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## DAR SALAM

90.000 M<sup>3</sup>/DAY WWTP

2022




**Location:** Egypt

**Plant Type:** Wastewater Treatment Plant

**End User:** Government of Egypt

The project involves the construction of a wastewater treatment plant in Dar El-Salam with a capacity of 90,000 cubic meters per day (m<sup>3</sup>/d). The scope of work for the project includes tertiary treatment, using Bioworks technology, including three mechanical screens; three aeration tanks, each with a capacity of 30,000m<sup>3</sup>; six slow sand filter tanks; chlorination treatment; two low voltage and distribution buildings; an administration building; and a laboratory.





**EPC CONTRACTOR**

INTECH  
HASSAN ALLAM



HASSAN ALLAM  
HOLDING

**CONSULTANT**

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**END-USER**

GOVERNMENT OF EGYPT





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**EBIC**

**2.000 TON/DAY AMMONIA PLANT**

**2022**



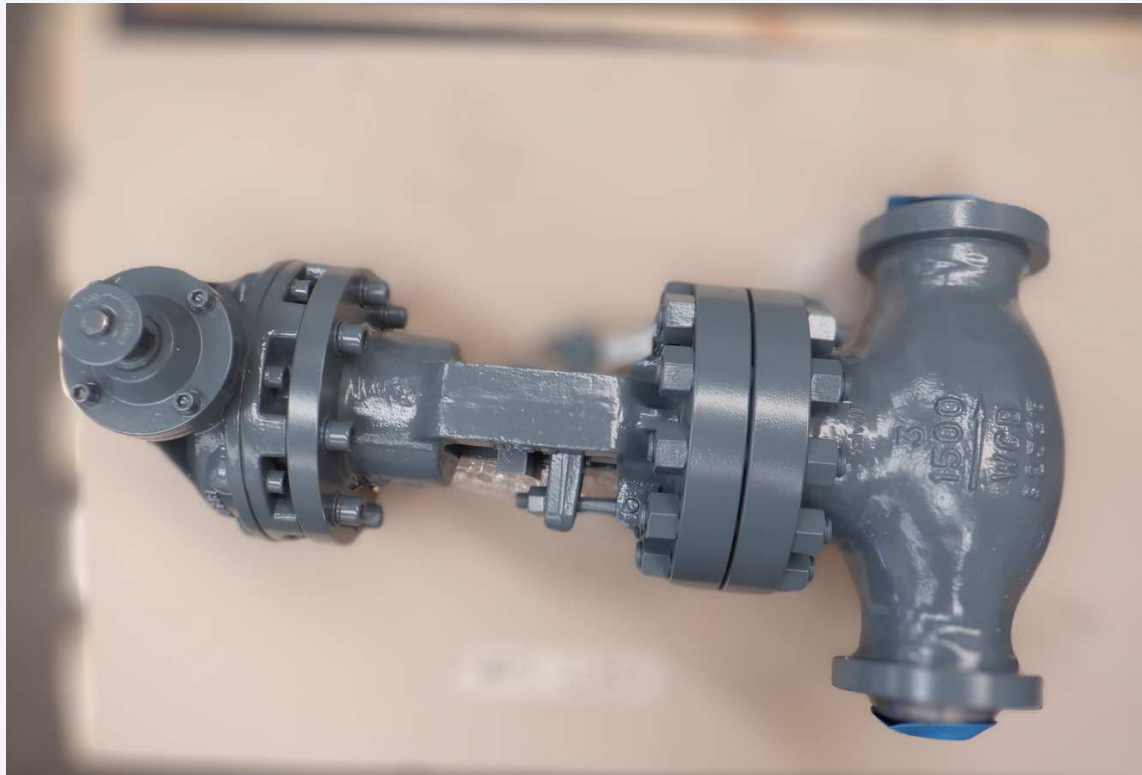
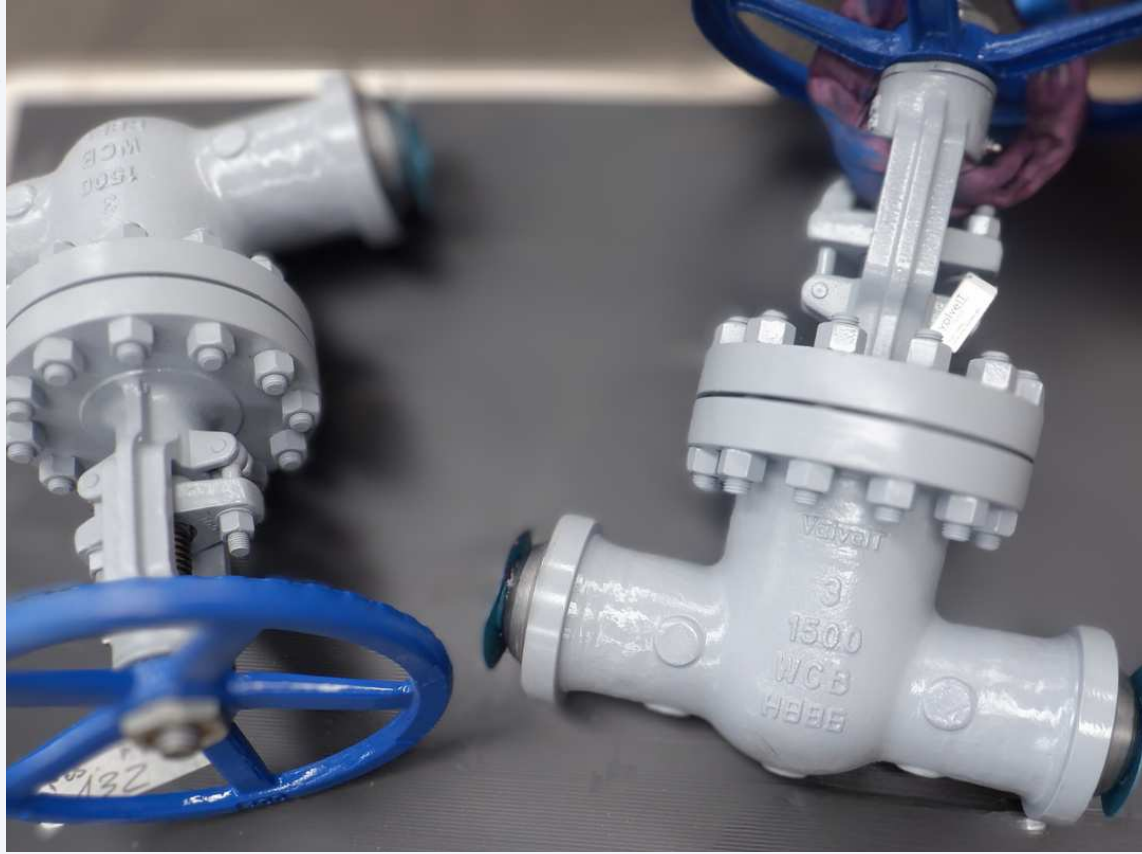
**Location:** Egypt

**Plant Type:** Ammonia Plant

**End User:** EBIC - Egypt Basic Industries Corporation

The project involves construction of a 2,000 metric ton per day liquid ammonia plant is located near the Red Sea at Ain Sokhna, Egypt. This greenfield plant began production in 2009 following fast-track engineering, procurement, and construction (EPC) based on the Construction Industry Institute's PEPC procedures





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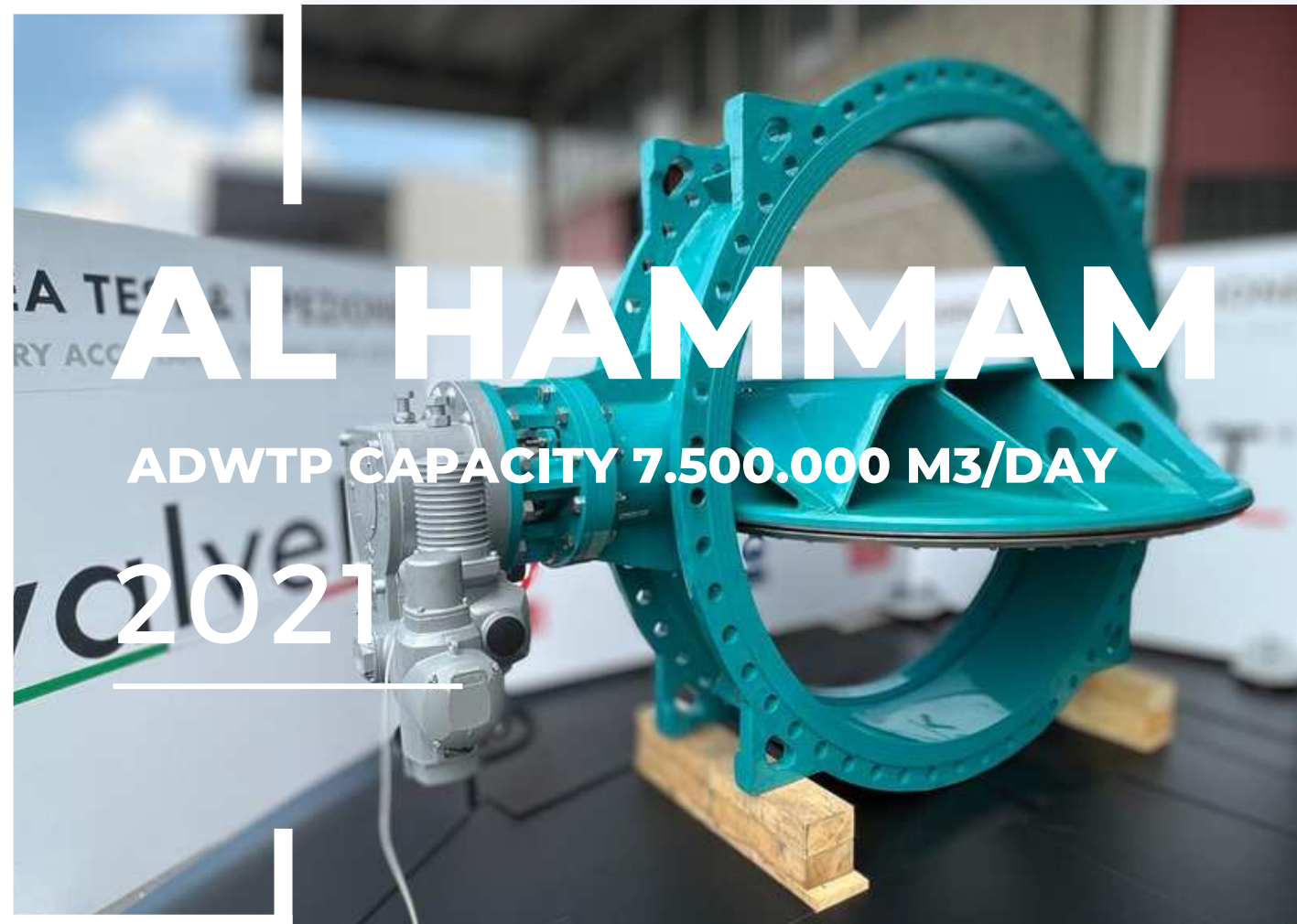
EBIC





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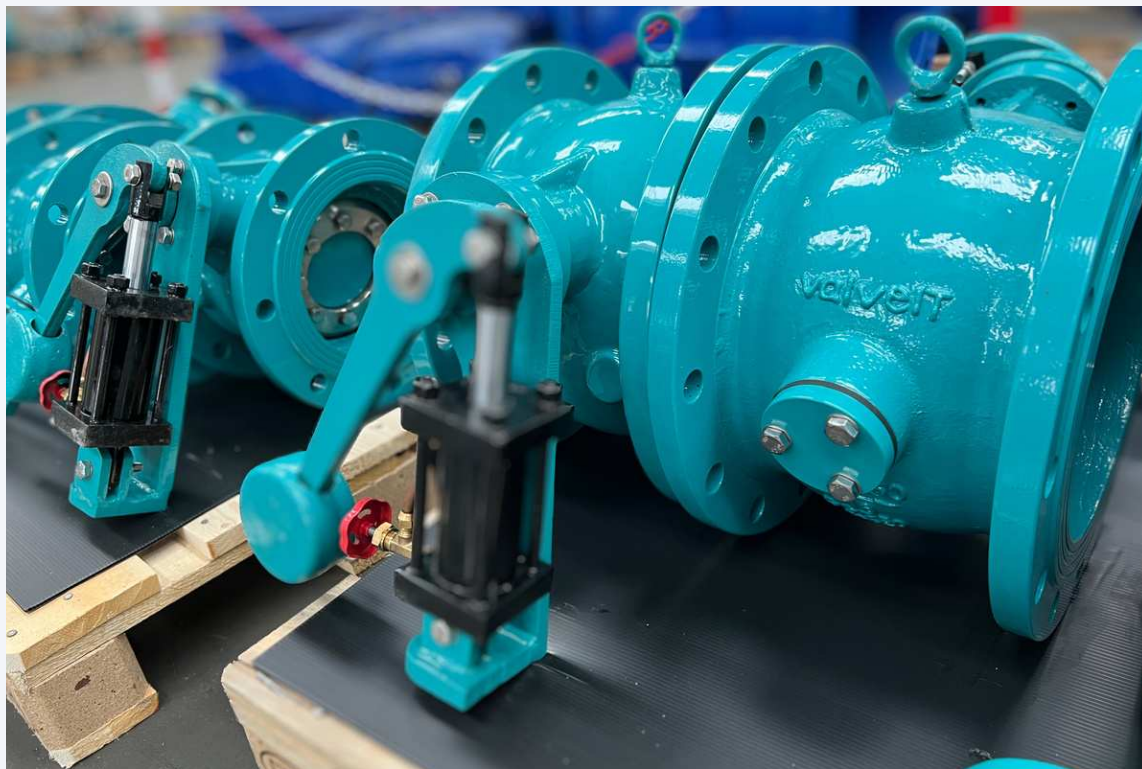
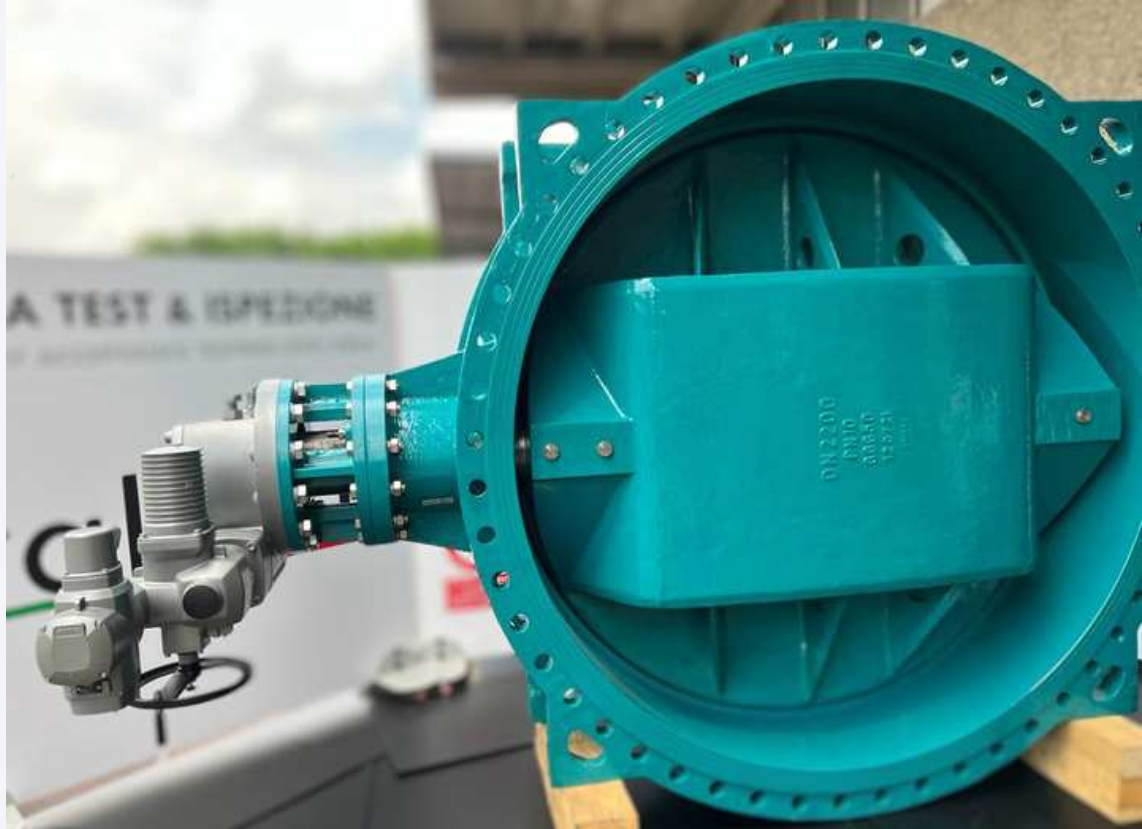
**Location:** Egypt

**Plant Type:** Agricultural Wastewater Treatment Plant

**End User:** Government of Egypt

The wastewater treatment plant has a capacity of 7.5 million m<sup>3</sup>/day, the largest of its type in the world and the treated water will irrigate up to 2,266,000 acres west of the Nile Delta area. The plant will receive the wastewater gathered in the north of Delta from the agricultural drainage, through digging a 120 kilometers pathway connecting the two points.





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METITO  
THE ARAB CONTRACTORS  
ORASCOM  
HASSAN ALLAM

**METITO**



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CONSTRUCTION

HASSAN ALLAM  
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**CONSULTANT**

KHATIB & ALAMI



**END-USER**

GOVERNMENT OF EGYPT  
(WATER DEPARTMENT)





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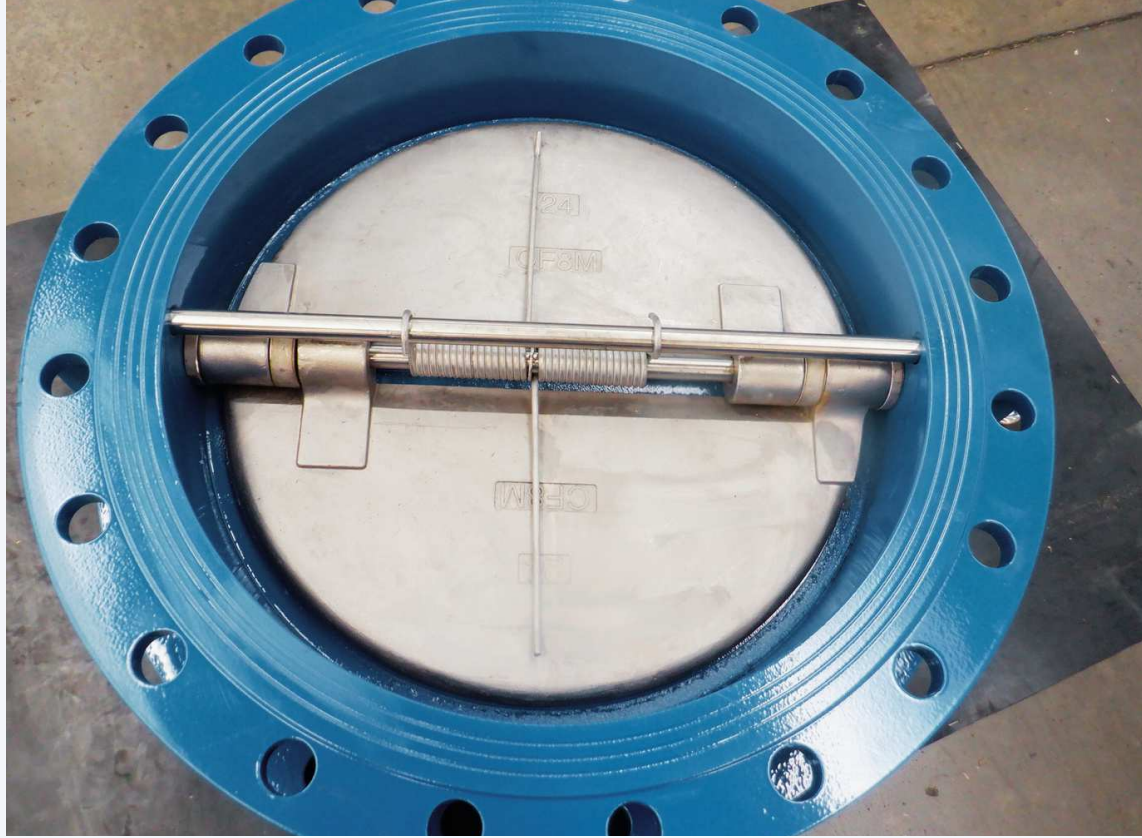
**Location:** Egypt

**Plant Type:** Building & Infrastructure

**End User:** Government of Egypt

The project involves the construction of a new Business Area located in a desert 50 km east of the Egyptian capital Cairo. The CBD covers an area of about 505,000 square meters and is home of dozens of commercial and residential buildings as well as supporting infrastructure. One of the most eye-catching buildings is the CSCEC-built 385.8-meter-tall Iconic Tower, intended to be the highest skyscraper in Africa.





**EPC CONTRACTOR**

CHINA STATE  
CONSTRUCTION




**CONSULTANT**

DAR AL-HANDASAH



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## MADINET

40.000 M<sup>3</sup>/DAY STP PLANT

2020




**Location:** Egypt

**Plant Type:** Wastewater Treatment Plant

**End User:** Arab Company for Projects and Urban Dvlp.

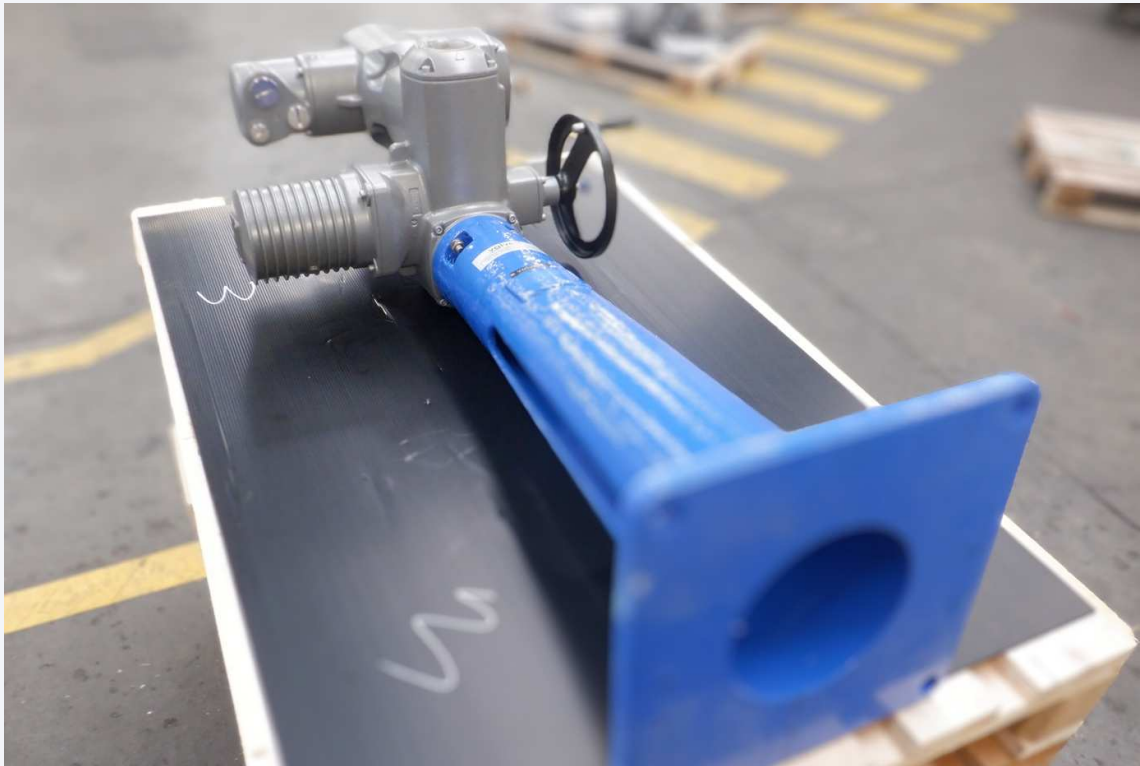
The project involves the construction of a water reclamation plant for a new and exclusive satellite city near Cairo. Purified water is directly pumped into a special service water network for irrigation purposes. The plant includes: Mechanical pre-treatment; Biological treatment; Wastewater filtration; Final disinfection; Sludge treatment: aerobic digestion; dewatering.





**EPC CONTRACTOR**

VA TECH WABAG

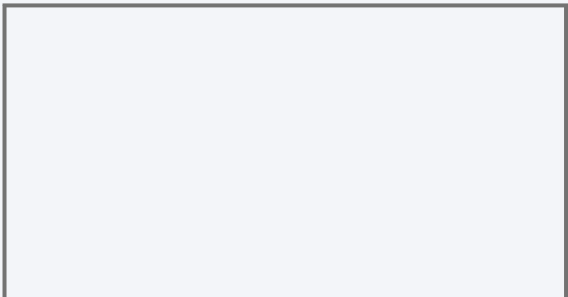


**CONSULTANT**

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**END-USER**

ARAB COMPANY FOR PROJECTS AND URBAN DEVELOPMENT





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# AHL MASR

NON PROFIT BURN HOSPITAL

2020




**Location:** Egypt

**Plant Type:** Hospital

**End User:** Ahl Masr Foundation

The project involves the construction of the first and largest hospital and research center for the free treatment of trauma and burn victims in Egypt, the Middle East, and Africa. The project is located in the First Settlement in the New Cairo district and the hospital has a built-up area of 45,245 square meters and is planned to accommodate 175 beds.





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**CONSULTANT**

SHAKER CONSULTANCY GROUP



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AHL MASR FOUNDATION





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## ARISH

100.000 M3/DAY SWRO PLANT

2020




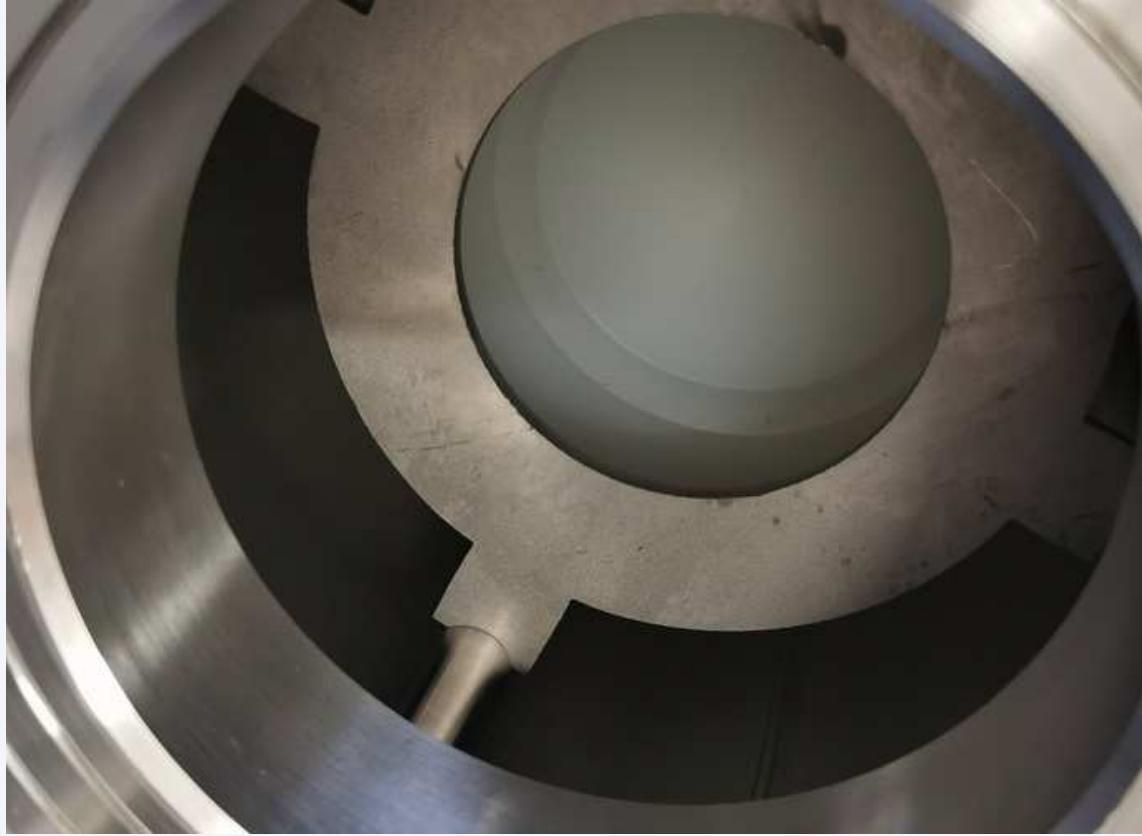
**Location:** Egypt

**Plant Type:** Desalination Plant

**End User:** Government of Egypt

The project involves the construction of a 100.000 m<sup>3</sup>/day SWRO Plant in the North Sinai area. Al-Arish is situated on the Mediterranean Sea. These projects are part of the state's comprehensive strategy for the development of North Sinai. The plant supplies drinking water to 750,000 people in Upper Egypt





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**Location:** Egypt

**Plant Type:** District Cooling Plant

**End User:** ACUD

The project involves the construction of the largest district cooling plant in Egypt and Africa. The plant is located in Egypt's New Administrative Capital with a capacity of 64,000 refrigeration tons serving the new Government districts, the Financial districts, and another 180 important buildings in the Administrative Capital using the latest state of the art technology.





EPC CONTRACTOR

GAS COOL  
PETROKIMA



**PETROKIMA**  
Engineering and Contracting S.A.E

CONSULTANT

ALLIED CONSULTANS



END-USER

ADMINISTRATIVE CAPITAL FOR  
URBAN DEVELOPMENT (ACUD)

**ACUD**  
ADMINISTRATIVE CAPITAL  
FOR URBAN DEVELOPMENT  
العاصمة الادارية للتنمية العمرانية







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## CAIRO WEST

650 MW POWER STATION WTP & WWTP

2019




**Location:** Egypt

**Plant Type:** Wastewater Treatment Plant

**End User:** Government of Egypt

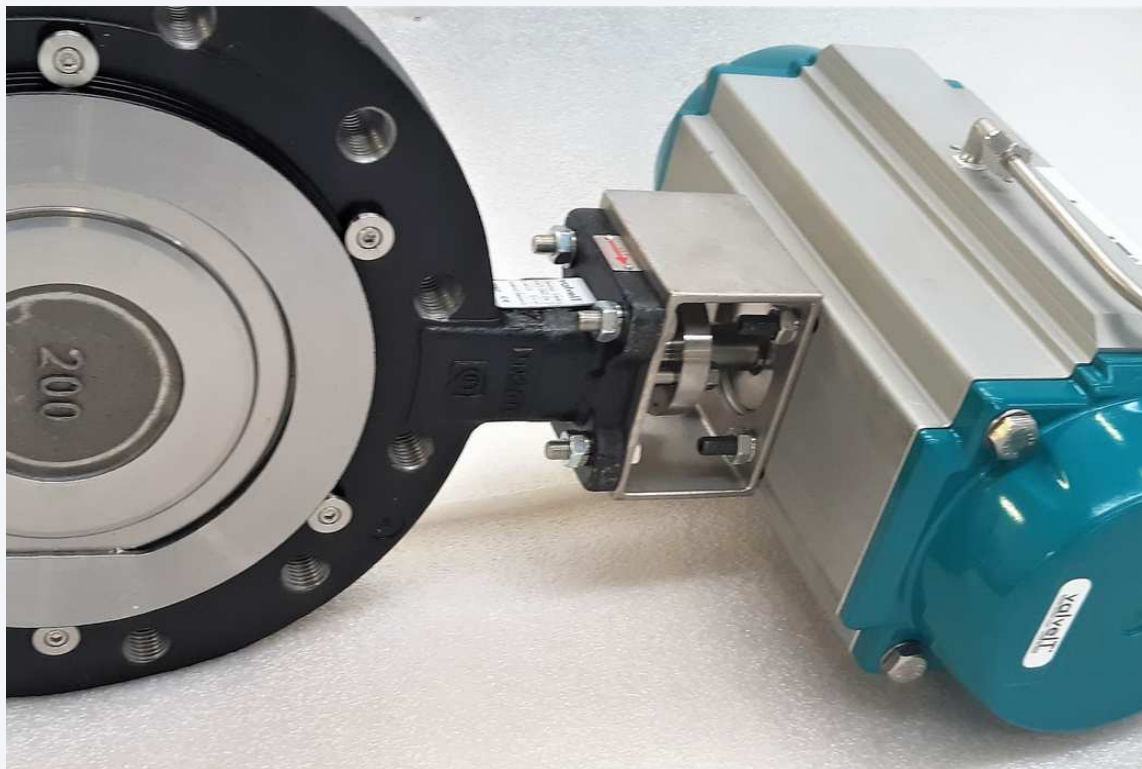
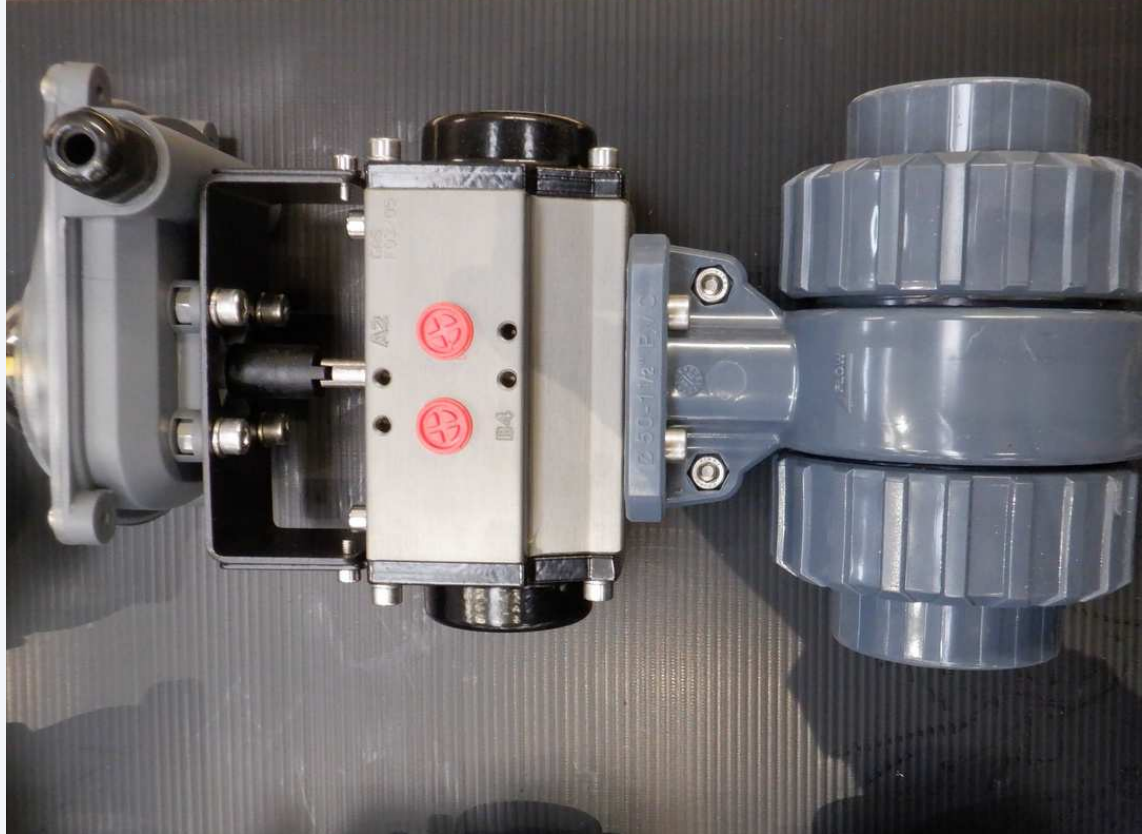
The project involves the construction of a Water Treatment & Wastewater Treatment plant for the Cairo West 650 MW Power Plant. For its part, The construction of these plants is not only part of the authorities' desire to solve the problem of drinking water shortages in the city of Cairo, but also, and above all, an action that is part of a national strategy.





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VEOLIA



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## PORT SAID

250.000 M<sup>3</sup>/DAY SWRO

2018



**Location:** Egypt

**Plant Type:** Desalination Plant

**End User:** Government of Egypt

The project involves the construction of a 150,000m<sup>3</sup>/day plant SWRO Plant built on 79,000m<sup>2</sup>, including an area designated for future expansions to provide up to 250,000m<sup>3</sup>/day of clean drinking water. The project site was carefully selected to be in proximity to East Port Said city, which is the key beneficiary of the produced water.





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EGYPTIAN ARMED FORCES  
ENGINEERING AUTHORITY



**END-USER**

GOVERNMENT OF EGYPT





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## MAHSAMA

1.000.000 M3/DAY WWTP

2018




**Location:** Egypt

**Plant Type:** Wastewater Treatment Plant

**End User:** Government of Egypt

The project involves the construction of a 1.000.000 m<sup>3</sup>/day Waste Water Treatment plant built over an area of 42,000 square meters in Ismailia Governorate. Al Mahsamma is considered the largest plant of its kind in the world. Water is transferred to the station from the Ismailia Irrigation Drainage Canal, located west of the Suez Canal. Effluent is pumped through two individual pumping stations under the Suez Canal to the Srabuim siphon.





**EPC CONTRACTOR**

METITO  
HASSAN ALLAM

**METITO**



**HASSAN ALLAM**  
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## OWEIKAL

500.000 M<sup>3</sup>/DAY WWTP

2018



**Location:** Egypt

**Plant Type:** Wastewater Treatment Plant

**End User:** Ministry of Housing-Utilities-Urban Develop



The project involves the construction of a 500.000 m<sup>3</sup>/day Wastewater Treatment plant in for the Nasr City and New Cairo Area. The plant is made of electro-mechanical facilities, including raw water pumping facilities at intake and pump station 2, interconnecting pipes, and treated water pumping facilities, two delivery pipelines of 1400/1200/1000 mm diameter - 16 bar working pressure - 16.5 km total length and 1400/1200 mm diameter - 16 bar working pressure - 12 km total length respectively.





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HASSAN ALLAM



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MISR CONSULT



Envir. & Infrastructure Studies

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جمهورية مصر العربية







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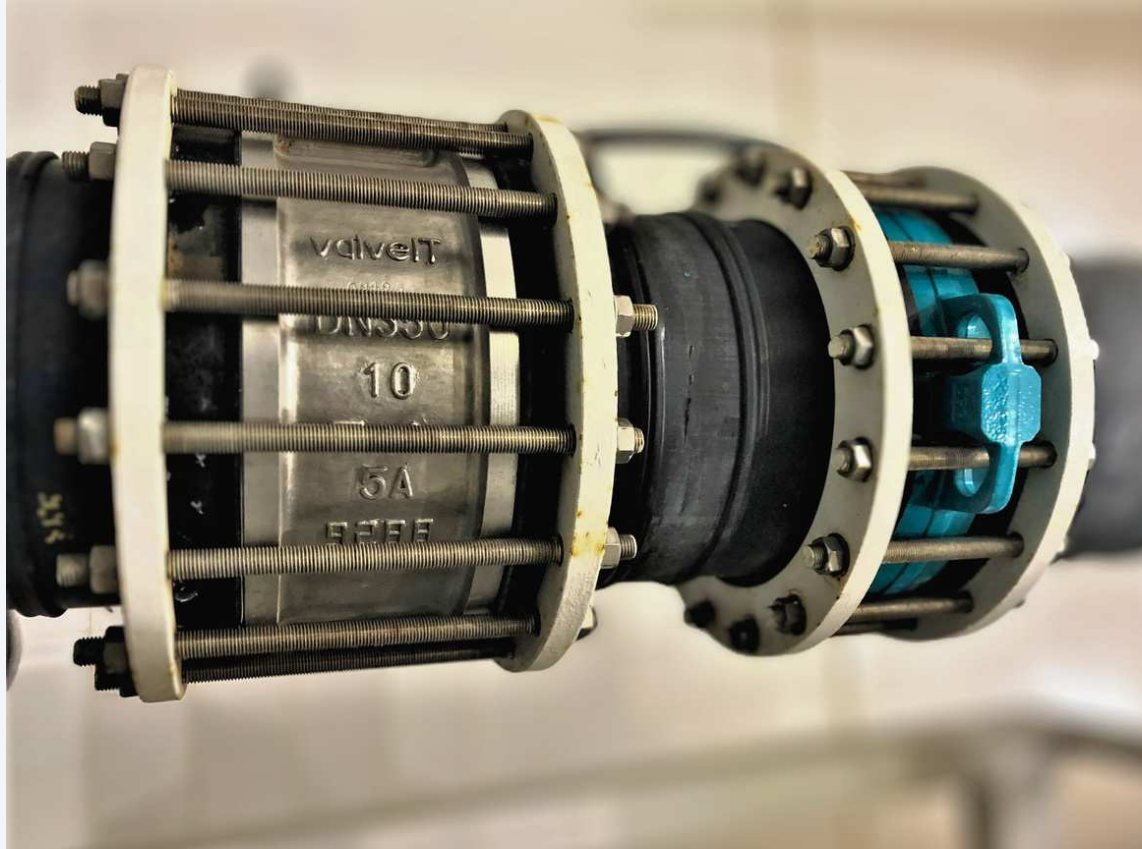
**Location:** Egypt

**Plant Type:** Desalination Plant

**End User:** NOPWASD

El Tor sea water desalination plant is located in North Sinai. EL TOR sea water desalination plant designed by using reverse osmosis technology using Pressure Exchanger (PX) as an energy recovery system with capacity 30,000 m<sup>3</sup>/day (6 RO skids with capacity of each one 5,000 m<sup>3</sup>/day).





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NOPWASD





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## AL GALALA

150.000 M<sup>3</sup>/DAY SWRO PLANT

2017



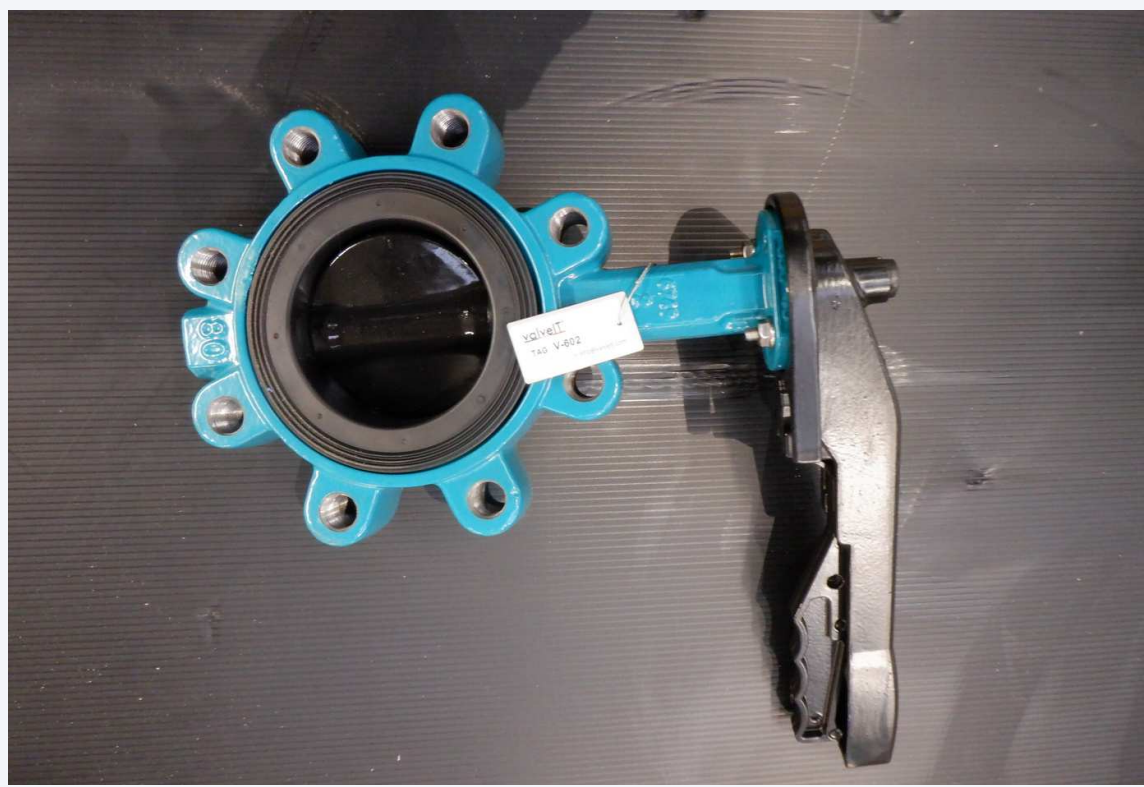
**Location:** Egypt

**Plant Type:** Desalination Plant

**End User:** Government of Egypt

The project involves the construction of a 150.000 m<sup>3</sup>/day SWRO plant in Al Galala city, a world-class touristic and residential destination. The city is designed to include world-class hotels, water entertainment parks, an international marina, a commercial and residential complex and a university. The plant includes pipelines with a total length 1,200 m; 22 filters with a 3.8m diameter and 18m length; 10 Reverse Osmosis Skids with a 15.000 m<sup>3</sup>/day capacity each.





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## ALYOSR

HURGHADA 80,000 M<sup>3</sup>/D SWRO PLANT

2016



**Location:** Egypt

**Plant Type:** Desalination Plant

**End User:** NOPWASD

The project involves the construction of a Seawater Reverse Osmosis Desalination Plant with a capacity of 80,000m<sup>3</sup>/day to produce drinking water for the more than 500.000 residents of the city of Hurghada, Red Sea Governorate, The plant consists of: Raw water intake system, Chemical pre-treatment · Multi-Media Filtration, Micron Filtration, Desalination with Double Pass Reverse Osmosis System, Post Treatment, Water treatment laboratory.





**EPC CONTRACTOR**

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**CONSULTANT**

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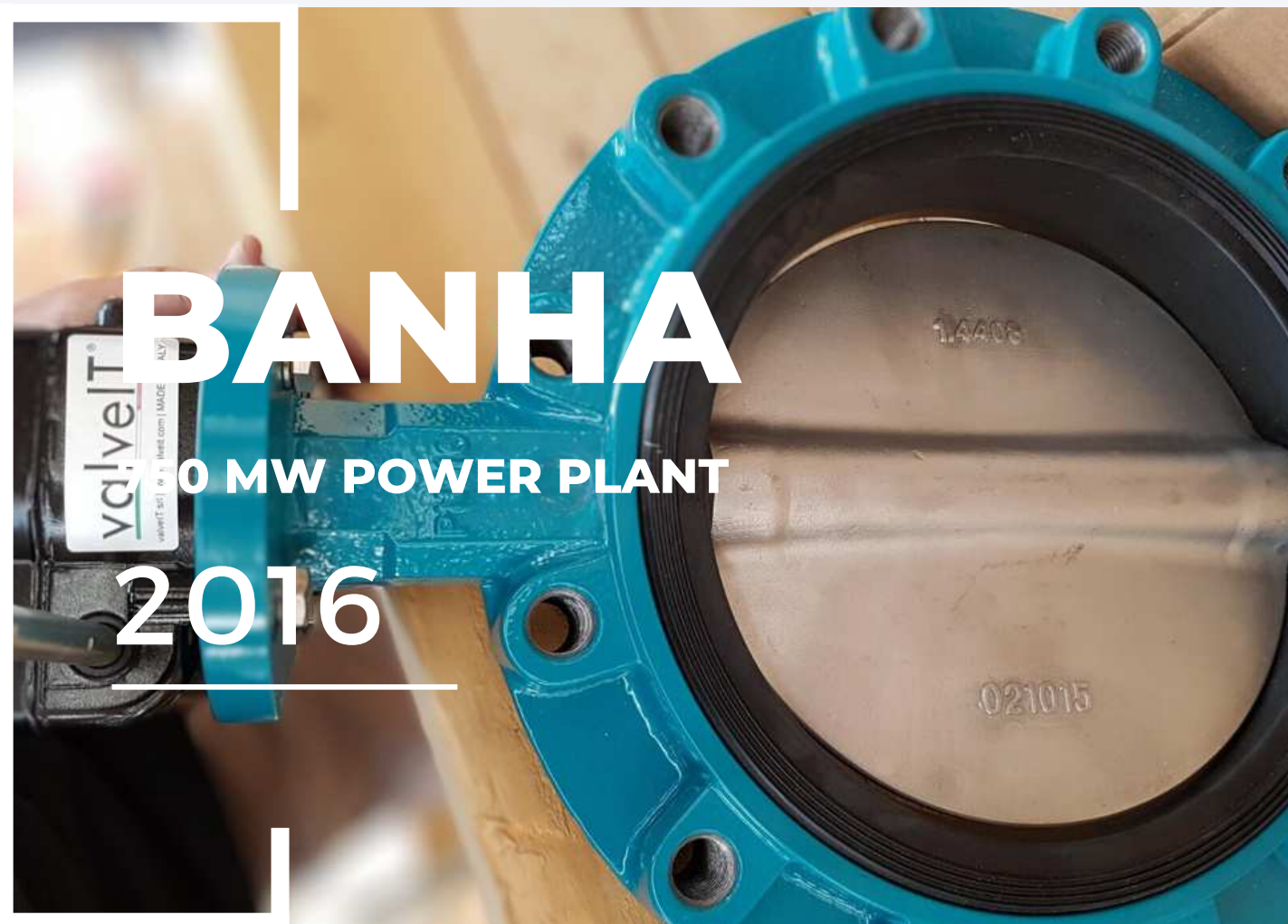
NOPWASD





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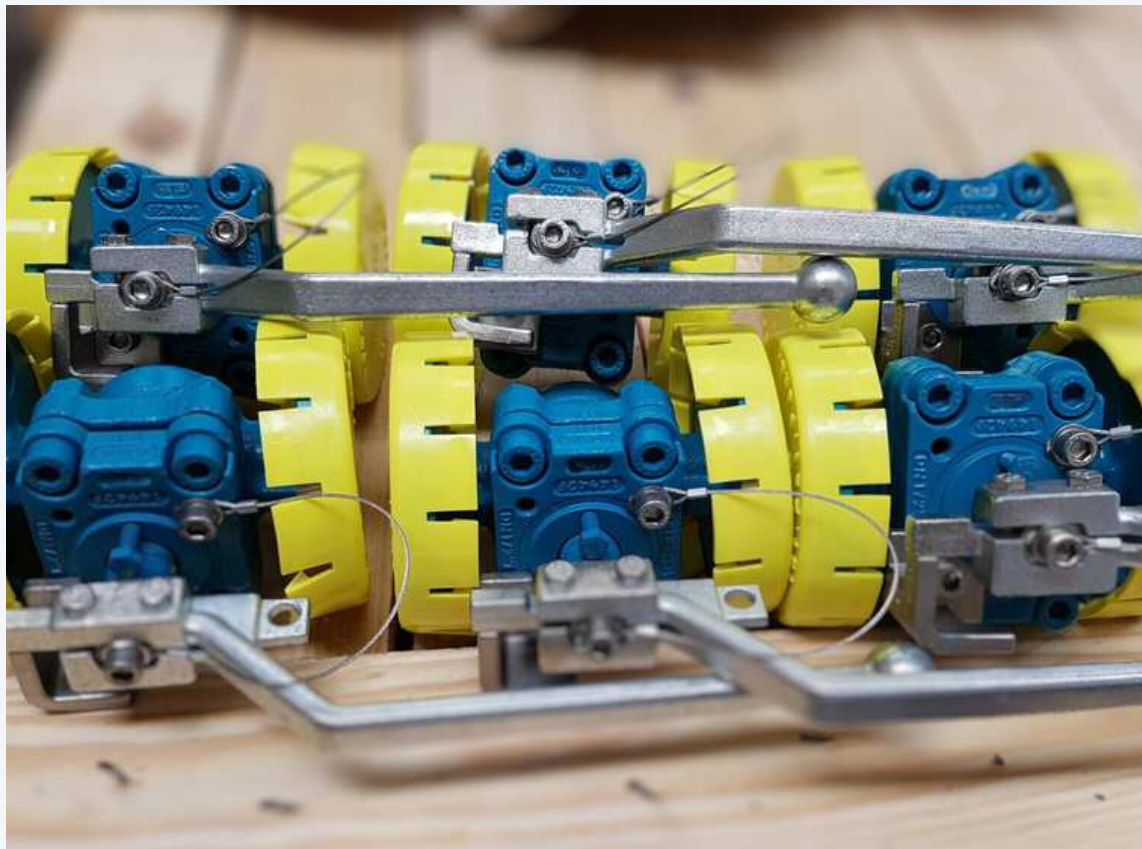
**Location:** Egypt

**Plant Type:** Power Plant

**End User:** Middle Delta Electricity Production Company

The project involves the construction of a power block including two 250 MW Combustion Turbine Generators. Each one feeds exhaust gases to its respective unfired Heat Recovery Steam Generator. The estimated 750 MW output is achieved by burning natural gas in the combustion turbines with no supplementary HRSG firing. Nitrogen Oxide (NOx) emissions are controlled by dry low-NOx (DLN) combustors.





**EPC CONTRACTOR**

PGESCO  
METITO



**CONSULTANT**

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**END-USER**

MIDDLE DELTA ELECTRICITY  
PRODUCTION COMPANY







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## EL TEBBIN

700 MW POWER PLANT

2016




**Location:** Egypt

**Plant Type:** Power Plant

**End User:** Cairo Electricity Production Company

The project involves a steam turbine power plant situated directly on the banks of the Nile, south of Cairo. The power plant run on dual-fuel. The primary fuel being used to power the plant is natural gas. In case of shortage of natural gas the plant can also run on Fuel Oil. The energy generated by El-Tebbin is fed into Egypt's national grid via a 220-kilovolt substation.





**EPC CONTRACTOR**

PGESCO  
METITO



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CAIRO ELECTRICITY  
PRODUCTION COMPANY





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## GIZA NORTH

750 MW POWER PLANT

2016




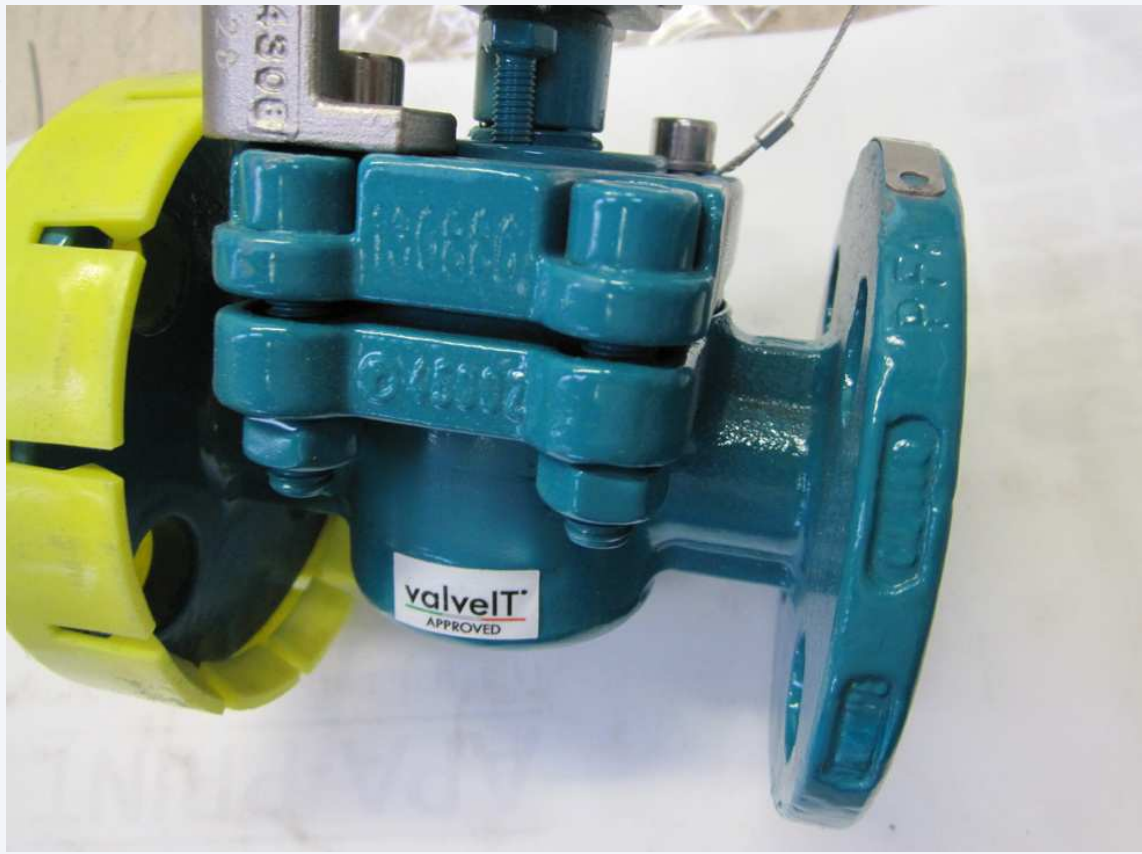
**Location:** Egypt

**Plant Type:** Power Plant

**End User:** Cairo Electricity Production Company

The project involves the construction of three modules each including two 250 MW Combustion Turbine Generators. Each one feeds exhaust gases to its respective unfired Heat Recovery Steam Generator. The estimated 750 MW output is achieved by burning natural gas in the combustion turbines with no supplementary HRSG firing. Nitrogen Oxide (NOx) emissions are controlled by dry low-NOx (DLN) combustors.





**EPC CONTRACTOR**

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## ELWAN

3 X 650 MW POWER PLANTS

2016




**Location:** Egypt

**Plant Type:** Power Plant

**End User:** Upper Egypt Electricity Production Company

The project involves the construction of 3x650 MW steam thermal power plants in the South Elwan area. The plant includes 3 identical Rankine cycle turbine generator units, each with a nominal rated capacity of 650 MW. The units are capable of generating rated capacity using natural gas, residual oil or a combination of both. The three-unit plant arrangement includes an enclosed turbine building, an open boiler structure, a common control room, and all associated structures and facilities.





**EPC CONTRACTOR**

PGESCO  
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# SUEZ

650 MW POWER PLANT

2016




**Location:** Egypt

**Plant Type:** Power Plant

**End User:** Upper Egypt Electricity Production Company

The project involves the construction of a 650 MW steam thermal power plant in the Suez area in order to interconnect the National Unified Power System through a 220 KV GIS switchyard. The plant includes one Rankine cycle turbine generator units with a nominal rated capacity of 650 MW. The units is capable of generating rated capacity using natural gas, residual oil or a combination of both.





**EPC CONTRACTOR**

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## MOPCO 1&2

### UREA & AMMONIA FERTILIZER PLANT

## 2016




**Location:** Egypt

**Plant Type:** Urea & Ammonia Production Plant

**End User:** Misr Fertilizers Production Company

The project involves the construction of two urea and ammonia fertilizer plant of the Misr Fertilizers Production Company inside the free zone of Damietta. Each plant produces approximately 1200 metric tons per day (mtpd) of Ammonia (UHDE technology), 1925 mtpd urea Granulation (Stamicarbon technology).





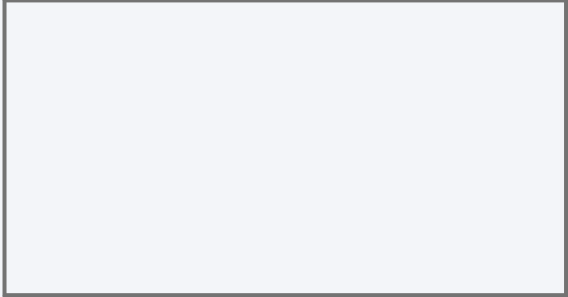
**EPC CONTRACTOR**

VEOLIA



**CONSULTANT**

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**END-USER**

MISR FERTILIZERS PRODUCTION COMPANY (MOPCO)

