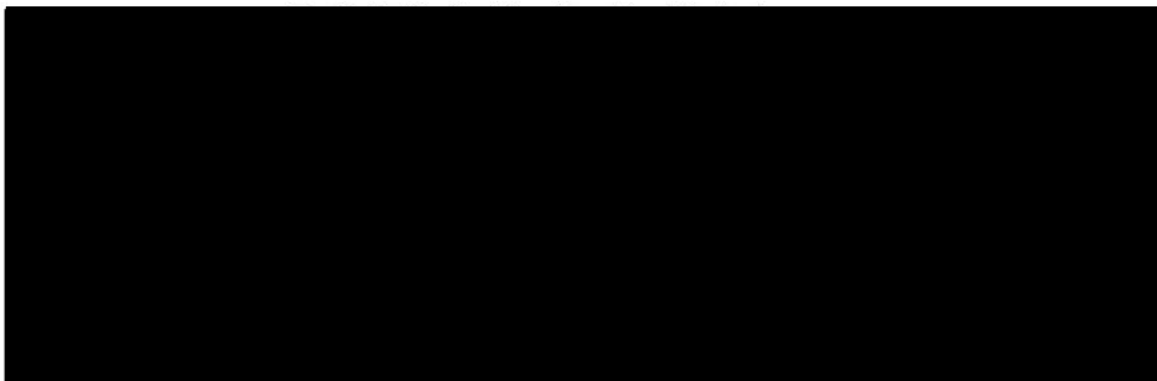


Comments to project execution (Place of execution, outsourcing)





Contacts / key persons (client)



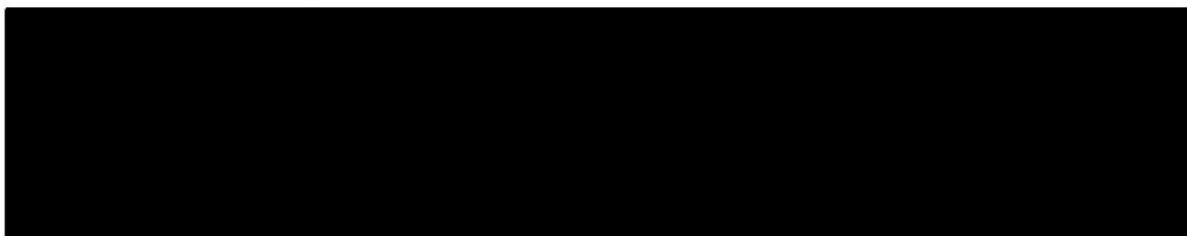
Guarantee expiry



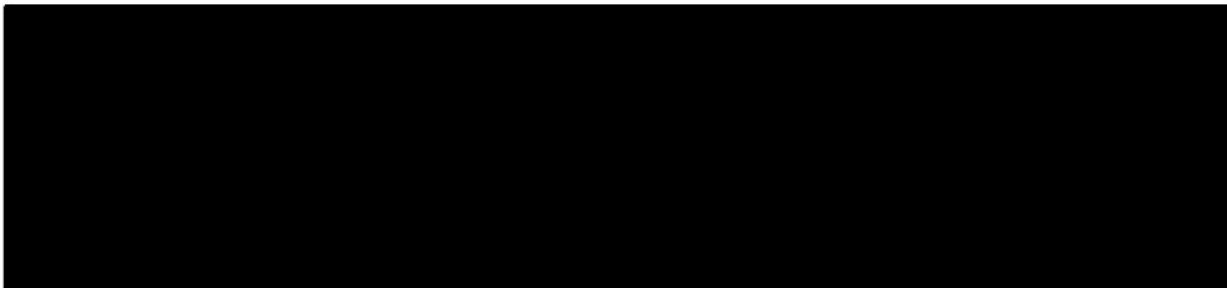
Outstanding contractual obligations



Customer relationship



Conclusion



Date: 18 November 2011

Project Manager

