

## Project Details

Project name:..... **SINOPEC CHINA, RECONSTRUCTION OF NINGBO FUEL STORAGE**

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Scope of works: ..... Design, engineering, delivery of additive dosing system and bottom loading arms

Period: ..... 2006

Project details: ..... Due to the growing industry and traffic volume, SINOPEC, one of the biggest companies in the world, started program of reconstruction and building of new fuel storage facilities. The referenced facility is located in Ningbo, a well-known

harbor and transportation node of Zhejiang Province, in the middle of China's coastline and the southeast flank of the Yangtze River Delta. The storage has been reconstructed to increase capacity of the truck loading terminal, to reduce emissions of hydrocarbons into the air, and to allow additive dosing of fuels.





The reconstructed terminal is equipped with twenty new bottom loading arms suitable for diesel and petrol loading. Each arm is equipped with highly-precise additive dosing unit EVA6, a product of VAE CONTROLS. Stand-by gear pumps guarantee extremely high reliability and serviceability of the additive supply system. The new facility is controlled by new automation & dispatching system, which ensures local automation and integration of specific parts of the system



Similar projects have been performed for other clients in China, especially in different cities in Zhejiang Province, in the storages round about Beijing, and in Shenzhen where we performed complete reconstruction of loading terminal on turn-key basis. This project included design and delivery of storage tanks, pumps, pipes, loading arms, modification of the loading terminal, renewing of electrical and automation system.



Very special additive dosing system has been delivered to Shanghai airport where it is used for injection of additive agent into Jet fuel when unloaded from ships to the fuel storage at the Pudong airport.

