

Extension of Alexandria Chemicals Terminal (ALX-CT)

Client

Alexandria Chemicals Terminal S.A.E, Egypt

Scope of Work

Concept design
Detailed design
Construction management
Construction supervision

Location

Alexandria, Egypt

Types of Activities

Architectural
Civil works
Communications and security systems
Electrical
Equipment selection
Instrumentation and control
Mechanical
Piping design
Process
Roads
Structural
Tank design

After concluding the design and construction supervision of Alexandria Chemicals Terminal (ALX-CT) in 2009, the Owner assigned ECG to start the design development for the "Extension" of the terminal located at El-Dekheila Port. The project's aim was to increase the total storage capacity from 26,000 m³ to be 65,000 m³ by the end of construction.

Key project components comprised adding 13 chemical storage tanks of capacities ranging from 1,870 m³ to

4,000 m³, two piggable pipelines each with a length of 550 m for the transfer of products from the jetty to the storage facilities, expansion of the truck loading station for bulk chemical land shipments; expansion of the nitrogen blanketing system for all chemical storage tanks; along with the expansion of all other service utilities including fire alarm, fire protection and compressed air systems.



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