



Shanghai Pudong Airport, CHINA, Additive dosing technology

Client:

Sinopec

Scope of work:

Design, engineering, delivery of additive dosing system

Period:

2008



Project details:

The referenced facility is located in Pudong airport, one of the airports in the world. The fuel storage has been equipped with dosing system to manage increasing conductivity of Jet fuel. It is used for injection of additive agent into the product when unloaded from ships to the fuel storage at the airport. The EPC delivery included additive container with pumping skid and connection to current installation.



EVA Container is suitable for dosing of additive or color agent into light fuels. It is designed for outside installation in explosive hazardous area. The equipment is designed as an autonomous skid that includes all necessary components like storage barrel, gear pump, pressure regulation valve, EVA5 injection unit and accessories. For correct function, the Container has to be supplied by electricity and by pulse control signal that represents flow rate of main product. The dosing is regulated according to the specific recipe and according to the instantaneous fuel flow to achieve stable additive percentage in the end-product at any time.

