



Case Study
INDUSTRIAL

Location
Red Sea, Suez Gulf, Egypt

End User
Metito Orascom JV

Year
2018

Project

Al Galala Sea Water RO Plant

Al Galalah sea water desalination plant is located on the Red Sea on the Suez Gulf. It is the largest desalination plant in Egypt using reverse osmosis technology and has a capacity of 150,000m³/day (10 Reverse Osmosis (RO) skids with a capacity of 15,000m³/day).

What We Delivered



DIAMETER

25mm up to
1400mm



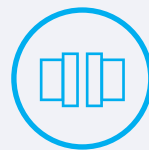
PRESSURE

PN 10



METERS

5.5 km



JOINTS

Lamination



DELIVERING

Desalinated
Water

Future Pipe Industries supplied and installed 5.5 km of Fiberstrong™ FRP pipes and fittings for all the aboveground areas of the project, including the complete system design and load calculation according to the project detailed isometric drawings.

The pipes ranged from DN25mm up to DN 1400mm across both the helical and continuous filament winding processes. Also supplied to ensure no future corrosion issues was an FRP Vortex breaker to avoid using steel for this item.

Approximately 80% of the project was supplied as spools to reduce the number of filed joints at site. FPI Field Service team supported the project with onsite jointing of the FRP pipes.

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The plant supplies Galala City, one of the most ambitious projects in Egypt with the concept of becoming a world class touristic and residential destination.

The new city is one of the government's national efforts to develop the empty eastern desert to solve Cairo's population congestion.

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Gallery



Need
More Info?

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