



TECHNOLOGY FOR BEIJING – DAXING AIRPORT

Client:

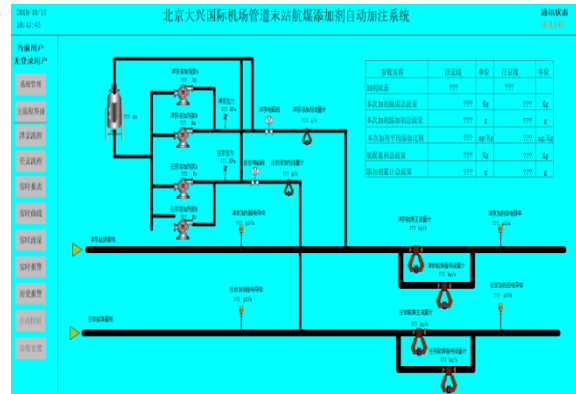
China National Aviation Fuel Corporation / Beijing – Daxing airport authority

Scope of work:

Technology for aviation fuel additive dosing and delivery to tanktrucks

Period:

2018 - 2019



Project details:

Beijing – Daxing international airport was built on southern boundary of Beijing. The yearly capacity at put in service is 45 million passenger and its target capacity is 100 million passengers. The JET-A1 aviation fuel storage has capacity 160 000 m³ with potential extension to double capacity. The fuel is delivered to storage by pipeline and distributed to aircrafts by underground hydrant system and by tanktrucks. The scope of this project included design, production, delivery and commissioning of 2 parts:

- ✓ Additive dosing system at pipeline terminal object. The additive is for increase of conductivity. There is on-line monitoring of incoming fuel conductivity and the quantity of injected additive is continuously controlled by PID controller to reach the required conductivity of fuel.
- ✓ Metering skids for delivery of aviation fuel to airport tanktrucks. The skids are equipped with air eliminators, PD flowmeters and digital set-stop valves and they are in compliance with requirements of OIML R117-1.

Both systems are fully integrated to the terminal automation system.