


HVAC Design and Control Philosophy

CO₂ Capture Facility

Kårstø, Norway

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Contents

<u>Section</u>	<u>Page</u>
1.0 Contractor Comments	2

1.0 CONTRACTOR COMMENTS

The HVAC systems associated with the Karsto CO₂ Carbon Capture and Compression (CCC) Project Front End Engineering Design (FEED) Study are noted below for the required enclosures and buildings for personnel and/or equipment:

- Heating
- Cooling
- Filtering
- Air Conditioning Including drainage system for condensing water
- Ventilation including outside louvers
- Duct system

Fichtner Exhibit E6.3 - HVAC Design and Control Philosophy document (10112936-FI-B-CON-0122, Rev. 05 dated 30.05.2008) was reviewed. The design is in accordance with the requirements of this HVAC design and control philosophy, noting the following points:

- HVAC will be provided using heat pumps for all buildings and areas requiring HVAC.
- Battery room will be provided with 2x100% exhaust fans for ventilation.
- In Section 2, it is noted that the proximity to the Gassco Karsto gas terminal may introduce particular requirements to the HVAC design and control. The Owner is to further define these requirements so their impact can be evaluated on the system designs.