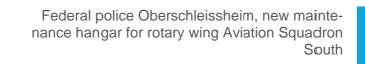
engineers + consultants



Construction supervision for fuel storage and handling systems

owner State of Bavaria via State Building Authority Munich 1, Munich (Germany)

facility designer / Dorsch International Consultants, Munich

client (Germany)

specialty Hansa Consult, Hamburg (Germany)

designer

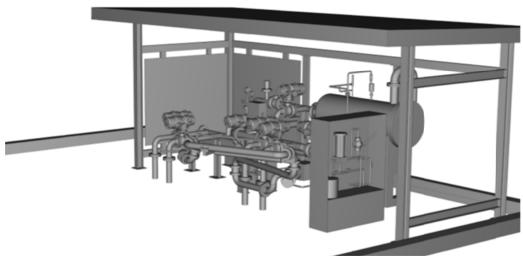
project name

location Oberschleissheim, Munich (Germany)

duration start may 2013

end spring 2014

For the federal police rotary wing aviation squadron south, a new maintenance hangar and the corresponding airside surfaces and facilities are built.



Fuel pump for rotary wing aviation refueling

activities

Resident engineer and construction supervision of hazardous materials storage, installations and systems for rotary wing aircraft fueling:

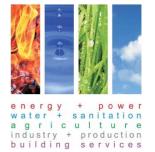
- aviation fuel pump station
- underground aviation fuel storage tanks for 2 · 60,000 liter
 (2 · 15,850 gal)
 - pipeline construction
- systems for power supply, supervisory control and data acquisition (SCADA)

technical description

medium aviation jet fuel (Jet A1) - water contaminant + explosive

pressure class rating PN16 (235 psi)

pipe size DN125/80 (NPS 6/3) welded steel twin safety pipe system



illustrations





Compaction survey of aviation jet fuel tank excavation (left), placing of aviation jet fuel tank (right)









Backfilling compaction (left), safety piping system (right)

