



AIRPORT ERFURT NEW CONSTRUCTION OF TANK FARM

PROJECT SERVICES

Preliminary and concept design
Approval design
(building applications, BetrSichV, WHG)
Final design
Advertising and award negotiations
Material inquiries and orders
Construction supervision
Project management
Review of third-party drawings
Preparation of as-built documents

TECHNICAL DESCRIPTION / TECHNICAL DATA

2 Storage tanks á 150 m³
1 Recovery and Sloptank
1 unload facility for road tank trucks (storage)
Testrig (test and testing equipment for aircraft refuellers)
Mechanical and pipe technical equipment
Electrical supply
Measurement and control devices
Fire Protection equipment
Roads, filling and parking spaces for aircraft refuellers
Drainage system with POL separator

PROJECT DESCRIPTION

Two each double-wall storage tanks with 150 m³ nominal volume were installed on a paved area for the jet fuel supply with Jet-A1. An extension of the tank farm has been considered in the overall concept. Storage will be effected with tank truck via a filling point outside the security area. The aviation fuel is directly pumped into the airfield tank truck via floating suction systems and filter / water separator.

Storage and removal procedures are mostly controlled automatically and are monitored via visualization in the operations and maintenance building. All fence and door systems are monitored with CCTV in accordance with the regulations.

Some of the required technical and safety-engineering equipment is roofed and arranged on impermeable concrete areas in accordance with the DAfStb-guideline "Concrete construction during handling with materials hazardous to water".

Access and ring roads, as well as the fire lanes were integrated into the traffic system of the airfield.

Planning and construction was based upon the Operational Safety Ordinance (BetrSichV), Ordinance regarding Systems for Handling Agents Hazardous to Water (VawS), the Federal Water Act, as well as the acknowledged state of the art.

CLIENT

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