



# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## REFERENCE LIST

PRO AT FLUID CONTROL





# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## CORSO

40.000 M3/DAY SWRO PLANT

2022




**Location:** Algeria

**Plant Type:** Desalination Plant

**End User:** Sonatrach - Cosider

The project involves construction of a 40,000 m<sup>3</sup>/day SWRO Plant for the production of drinking water, which is reportedly expected to be doubled to 80,000 m<sup>3</sup>/day. Located in northern Algeria, in the Kabylia region, between Algiers and Tizi-Ouzou, Boumerdès is reportedly one of 22 wilayas that are most affected by water stress in the North African country.







## EPC CONTRACTOR

METITO

**METITO**



## CONSULTANT

-

## END-USER

SONTRACH - COSIDER



**cosider** کوسیدار





# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## 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.





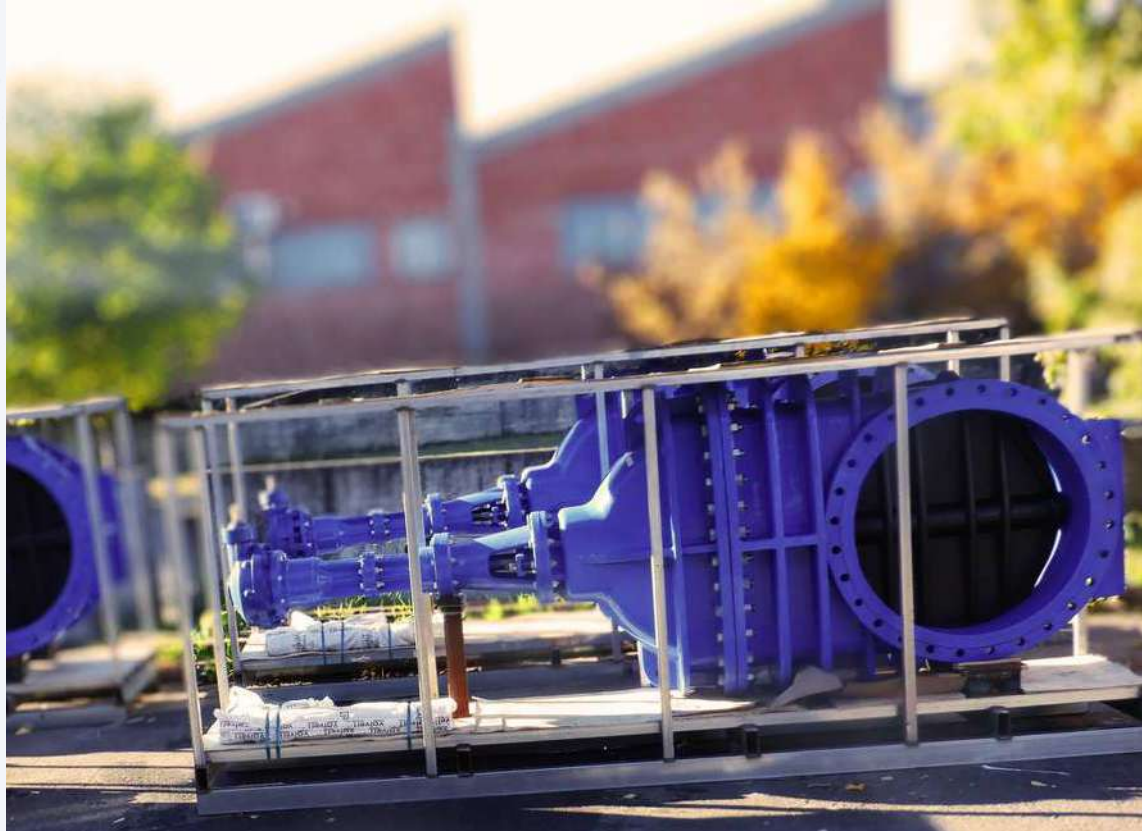


**EPC CONTRACTOR**

INTECH  
HASSAN ALLAM



HASSAN ALLAM  
HOLDING



**CONSULTANT**

—

**END-USER**


GOVERNMENT OF EGYPT





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## EBIC

### 2.000 TON/DAY AMMONIA PLANT

## 2022



**Location:** Egypt

**Plant Type:** Ammonia Plant

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

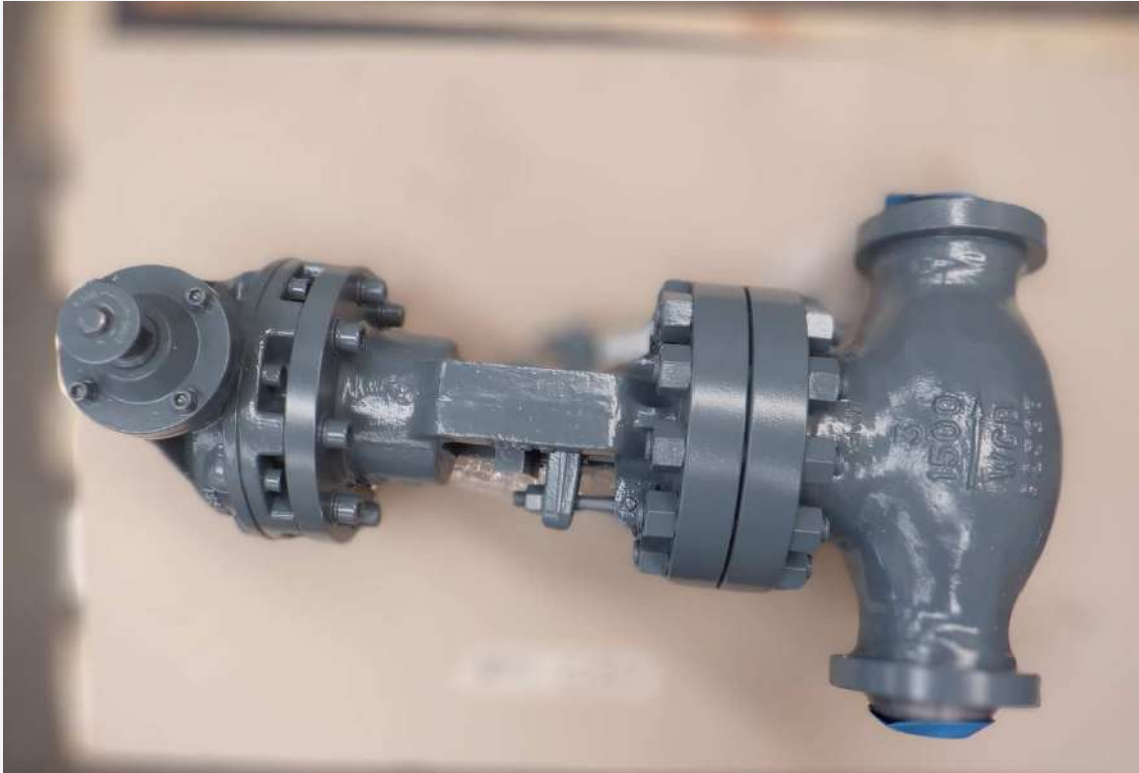
The project involves construction of a 2,000 metric ton per day liquid ammonia plant is located near the Red Sea at Ain Sokhna, Egypt. This greenfield plant began production in 2009 following fast-track engineering, procurement, and construction (EPC) based on the Construction Industry Institute's PEPc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







EPC CONTRACTOR



CONSULTANT

END-USER

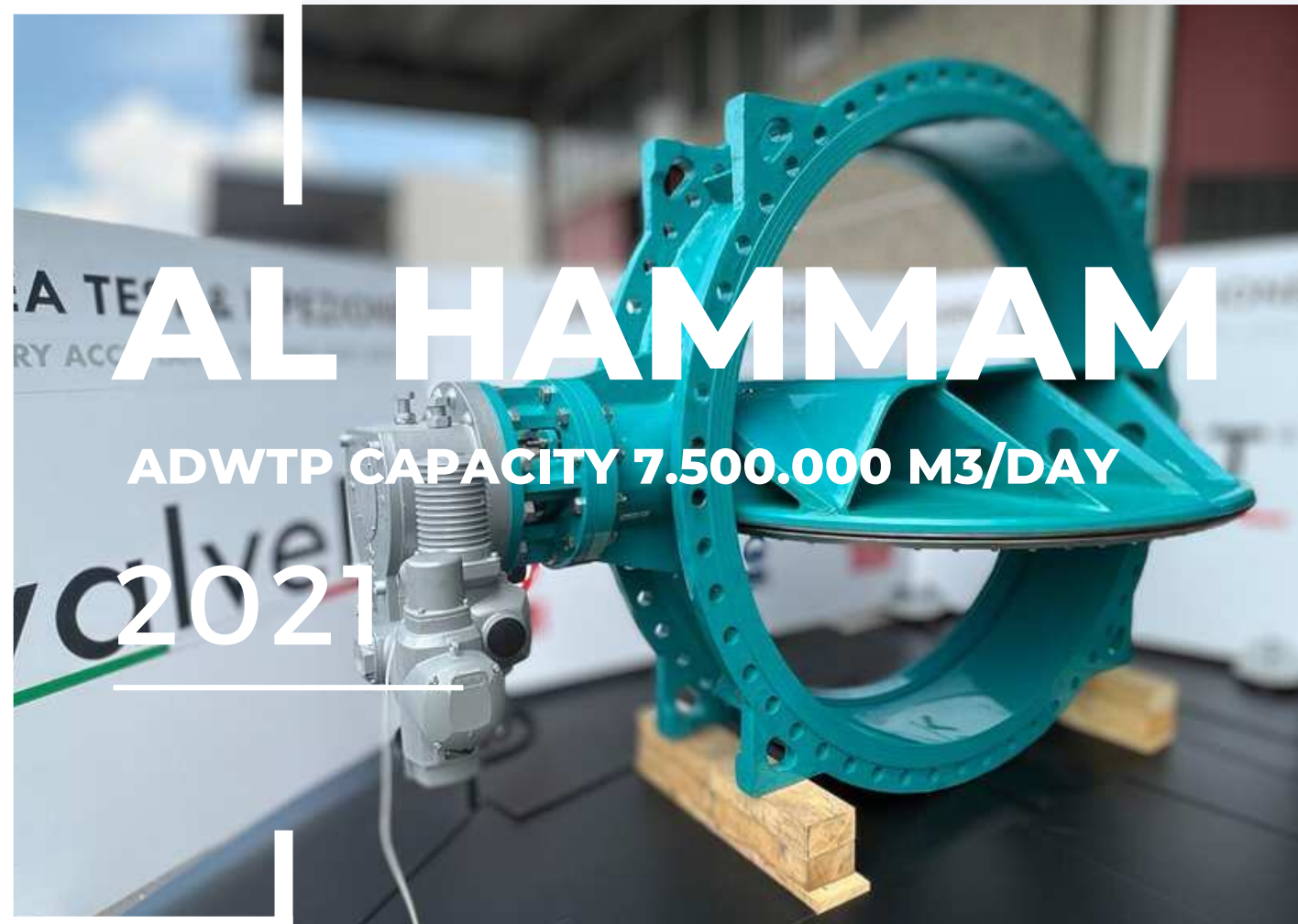
EBIC





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)




**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.







## EPC CONTRACTOR

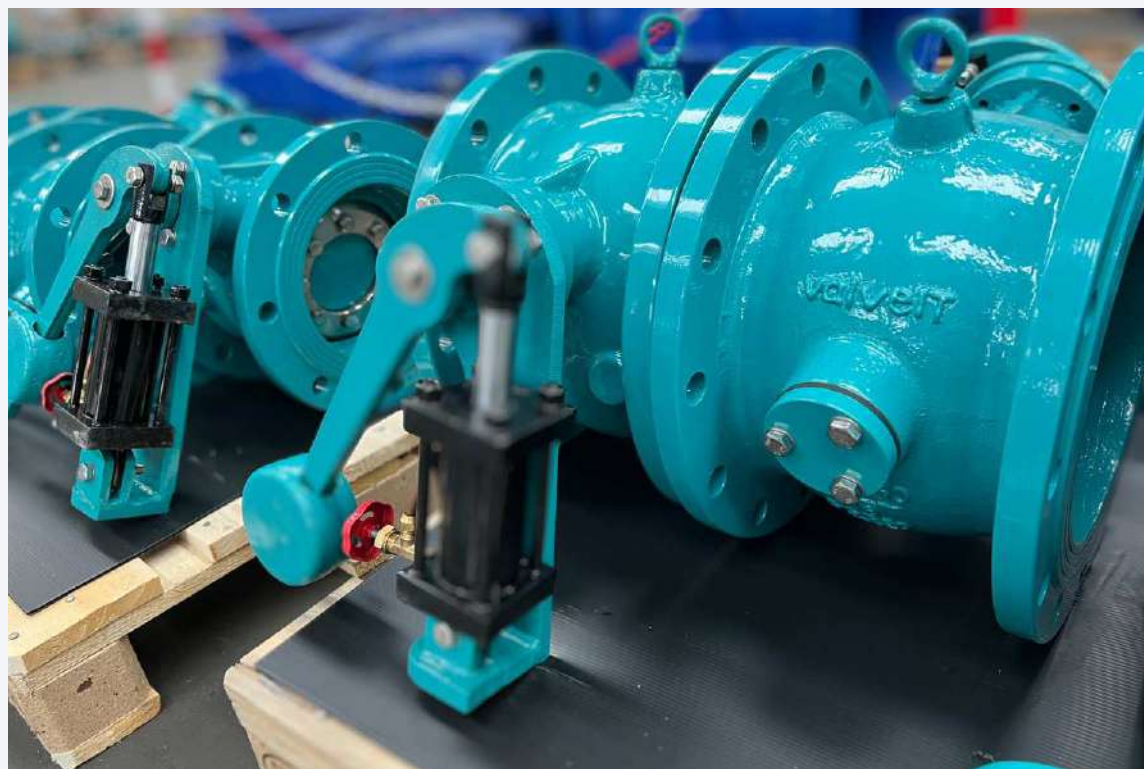
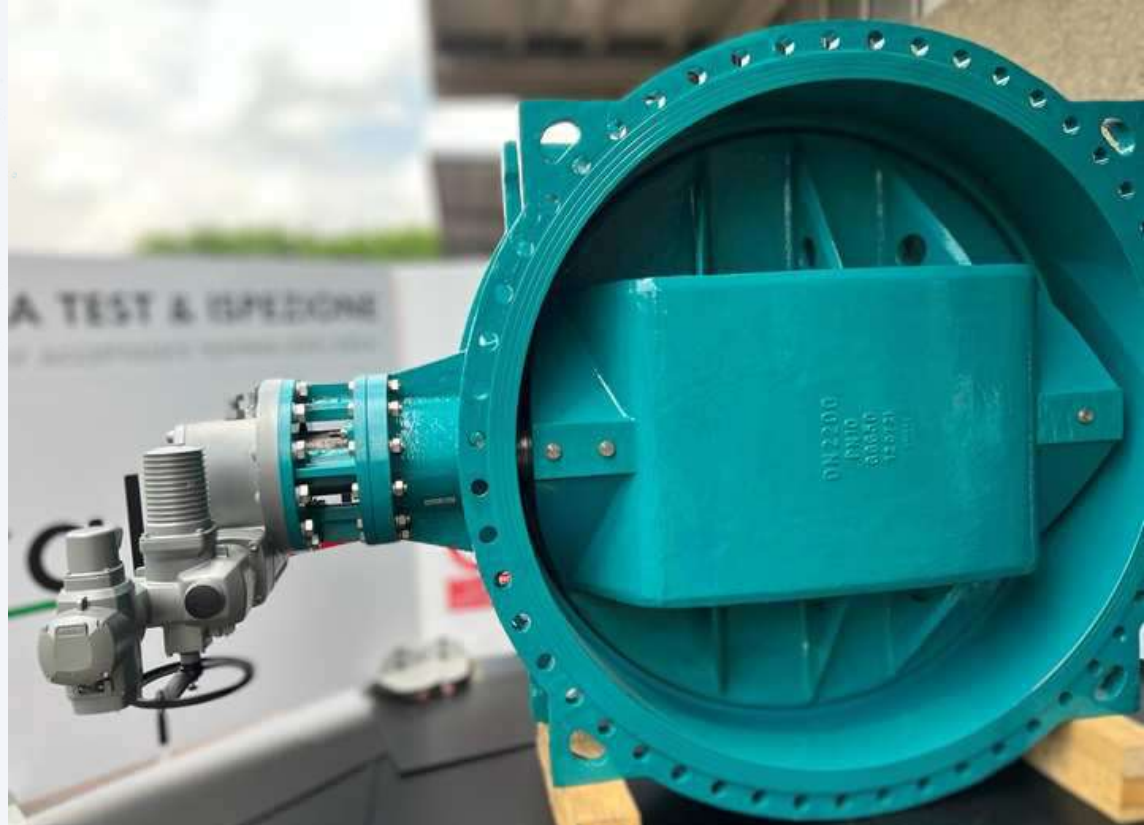
METITO  
THE ARAB CONTRACTORS  
ORASCOM  
HASSAN ALLAM

**METITO**



**ORASCOM**  
CONSTRUCTION

HASSAN ALLAM  
HOLDING



## CONSULTANT

KHATIB & ALAMI



## END-USER

GOVERNMENT OF EGYPT  
(WATER DEPARTMENT)







# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## CBD

CENTRAL BUSINESS DISTRICT NEW CAIRO

## 2021




**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



中國建築  
CHINA STATE CONSTRUCTION



CONSULTANT

DAR AL-HANDASAH

dar

END-USER

GOVERNMENT OF EGYPT







# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## MADINATY

40.000 M3/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

-

## END-USER

ARAB COMPANY FOR PROJECTS  
AND URBAN DEVELOPMENT





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



# 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.







## EPC CONTRACTOR

SIAC  
ORASCOM



## CONSULTANT

SHAKER CONSULTANCY GROUP



## END-USER

AHL MASR FOUNDATION





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## 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

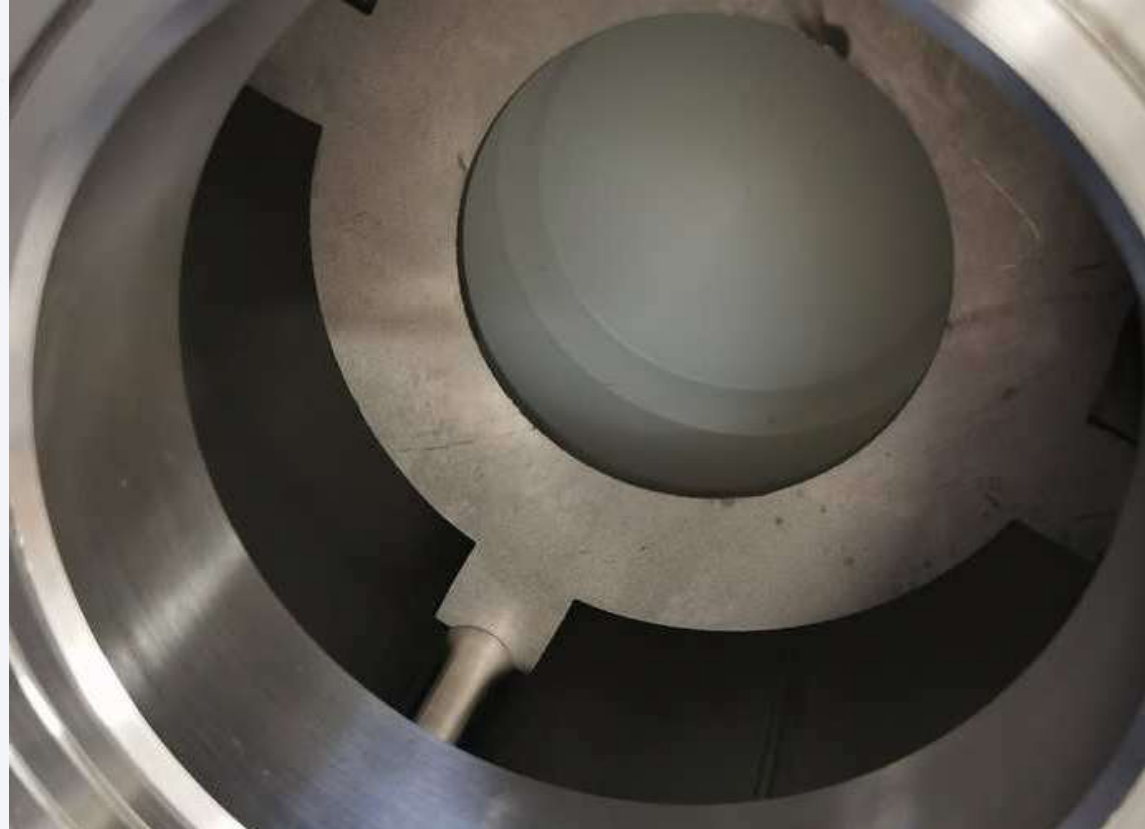






## EPC CONTRACTOR

METITO  
ORASCOM



## CONSULTANT

-

## END-USER

GOVERNMENT OF EGYPT







# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



# CAIRO

## NEW CAPITAL DISTRICT COOLING PLANT

# 2019



**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







# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## 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.

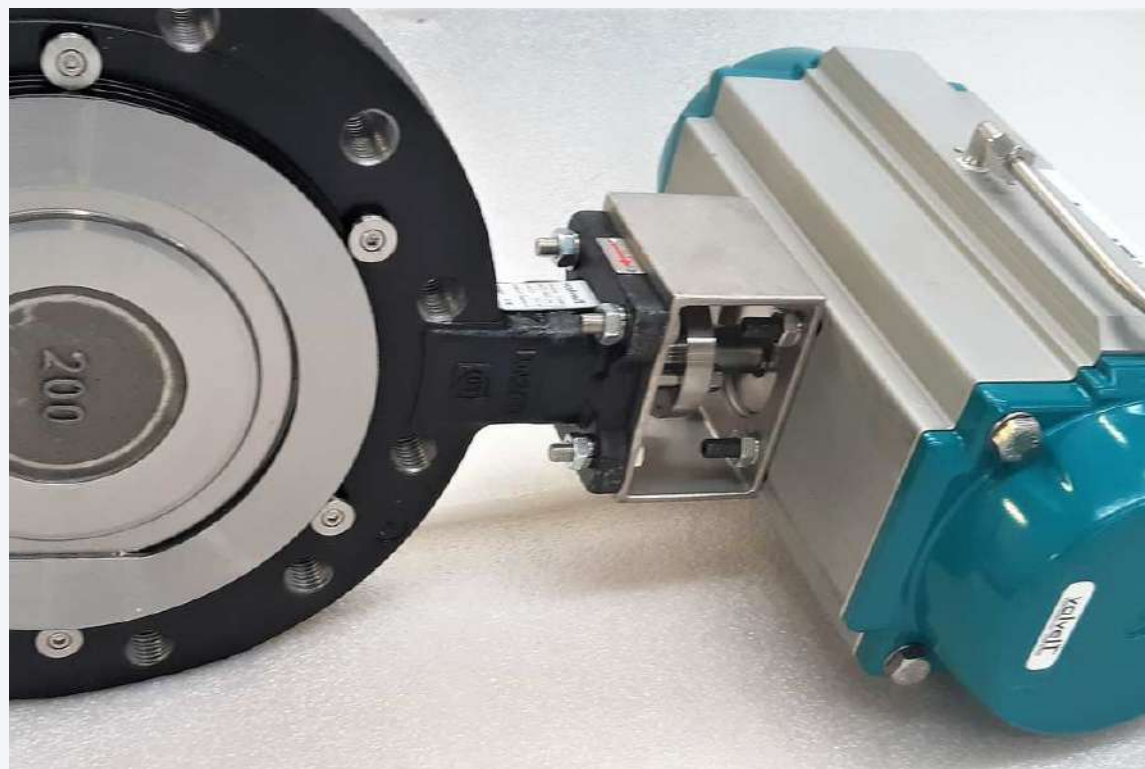
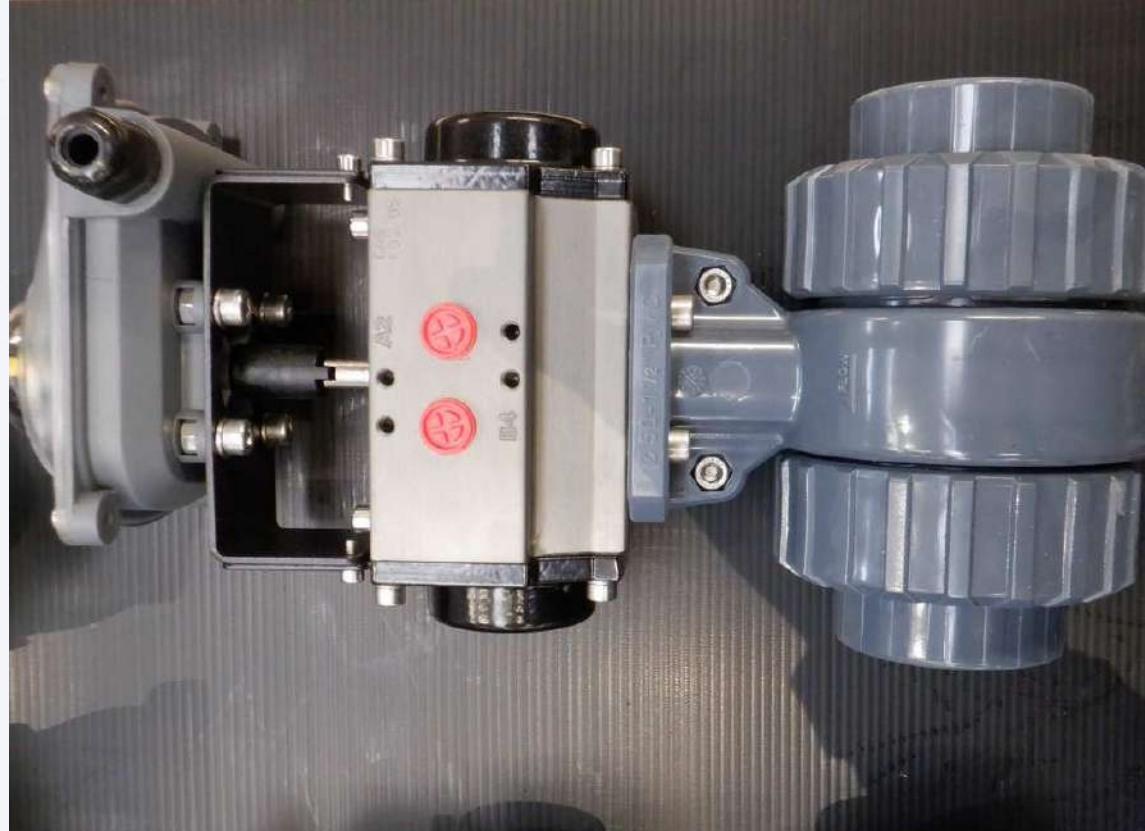






EPC CONTRACTOR

VEOLIA



CONSULTANT

-

END-USER

GOVERNMENT OF EGYPT

-





# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## PORT SAID

250.000 M3/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.







## EPC CONTRACTOR

METITO  
ORASCOM



**METITO**



**ORASCOM**  
CONSTRUCTION

## CONSULTANT

EGYPTIAN ARMED FORCES  
ENGINEERING AUTHORITY



## END-USER

GOVERNMENT OF EGYPT





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



# 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 Srahuim siphon.







## EPC CONTRACTOR

METITO  
HASSAN ALLAM



HASSAN ALLAM  
HOLDING



## CONSULTANT

EGYPTIAN ARMED FORCES  
ENGINEERING AUTHORITY



## END-USER

GOVERNMENT OF EGYPT







# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## OWEIKAL

500.000 M3/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.







## EPC CONTRACTOR

METITO  
HASSAN ALLAM

**METITO**



**HASSAN ALLAM**  
HOLDING



## CONSULTANT

MISR CONSULT



## END-USER

GOVERNMENT OF EGYPT







# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



**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 m3/day (6 RO skids with capacity of each one 5,000 m3/day).



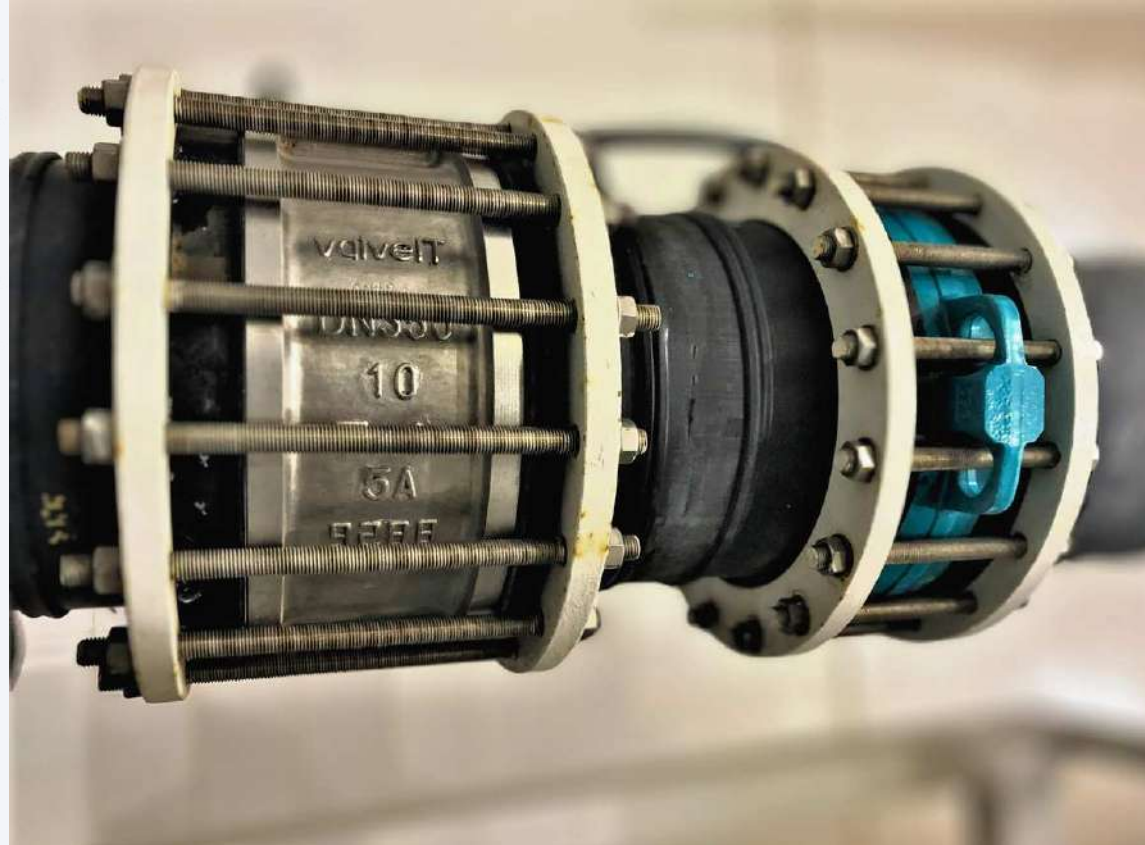




## EPC CONTRACTOR

METITO

**METITO**



## CONSULTANT

-

## END-USER

NOPWASD





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## AL GALALA

150.000 M3/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 lenght; 10 Reverse Osmosis Skids with a 15.000 m<sup>3</sup>/day capacity each.







EPC CONTRACTOR

METITO  
ORASCOM

**METITO**



**ORASCOM**  
CONSTRUCTION

CONSULTANT

-

END-USER

GOVERNMENT OF EGYPT

-





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## ALYOSR

HURGHADA 80,000 M3/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

METITO

METITO



CONSULTANT

-

END-USER

NOPWASD

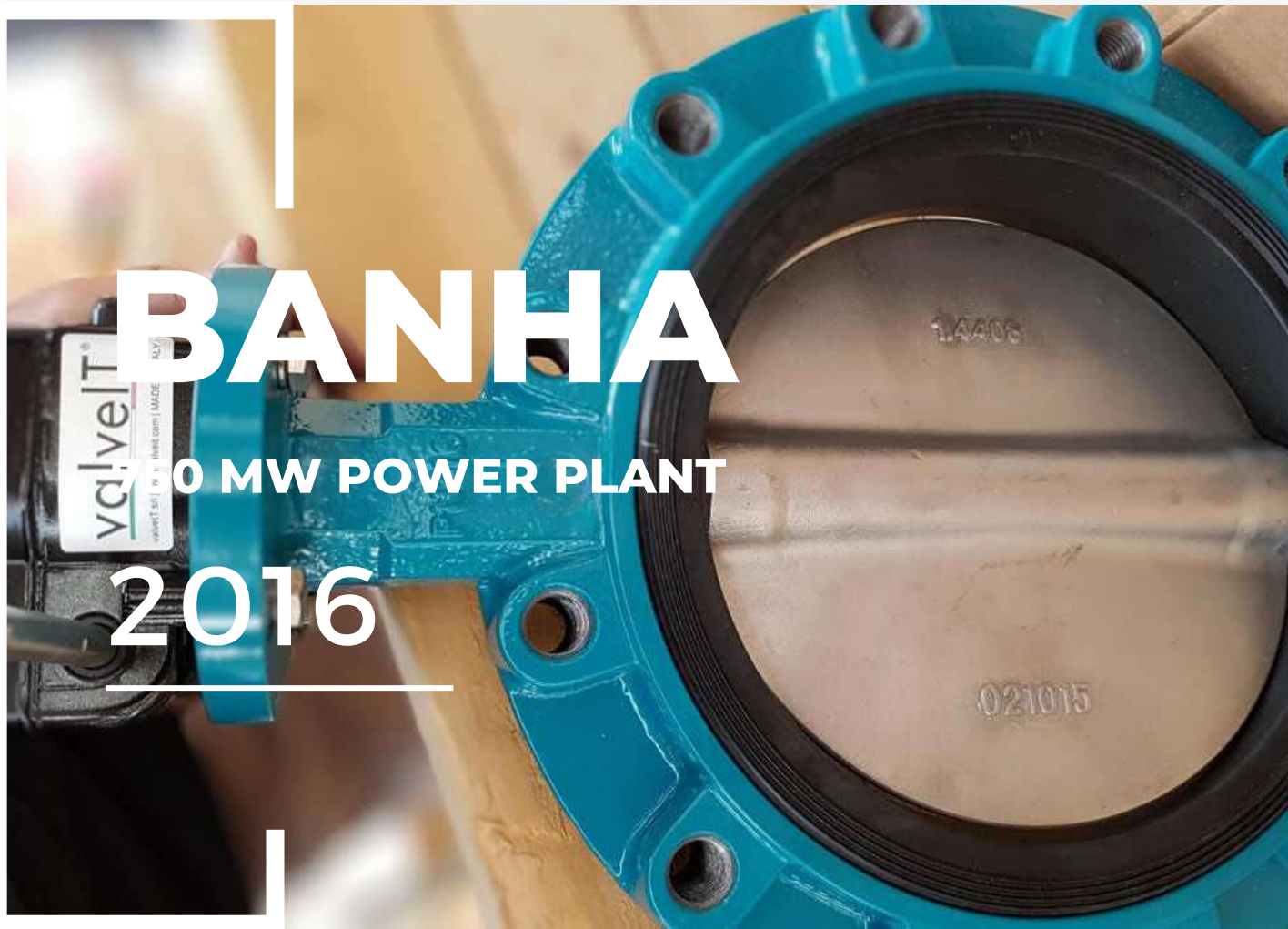
-





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)




**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.





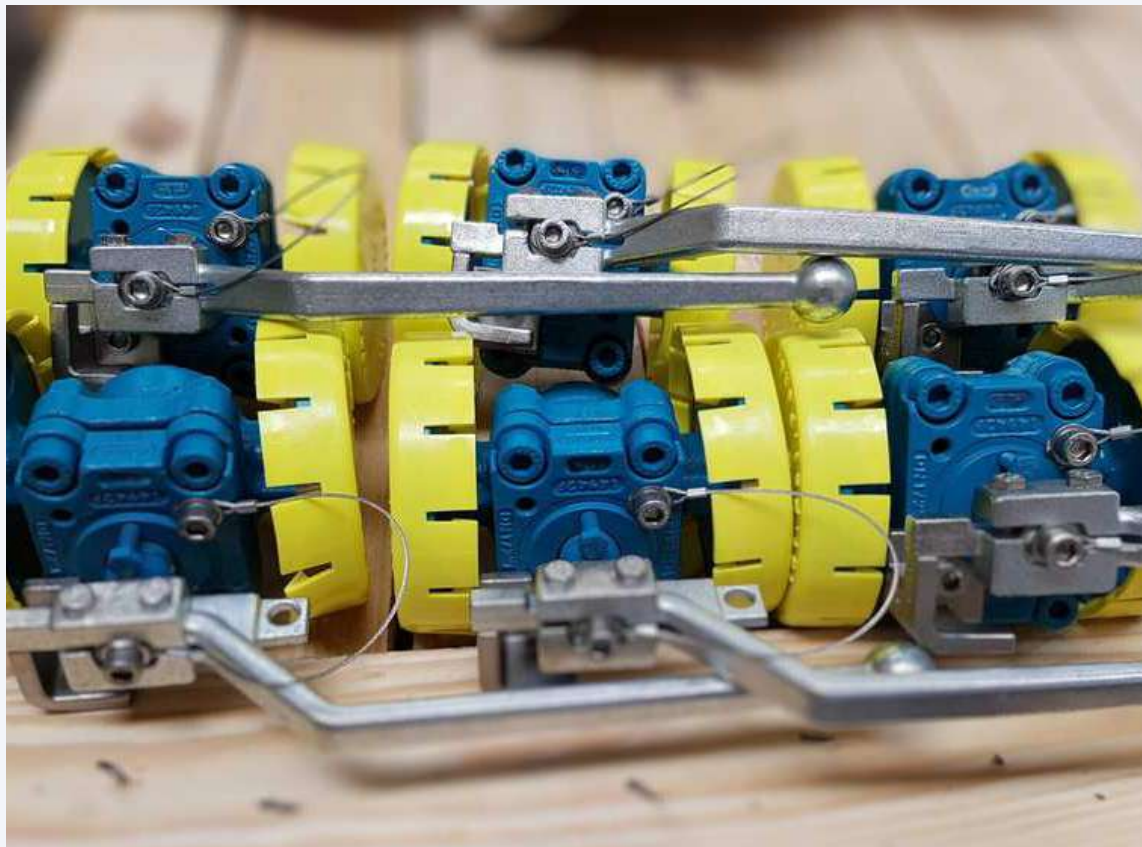


## EPC CONTRACTOR

PGESCO  
METITO



**METITO**



## CONSULTANT

-

## END-USER

MIDDLE DELTA ELECTRICITY  
PRODUCTION COMPANY







# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## ELTEBBIN

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



**METITO**



## CONSULTANT

-

-

## END-USER

CAIRO ELECTRICITY  
PRODUCTION COMPANY





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## 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.





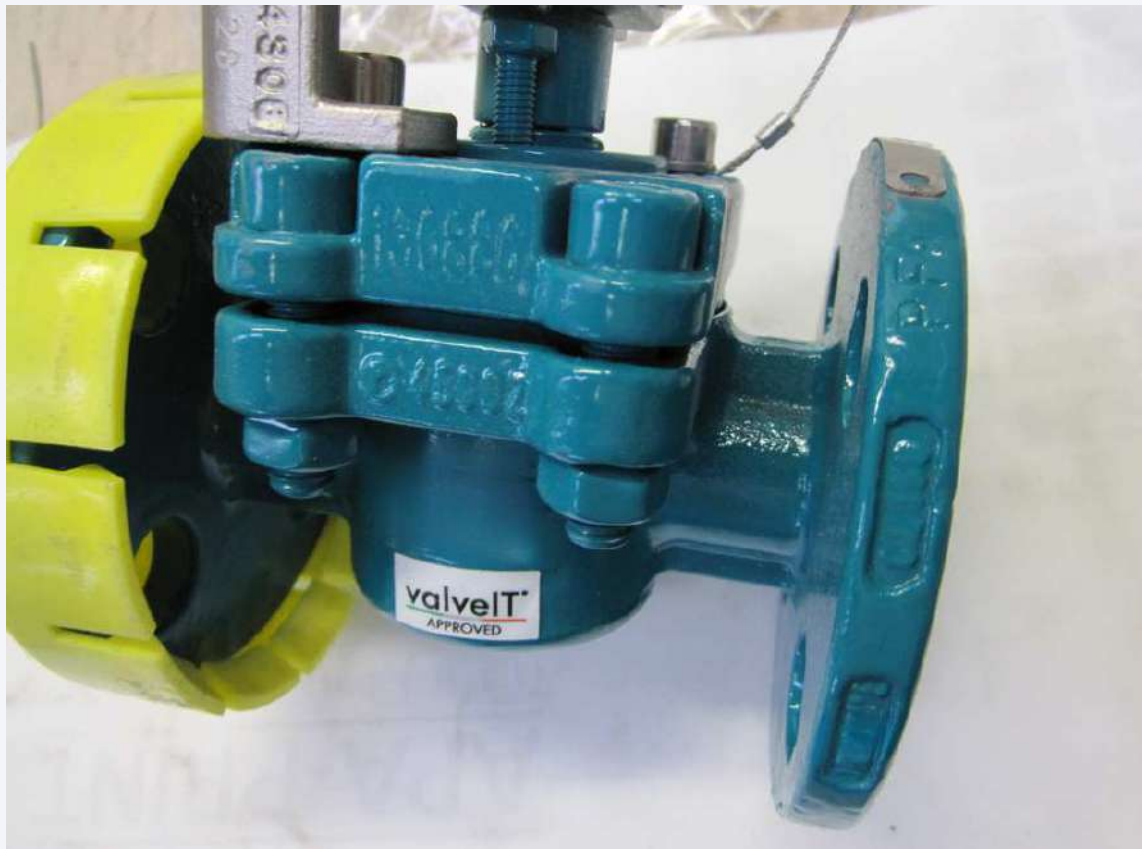


## EPC CONTRACTOR

PGESCO  
METITO



**METITO**



## CONSULTANT

-

-

## END-USER

CAIRO ELECTRICITY  
PRODUCTION COMPANY





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## 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  
VEOLIA



## CONSULTANT

-

-

## END-USER

UPPER EGYPT ELECTRICITY  
PRODUCTION COMPANY





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



**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.

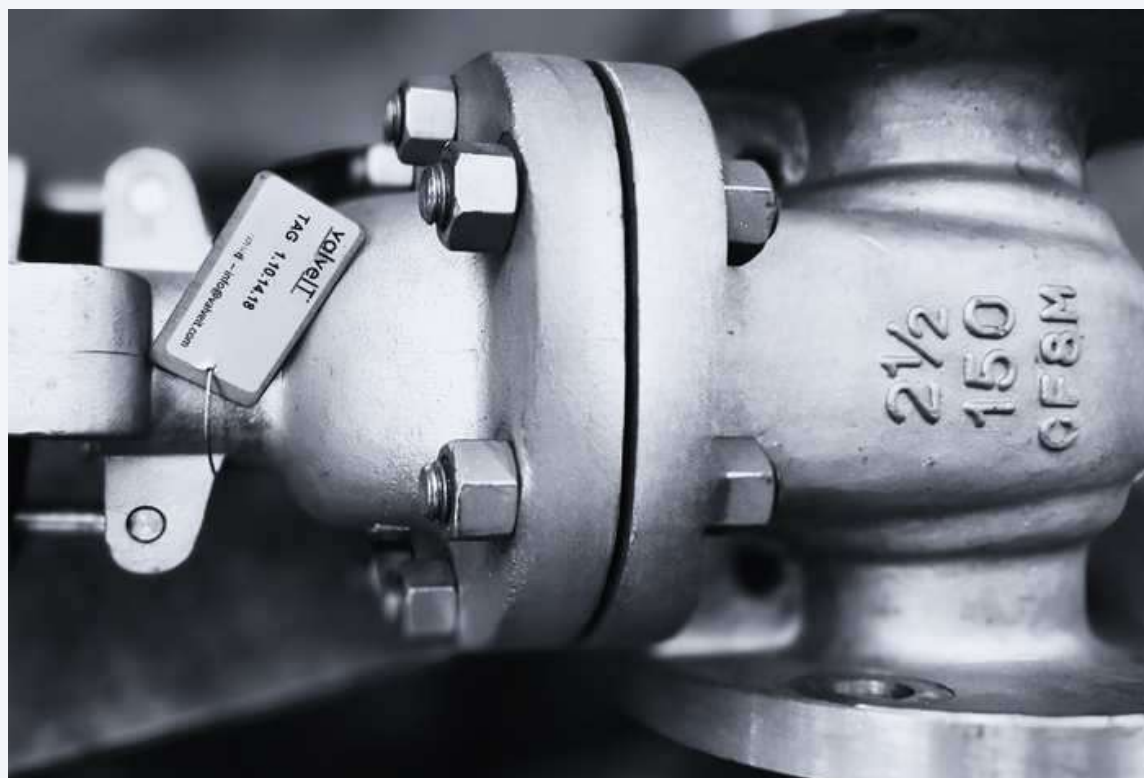






## EPC CONTRACTOR

PGESCO  
VEOLIA



## CONSULTANT

-

-

## END-USER

UPPER EGYPT ELECTRICITY  
PRODUCTION COMPANY





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## 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

-

## END-USER

MISR FERTILIZERS PRODUCTION  
COMPANY (MOPCO)





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



# HAWASSA

AIRPORT NEW DEPOT

# 2020



**Location:** Ethiopia

**Plant Type:** Airport

**End User:** NOC - National Oil Ethiopia PLC

The project involves the construction of 3 km asphalt runway, taxiway, apron and passenger terminal. Hawassa is the seat of the Southern Nations, Nationalities and Peoples Regional State. Located 273 km south of Addis Ababa on the shore of Lake Hawassa, the town is known for its fancy resort hotels. With close proximity to the hot springs of Wondo Genet and Langano beaches, the town is a major tourist attraction in the south.







## EPC CONTRACTOR

NOC  
NATIONAL OIL ETHIOPIA



## CONSULTANT

-

## END-USER

ETHIOPIAN AIRPORTS ENTERPRISE





# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## VILLEJEAN

RENNES CITY INCERINATOR RESTRUCTURING

2023




**Location:** France

**Plant Type:** Waste-to-Energy Plant

**End User:** Rennes Métropole

The project involves the restructuring of the Villejean Incinerator as part of the full modernization of the the Rennes Métropole waste-to-energy plant. The Rennes Métropole plant treats 144,000 tons/year of waste and generates 31,000 MWh of electricity in addition to district heating for 20,000 homes. The plant modernization project allows retaining its treatment capacity by spreading it over two new 9 tons/hr. line.







## EPC CONTRACTOR

FISIA ITALIMPIANTI  
(WEBUILD GROUP)



## CONSULTANT

SOCOTEC



## END-USER

RENNES MÉTROPOLE





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## MHPS

### MUARA KARANG COMBINED CYCLE PLANT

## 2019




**Location:** Indonesia

**Plant Type:** Gas-Turbine Combined Cycle Plant

**End User:** PLN - PT Perusahaan Listrik Negara

The project involves a 500 MW expansion of the Muara Karang natural-gas-fired gas turbine combined cycle (GTCC) power plant. Muara Karang Power Plant is located approximately 10 kilometers (km) northeast of the capital Jakarta. This project is part of a 35,000 MW power expansion program under way by the Indonesian Government to meet the country's rapidly increasing demand for electric power along with economic growth.







## EPC CONTRACTOR

mitsubishi hitachi  
POWER SYSTEMS



mitsubishi hitachi  
POWER SYSTEMS



## CONSULTANT

-

## END-USER

PT PERUSAHAAN LISTRIK NEGARA  
(PLN)



PLN





# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## SILLA 2

### WASTE-TO-ENERGY PLANT

## 2021




**Location:** Italy

**Plant Type:** Waste-to-Energy Plant

**End User:** A2A

The project involves the modernization of the "Silla 2" waste-to-energy plant, located in the north-west area of Milan. The plant is capable of treating over 500,000 tonnes of waste (avoiding the emission of over 429,000 tonnes of carbon dioxide). It produces electricity and hot water for the district heating network which supplies several districts of Milan and the Rho Exhibition hub.







EPC CONTRACTOR

SIMIC SPA



CONSULTANT

-

END-USER

A2A







# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## SABAH

AL-AHMAD SEA CITY 40.000 M<sup>3</sup>/DAY STP

## 2018




**Location:** Kuwait

**Plant Type:** Wastewater Treatment Plant

**End User:** La'al Al Kuwait Real Estate Co. K.S.C.

The project involves the extension of the existing A1 sewage treatment plant (STP) increasing the peak flow by a rate of 28.00. m<sup>3</sup>/day. In addition, the construction of a new A5 STP, with a peak flow rate of 46.000 m<sup>3</sup>/day is involved. The project has brought the sea almost 9km from the Gulf sea, and has created 200km of tidal shoreline and beaches.







## EPC CONTRACTOR

VEOLIA  
ALGHANIM INTERNATIONAL



Alghanim International General  
Trading & Contracting Co. WLL



## CONSULTANT

KEO



## END-USER

LA'AL AL KUWAIT REAL ESTATE CO.  
K.S.C.







# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



# LESOTHO

## HIGHLANDS WATER PROJECT PHASE II STP

# 2019




**Location:** Lesotho

**Plant Type:** Wastewater Treatment Plant

**End User:** Lesotho Highlands Development Authority

The project involves the construction of a Wastewater Treatment Plant for the Leostho Highlands Water Project Phase II. LHWP Phase II includes the construction of the Polihali Dam and reservoir, water transfer tunnel and the associated access roads, bridges, accommodation, electrical transmission lines and telecommunications infrastructure, will impact on communities in Mokhotlong and adjoining districts.







## EPC CONTRACTOR

METITO

**METITO**



## CONSULTANT

-

## END-USER

LESOTHO HIGHLANDS  
DEVELOPMENT AUTHORITY





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## LISCO

3.000 M3/DAY WWTP

## 2019




**Location:** Libya

**Plant Type:** Wastewater Treatment Plant

**End User:** LISCO - Libyan Iron & Steel Company

The project involves the construction of a 3.000 m<sup>3</sup>/day Wastewater Treatment Plant for the Libyan Iron & Steel Company Complex to be reused in the plant cooling system. This station processes receive sewage water from both the company plant and the residential camps, stored in 6 rainwater drainage units distributed all over the area of the complex







## EPC CONTRACTOR

METITO

**METITO**



## CONSULTANT

-

## END-USER

LIBYAN IRON & STEEL COMPANY  
(LISCO)





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



# RESORT

## BODUFINOLHU BEACH

# 2022




**Location:** Maldives

**Plant Type:** Hotel Resort

**End User:** Barcelo Hotel Group

The project involves the construction of the Bodufinolhu Beach Resort with 100 rooms in the South Ari Atoll, Maldives.







## EPC CONTRACTOR

BROWNS ARI RESORT



**Browns**

HOTELS & RESORTS



## CONSULTANT

-

-

## END-USER

BARCELO HOTEL GROUP

**Barceló**  
HOTEL GROUP





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## ALILA KOTHAIFARU RESORT 2021



**Location:** Maldives

**Plant Type:** Hotel Resort

**End User:** Hyatt Hotels (Alila)

The project involves the construction of 80 villas of which 36 placed over the seawater located in Raa Atoll a short 45min seaplane flight from Male. Management of the resort is on Hyatt Hotels Company under their Alila brand range.







EPC CONTRACTOR

SANKEN CONSTRUCTION  
ORCA HOLDING

**Sanken**  
CONSTRUCTION  
*sky's the limit*



CONSULTANT

-

END-USER

HYATT HOTELS (ALILA)

-

**Alila**  
HOTELS AND RESORTS





# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## MANZANILLO

### ÁLVAREZ MORENO COMBINED CYCLE PLANT

## 2022




**Location:** Mexico

**Plant Type:** Thermoelectrical & Combined Cycle Plant

**End User:** CFE - Comisión Federal de Electricidad

The project involves the construction of Unidad 10 of the Manzanillo (Manuel Álvarez Moreno) power station (Complejo Termoeléctrico de Manzanillo). This power plant is a 2154-megawatt (MW) operating power station in Manzanillo, Colima, Mexico, fueled by fuel oil, liquefied natural gas, and gas. Both combined cycle and thermoelectrical technologies are applied in the plant.







**EPC CONTRACTOR**

COMISIÓN FEDERAL DE  
ELECTRICIDAD (CFE)



**CONSULTANT**

-

**END-USER**

COMISIÓN FEDERAL DE  
ELECTRICIDAD (CFE)








# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## AGUAMILPA

DAM HYDROELECTRICAL POWER PLANT

## 2022




**Location:** Mexico

**Plant Type:** Hydroelectrical Power Plant

**End User:** CFE - Comisión Federal de Electricidad

The project involves the restructuring of the Aguamilpa Dam, more formally called the Aguamilpa Solidaridad Dam. This dam is an hydroelectric power station located in the bed of the Río Grande de Santiago in the municipality of Tepic, Nayarit. It has a capacity to generate 960 megawatts of electricity with a reservoir of 5.540 approximate capacity to hold 5,540 hm<sup>3</sup> of water, It has a height of 186 meters and a length of 660 meters, less than 80 km upstream is the El Cajón Dam.







EPC CONTRACTOR

COMISIÓN FEDERAL DE  
ELECTRICIDAD (CFE)



CONSULTANT

END-USER

COMISIÓN FEDERAL DE  
ELECTRICIDAD (CFE)

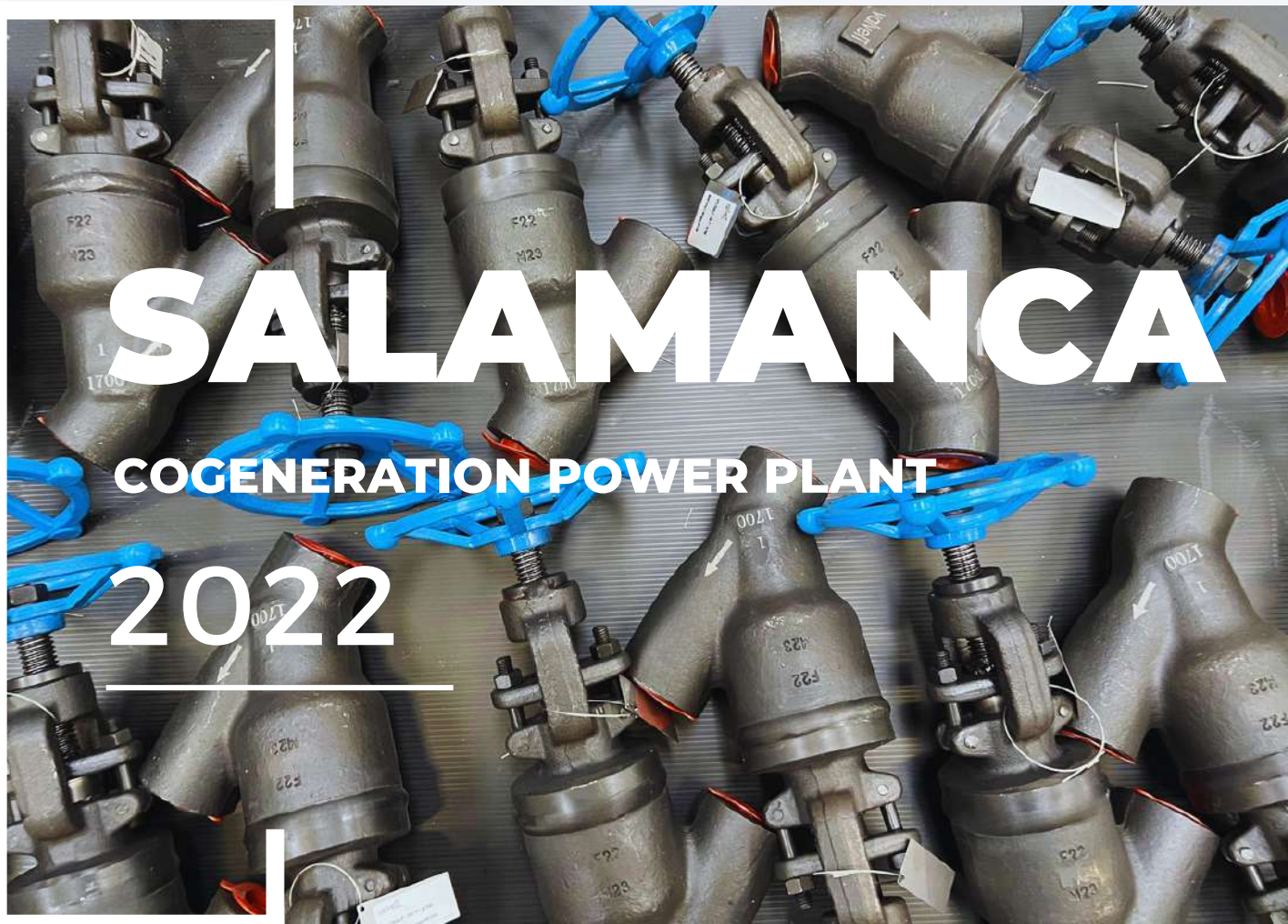






# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)




**Location:** Mexico

**Plant Type:** Cogeneration Power Plant

**End User:** CFE - Comisión Federal de Electricidad

The project involves the restructuring of the Salamanca Cogeneration power plant located in the state of Guanajuato. The plant produces 8.900 MW/day of electrical energy and is intended to optimized the energy use and cost of the Pemex's Ing. Antonio M. Amor Refinery.

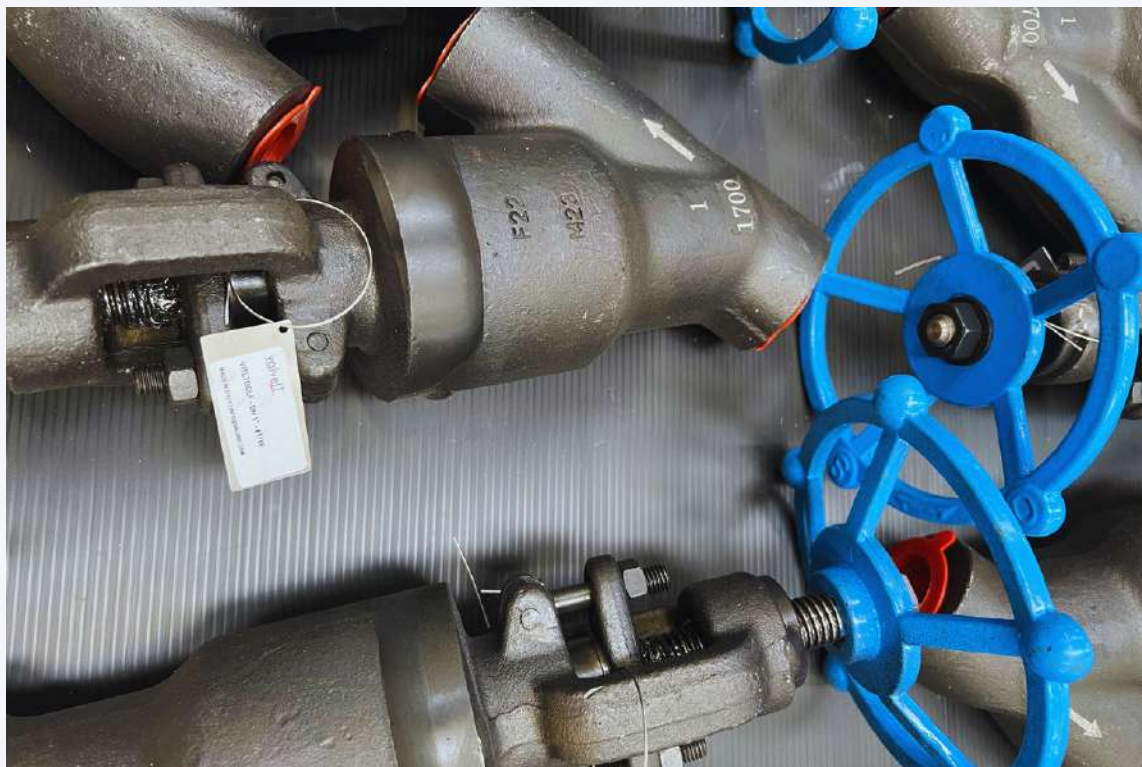
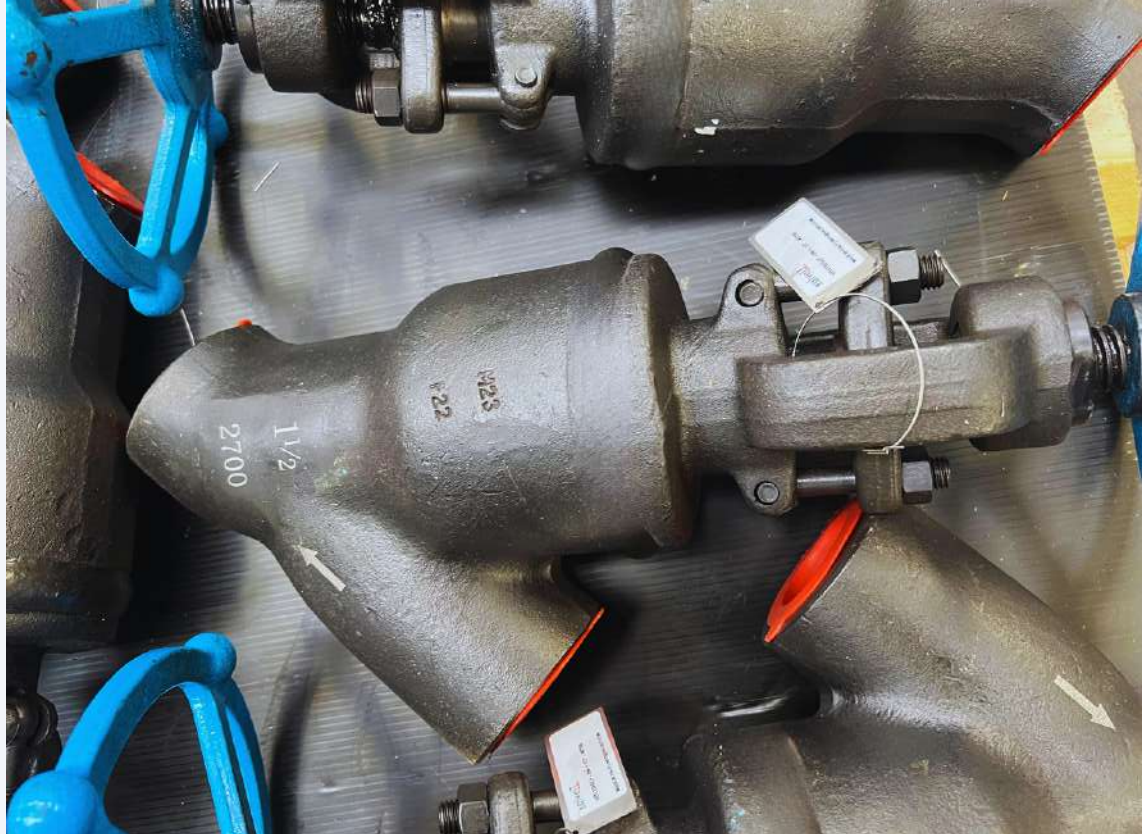






EPC CONTRACTOR

COMISIÓN FEDERAL DE  
ELECTRICIDAD (CFE)



**CFE**  
Comisión Federal de Electricidad

CONSULTANT

END-USER

COMISIÓN FEDERAL DE  
ELECTRICIDAD (CFE)

**CFE**  
Comisión Federal de Electricidad







# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



# TERNIUM

## PESQUERÍA HOT ROLLING MILL PLANT

# 2019




**Location:** Mexico

**Plant Type:** Steel Plant

**End User:** Ternium

The project involves the construction of a new Ternium hot rolling plant in Pesquería, Nuevo León. The Hot Rolling Mill is almost one kilometer long and has a production capacity of 4.4 million tons of steel per year. Furthermore, it has the latest technology equipment and it is 100% automated, having more than 6,000 sensors installed throughout the mill, which turn it into one of the most innovative ones worldwide.

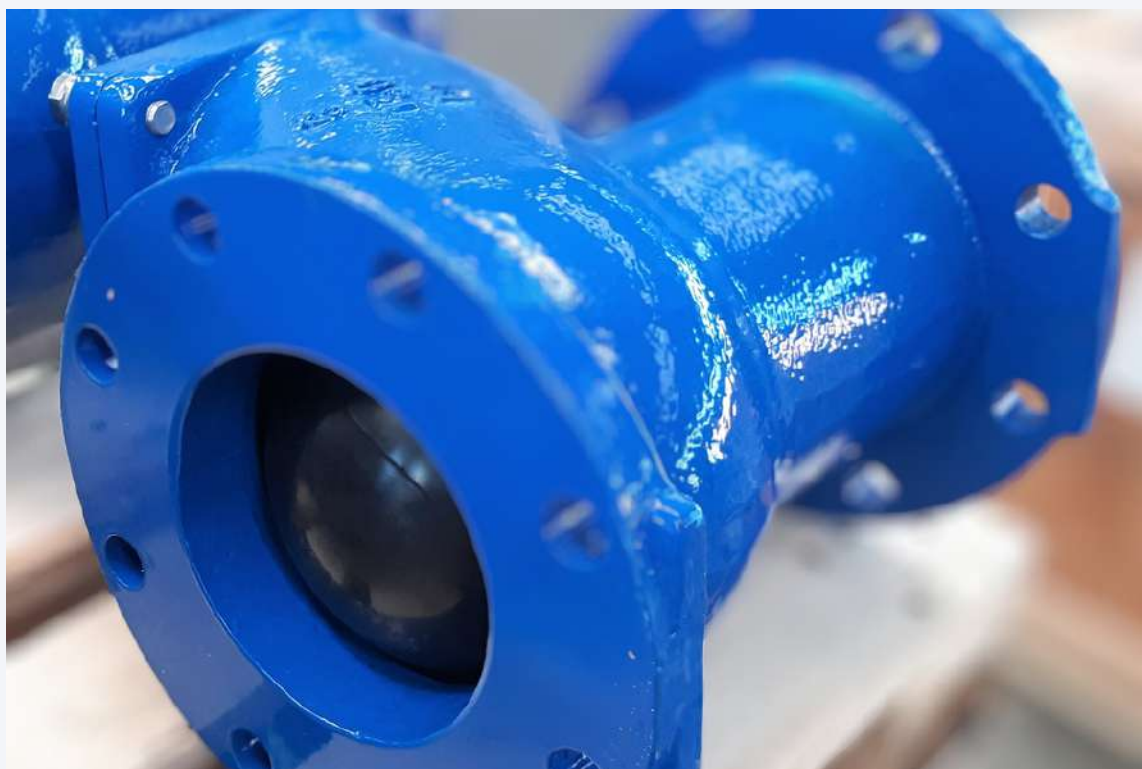






EPC CONTRACTOR

SIDERIDRAULIC



CONSULTANT

-

END-USER

TERNIUM





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## LAAYOUNE

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

2020




**Location:** Morocco

**Plant Type:** Desalination Plant

**End User:** ONEE - National Office of Electricity & Water

The project involves construction of a 26,000 m<sup>3</sup>/day SWRO Plant providing drinking water for the cities of Laayoune, El Marsa, Foug El Oued and Tarouma in Western Sahara. The plant is supplied by coastal boreholes in Laayoune and connected to three storage tanks with a total capacity of 5,500 m<sup>3</sup> as well as pumping stations to facilitate the distribution of water to households in Laayoune.



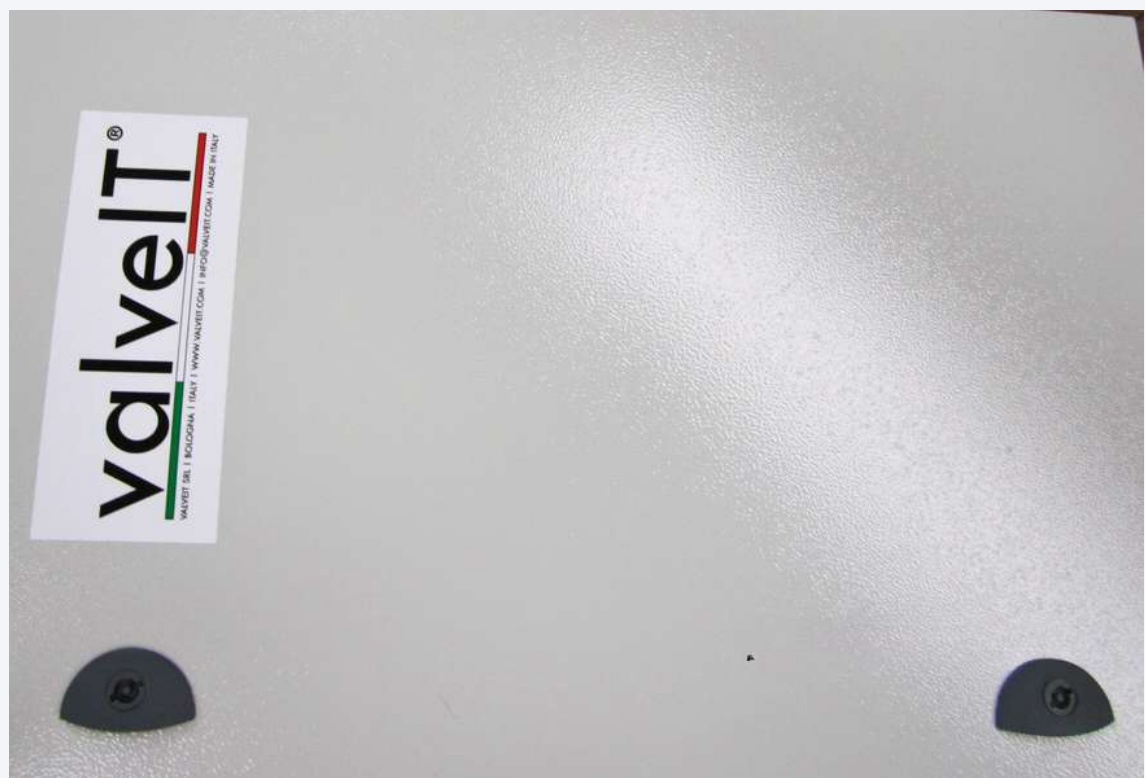
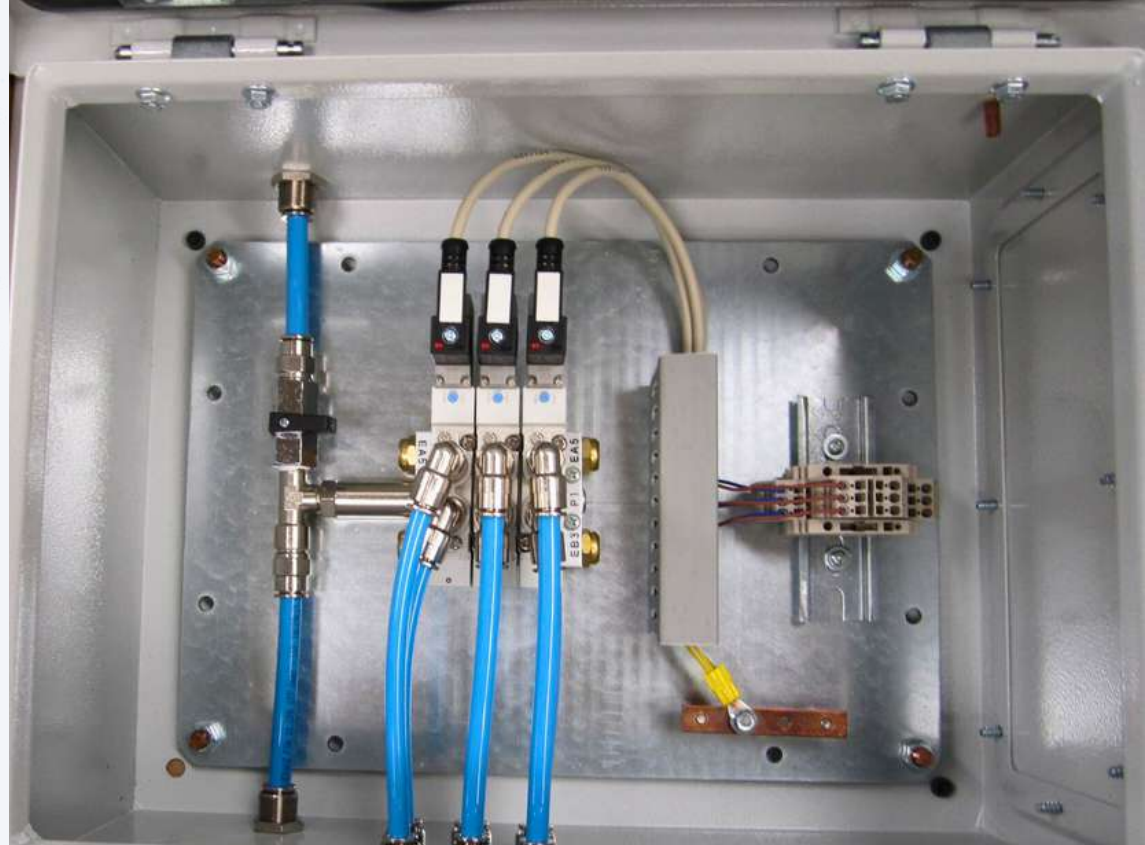




EPC CONTRACTOR

METITO

**METITO**



CONSULTANT

-

END-USER

ONEE

-





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## DC KHAN

### KARACHI CEMENT HUB PLANT

## 2017




**Location:** Pakistan

**Plant Type:** Industrial Plant

**End User:** Dera Ghazi Khan Cement

The project involves the construction of the country's largest cement plant of 9000tpd at Hub, Baluchistan province, near Karachi. The Hub is located about 30 km in North West of Karachi - the port city and financial hub of Pakistan. Hub is about 1,250 km south of Lahore and about 848 km south of DGK. Plant site is on main highway, RCD road.







## EPC CONTRACTOR

MEP SOLUTIONS



**MEP Solutions**  
Beyond Engineering...



## CONSULTANT

-

## END-USER

DERA GHAZI KHAN CEMENT  
(DG KHAN)





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)




**Location:** Qatar

**Plant Type:** Sewage Treatment Plant

**End User:** Barwa

The project involves the construction of the Sewage Treatment Plants for the Labor Accomodations complex & Family Housing complex built in Madinatna city (Al Wakra District). The project has a total built-up area (BUA) of 1,038,654 square meters and has 166,481 square meters of green area and 714,249 square meters Driveway/Walkway/ Parking area. The development also comprises of amenities such as Hypermarket, Central Retail, Kindergartens, Main Clubhouse, Warehouse, Primary Substation & Waseef Building.







## EPC CONTRACTOR

METITO

**METITO**



## CONSULTANT

-

## END-USER

BARWA







# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## DOHA OASIS

### TREATED SEWAGE EFFLUENT (TSE) PLANT

## 2020




**Location:** Qatar

**Plant Type:** Wastewater Treatment Plant

**End User:** Doha Oasis

The project involves the construction of the Treated Sewage Effluent Plant for the Doha Oasis high-end mixed-use development in the heart of Musheireb, State of Qatar. The Doha Oasis Complex comprises 460,000 m<sup>2</sup> of the built-up area on the 73,000m<sup>2</sup> site in the Musheireb district of Doha. The project includes an elliptically shaped high-end residential building, four story Commercial podium housing, retail and an amusement theme park, standalone hotel tower, four basement levels.

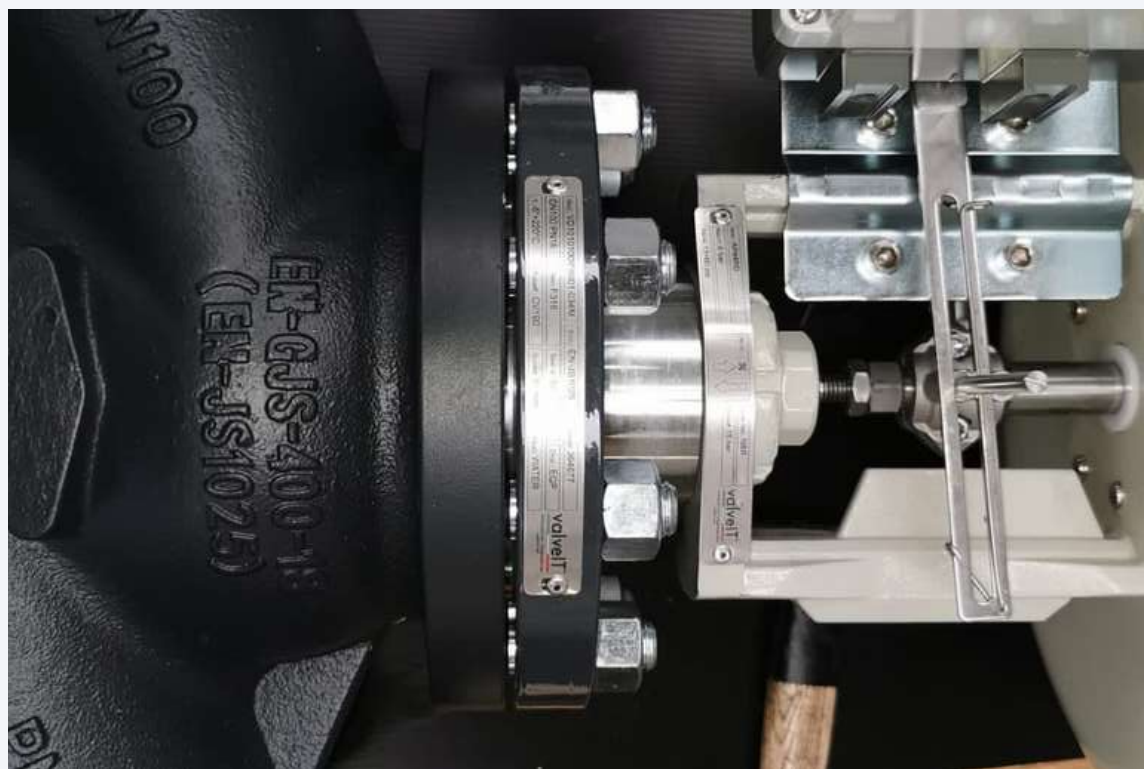






EPC CONTRACTOR

VEOLIA



CONSULTANT

-

END-USER

DOHA OASIS



واحة الدوحة  
DOHA OASIS





# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



# LUSAIL

## FIFA WORLD CUP 2022 STADIUM

# 2020



**Location:** Qatar

**Plant Type:** Sport Infrastructure

**End User:** Lusail Real Estate Development Company

The project involves the construction of a fully retractable cable net roofed stadium with a crowd capacity of 80,000. The dhow sail-styled stadium's outer skin is a concave structure incorporating a louver system for the ease and pleasure of the fans and players. The stadium would be surrounded by a pool of water with its roof supported by arching columns. Moreover, the solar-powered stadium which can be accessed by 6 bridges, will have its own metro station and will be linked to highways and bus routes.







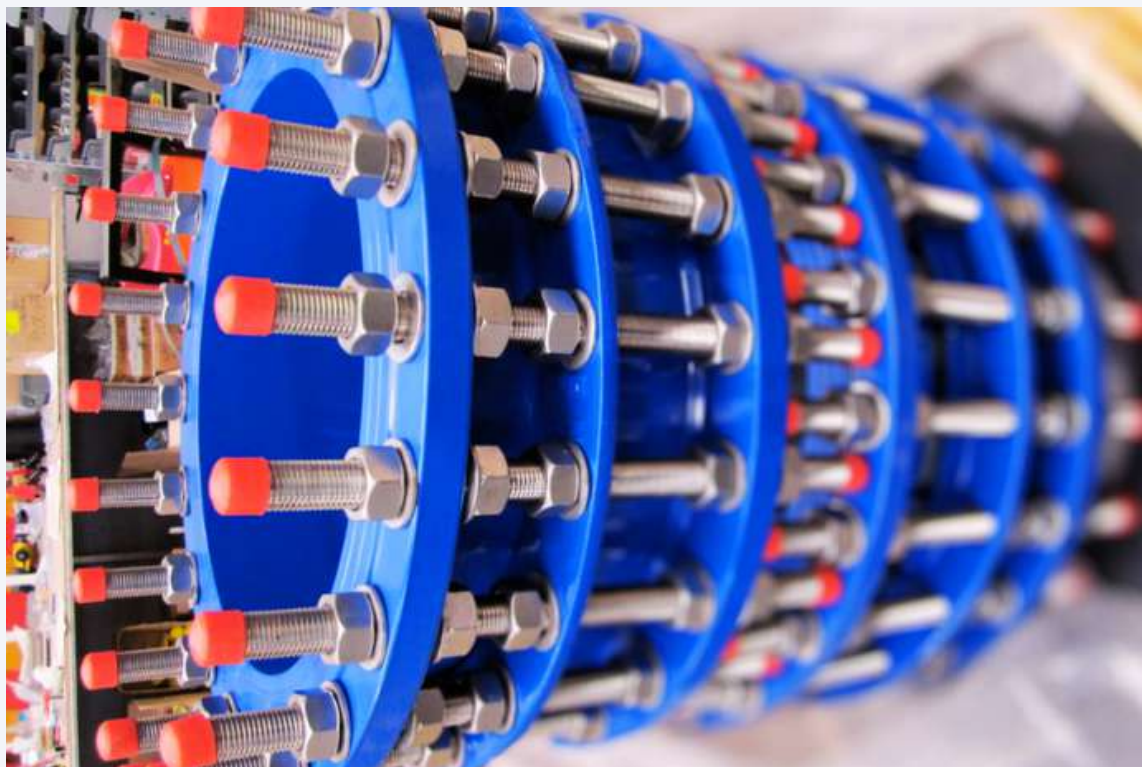
## EPC CONTRACTOR

CHINA RAILWAY  
CONSTRUCTION  
CORPORATION (CRCC)  
HBK



中国铁建

**HBK**  
Contracting Company



## CONSULTANT

SUPREME COMMITTEE FOR  
DELIVERY & LEGACY

اللجنة العليا  
للمشاريع والبراث  
Supreme Committee  
for Delivery & Legacy



## END-USER

LUSAIL REAL ESTATE  
DEVELOPMENT COMPANY





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## NPP85

STRATEGIC FOOD SECURITY FACILITIES

## 2019




**Location:** Qatar

**Plant Type:** Food Facility

**End User:** Al Jaber Engineering

The project involves the construction of storage facilities near Hamad Port of Doha. It is spread over an area of 530,000 square meters. The project consists of specialized facilities for the processing, manufacturing, and refining of rice, raw sugar, and edible oils. It will have a weekly capacity to produce 300,000 KG of raw sugar, 600,000 KG of rice and 200,000 KG of cooking oils which is enough to meet domestic demand for two years.







**EPC CONTRACTOR**

AL JABER ENGINEERING



**CONSULTANT**

DORSCH GRUPPE



**END-USER**

NEW PORT PROJECT  
STEERING COMMITTEE

مشروع ميناء حمد  
HAMAD PORT PROJECT





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## RED LINE

NORTH DOHA METRO UNDERGROUND

2018




**Location:** Qatar

**Plant Type:** Building & Infrastructure

**End User:** Qatar Rail

The project involves the construction of the underground section of the Red Line North of the Doha Metro. Seven underground stations are proposed along this route up to Doha Golf Club. The Red Line North starts from Msheireb station in the South to Al Khor in the North through West Bay, Qatar University to Lusail. The Red Line North is 11.3 kilometers (KM) long network. The project is part of the nearly 38 kilometers (KM) long Red Line network.







## EPC CONTRACTOR

ISG JOINT VENTURE  
(WEBUILD GROUP JV)



A Joint Venture operating as  
IMPREGILO-SK E&C-Galfar Al Misnad JV



## CONSULTANT

JACOBS  
PARSONS

**JACOBS  
PARSONS**

## END-USER

QATAR RAIL







# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



# SALWA

## BEACH RESORT HOTEL

# 2018



**Location:** Qatar

**Plant Type:** Hotel Resort

**End User:** Hilton Hotel Corporation

The project involves the construction of a 362-room beach resort namely "Hilton Salwa Beach Resort & Villas", covering an area of 104 hectares of prime land and coastline in the southwest corner of Qatar. The project includes a water park, a luxury marina and yacht club, a dive center, cinemas and retail shopping.







## EPC CONTRACTOR

CONTRACTO W.L.L.  
METITO

METITO



كونتراكو  
CONTRACO



## CONSULTANT

KEO

KEO

کیوانترناشیونال کونسلٹنٹس  
KEO International Consultants

## END-USER

HILTON HOTEL CORPORATION

Hilton





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



# MSHEIREB

## DOWNTOWN DOHA PHASE 4

# 2018




**Location:** Qatar

**Plant Type:** Building & Infrastructure

**End User:** Msheireb Properties

The project involves the construction of a mixed use development located at Mohamed Bin Jassim District, Doha, Qatar spread over an area of 132,000 square meters. The project will consist of a public plaza and 12 mixed-use buildings, which include commercial offices, residential and retail space, 5-star hotels, medical office building containing clinical and administrative spaces, and six car parking basements.

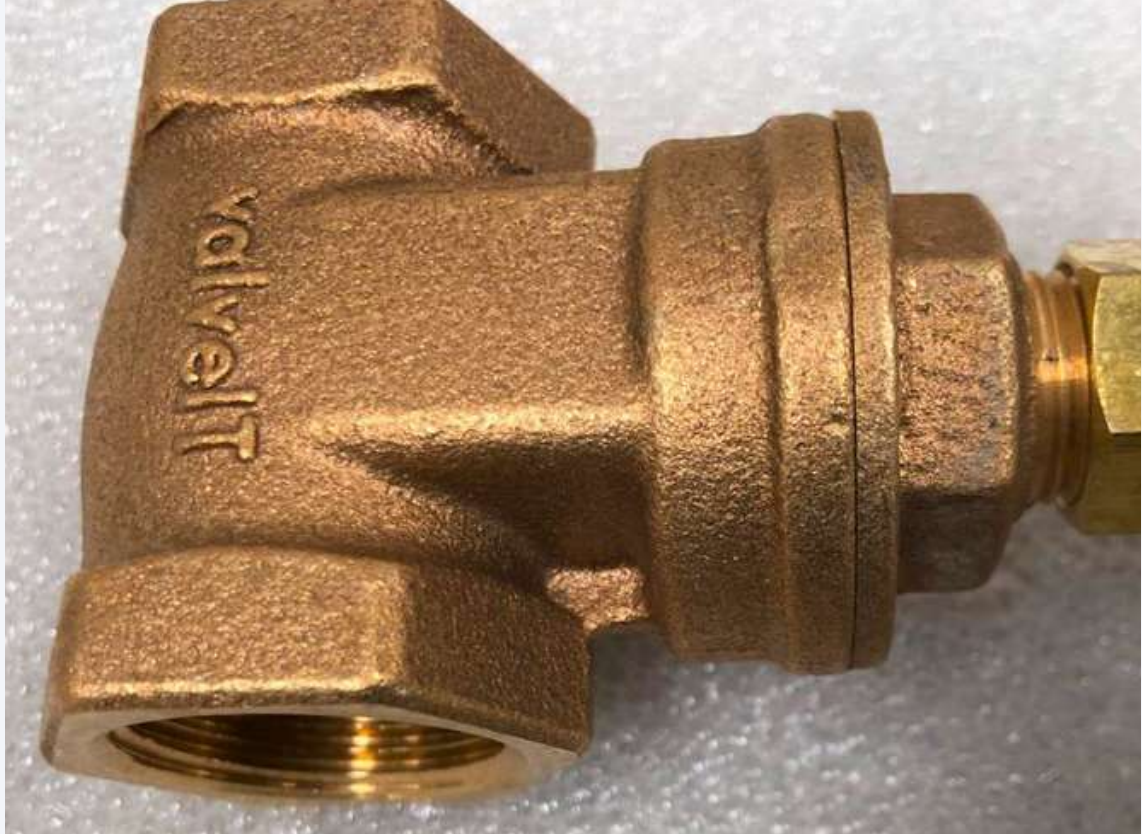






## EPC CONTRACTOR

CONSOLIDATED  
CONTRACTOR COMPANY  
(CCC)



## CONSULTANT

TURNER INTERNATIONAL MIDDLE EAST  
(TIME)



## END-USER

MSHEIREB PROPERTIES



MSHEIREB PROPERTIES





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## ABU NAKHLA

**MEGA RESERVOIR PRPS 4 PACKAGE E**

**2018**




**Location:** Qatar

**Plant Type:** Water Reservoir Infrastructure

**End User:** Kahramaa

The project involves the construction of five reinforced concrete water reservoirs located in Abu Nakhla. The water infrastructure includes five potable water reservoirs, with a total effective storage capacity of 2.20 million cubic meters (485 million imperial gallons) including pumping stations, pipework, mechanical, electrical, ICA (instrumentation, control, and automation), civil, structural, architectural, and building work for the complete primary reservoir and pumping stations (PRPS) facility at Abu Nakhla.

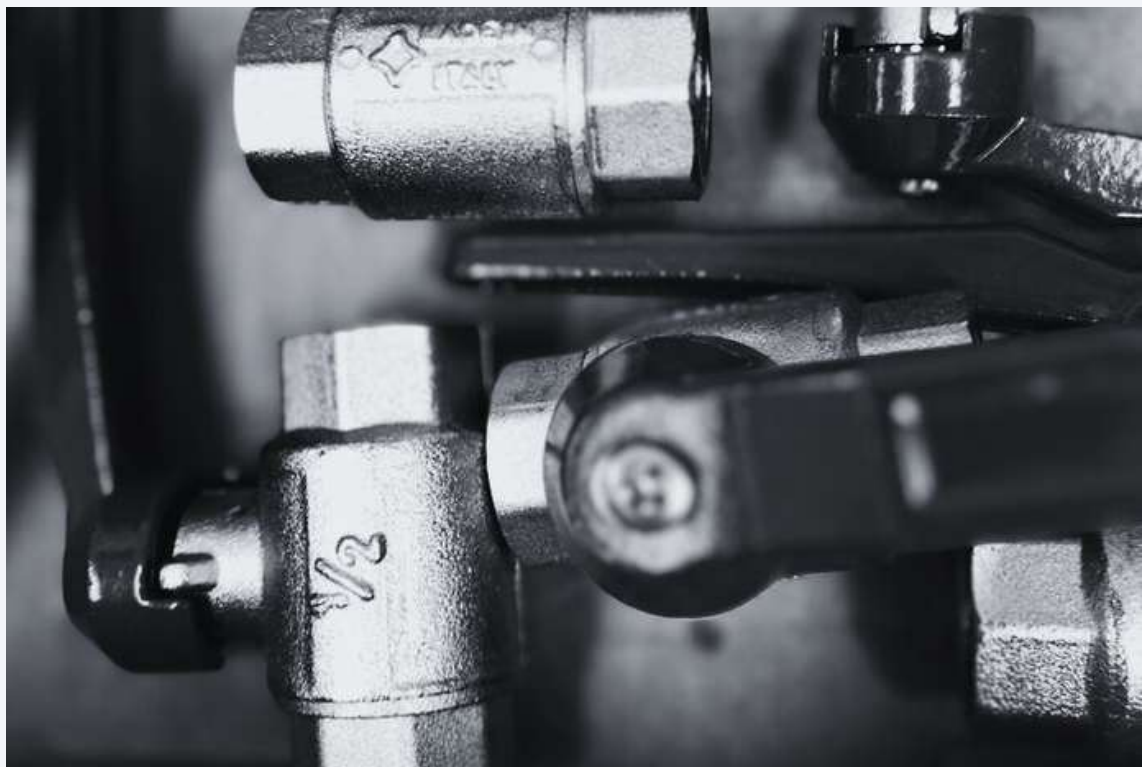






## EPC CONTRACTOR

CHINA GEZHOUBA CORP.  
BURHAN CONSTRUCTION



## CONSULTANT

ENERGOPROJEKT  
HYDER CONSULTING



## END-USER

KAHRAMAA





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## UMM SALAL

MEGA RESERVOIR PRPS 2 PACKAGE B

2018




**Location:** Qatar

**Plant Type:** Water Reservoir Infrastructure

**End User:** Kahramaa

The project involves the construction of five reinforced concrete water reservoirs located in Umm Salal. The water infrastructure includes five potable water reservoirs, with a total effective storage capacity of 2.20 million cubic meters (485 million imperial gallons) including pumping stations, pipework, mechanical, electrical, ICA (instrumentation, control and automation), civil, structural, architectural, and building work for the complete primary reservoir and pumping stations (PRPS) facility at Umm Salal.







EPC CONTRACTOR

HBK CONTRACTING  
COMPANY

**HBK**  
Contracting Company



CONSULTANT

ENERGOPROJEKT  
HYDER CONSULTING

**ME**  
ENERGOPROJEKT  
  
Hyder

END-USER

KAHRAMAA

**KAHRA MAA**  
المؤسسة العامة للكهرباء والماء  
Qatar General Electricity & Water Corporation





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## KIGALI

### BULK WATER SUPPLY PROJECT

## 2018



**Location:** Rwanda

**Plant Type:** Water Treatment Plant

**End User:** Kigali Water Limited

The project involves the construction of of 40,000m<sup>3</sup>/day Bulk Water Facility (BWF) south of Kigali in Rwanda. The scope of the BWF shall comprise of; a water treatment plant, a well field with 38 wells, three pumping stations, pipelines and three storage reservoirs. The project is expected to have strong development outcomes by providing clean potable water to the population therefore contributing to improving public health and by addressing Rwanda's growing demand in industry sector for reliable water







EPC CONTRACTOR

METITO

**METITO**



CONSULTANT

—

END-USER

KIGALI WATER LIMITED

**KIGALI WATER**



*Commitment to a  
Cleaner Environment*





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## KKIA RIYADH

AIRPORT SEWAGE TREATMENT PLANT

2023




**Location:** Saudi Arabia

**Plant Type:** Sewage Treatment Plant

**End User:** Riyadh Airports

The project involves the upgrade of the sewage treatment network and the expansion of the wastewater treatment plant (UWN) of the King Khalid International Airport (Riyadh), with a full replacement and installation of new fuel loops in Terminal 3 and Terminal 4 and another additional loop for concourse H.







## EPC CONTRACTOR

METITO  
WSP

**METITO**



Commitment to a  
Cleaner Environment

**WSP**



## CONSULTANT

-

-

## END-USER

RIYADH AIRPORTS

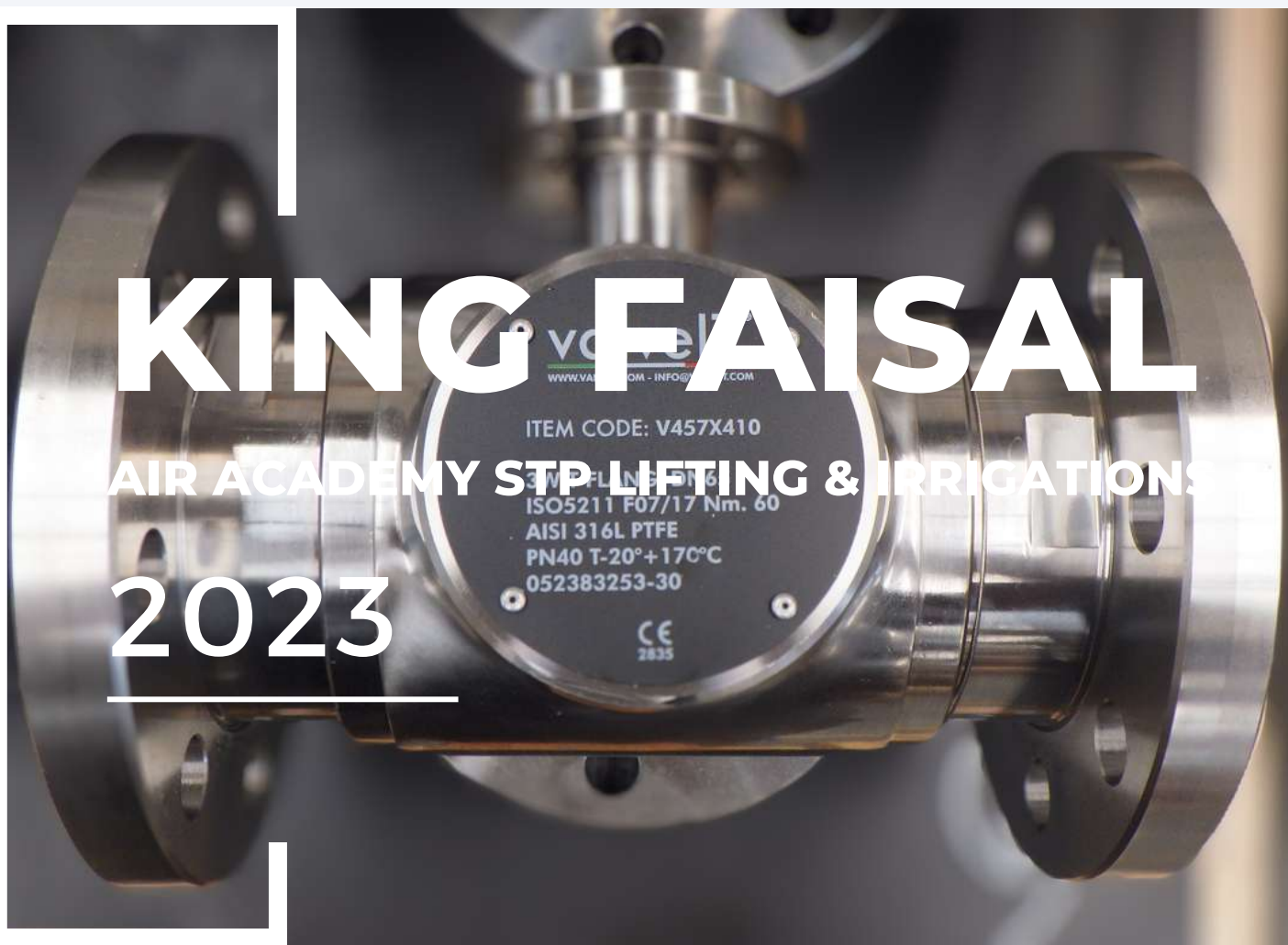
 **مطارات الرياض**  
**riyadh airports**





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## KING FAISAL

AIR ACADEMY STP LIFTING & IRRIGATIONS

## 2023



**Location:** Saudi Arabia

**Plant Type:** Sewage Treatment Plant

**End User:** Royal Saudi Air Forces

The project involves the construction of lifting and irrigation stations for the King Faisal Air Academy Sewage Treatment plant. The plant, located in Al Majma'ah (Riyadh Province) consists of a number of lifting stations that serve the entire air academy complex in addition to the main irrigation tanks, water hammer system and odour control systems. The King Faisal Air Academy is a military officer academy and flight school founded on 10 January 1968.

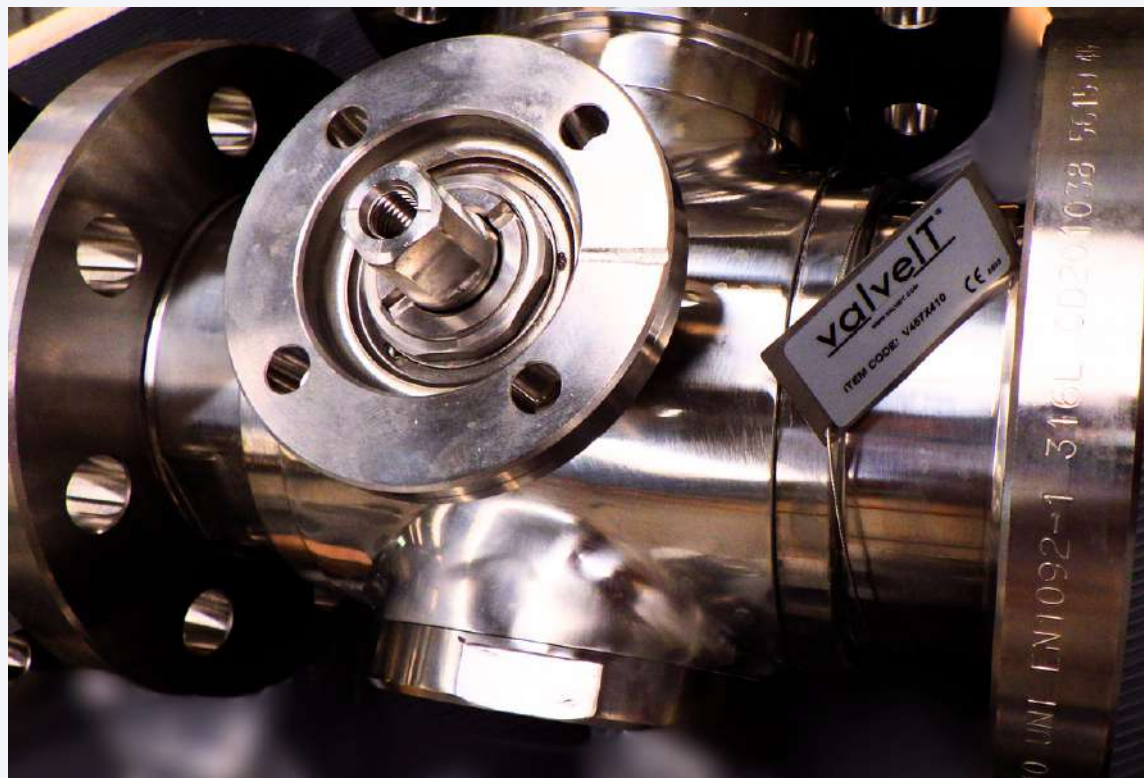






## EPC CONTRACTOR

WETICO



## CONSULTANT

ENGINEERING EXPERIENCE GROUP



ENGINEERING EXPERIENCE GROUP  
Engineers & Consultants  
مجموعة الخبرة الهندسية  
مهندسون واستشاريون

## END-USER

ROYAL SAUDI AIR FORCES

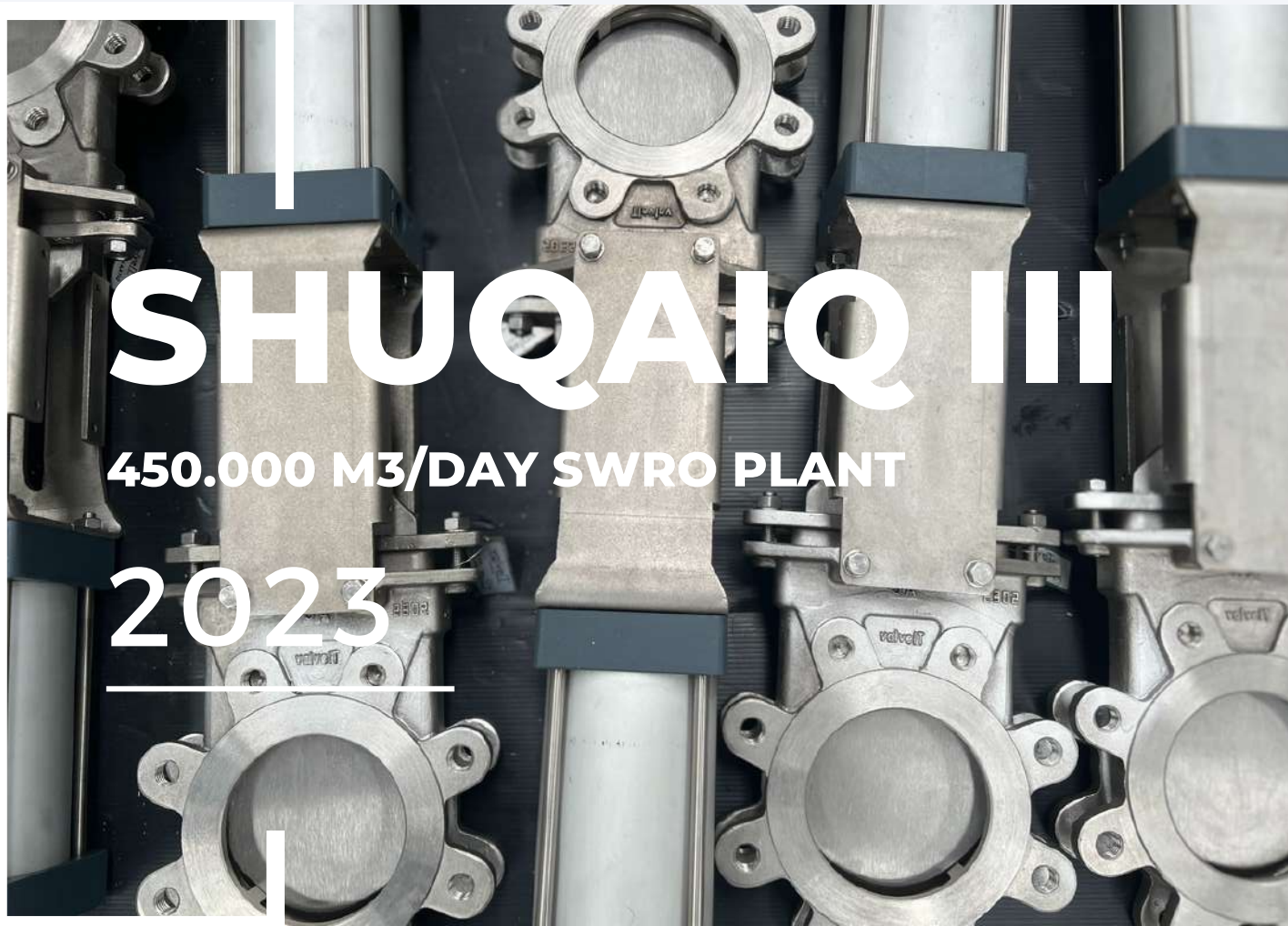






# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



**Location:** Saudi Arabia

**Plant Type:** Desalination Plant

**End User:** Saudi Water Partnership Co.

The project involves the construction of one of Saudi Arabia's biggest desalination plants, using reverse osmosis technology and with a capacity to process 450,000 cubic metres per day, to cater for a population of 2 million people. It also incorporates a solar photovoltaic facility to reduce its specific power consumption.

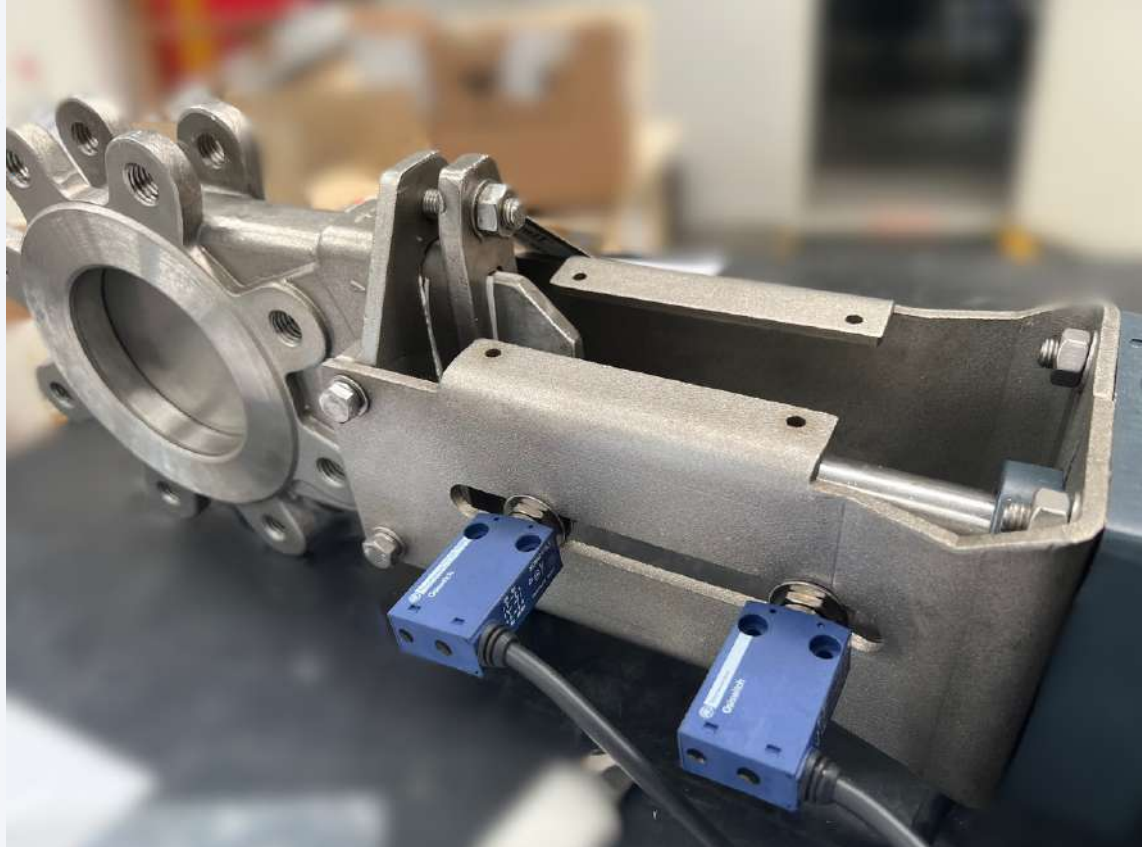






EPC CONTRACTOR

ACCIONA AGUA



CONSULTANT

AYESA



END-USER

SAUDI WATER PARTNERSHIP CO.

الشركة السعودية لشراكات المياه  
Saudi Water Partnership Company







# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



**Location:** Saudi Arabia

**Plant Type:** Desalination Plant

**End User:** SWCC - Saline Water Conversion Company

The project involves the replacement of ended lifetime technologies and assets of the Shoaiba desalination plant Phase 1. The Shoiaba Desalination Plant is an oil-fired, combined cycle gas turbine power and desalination complex in Saudi Arabia on the Red Sea coast, around 120 kilometres south of Jeddah. It is one of the world's largest fossil fuel power plants, and the world's third largest integrated water and power plant.







## EPC CONTRACTOR

RAWAFID



## CONSULTANT

-

## END-USER

SWCC

-



المؤسسة العامة لتحلية المياه المالحة  
Saline Water Conversion Corporation





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## MAKKAH AL MOGHAMMAS RESERVOIR 2023



**Location:** Saudi Arabia

**Plant Type:** Water Treatment Plant

**End User:** SWCC - Saline Water Conversion Company

The project involves the construction of Package C independent strategic water reservoir (ISWR) with a capacity of 2,400,000 cubic meter in the Makkah region. Package C will include the laying of pipeline works for buildings and linking stations, security fences, and flood protection. This package is intended to complete the 17 strategic reservoirs located in Makkah, Al Sharay & Al Hada region each having a capacity of 170.000 m<sup>3</sup>/day of potable water.







## EPC CONTRACTOR

ALISHAR CONTRACTING  
COMPANY



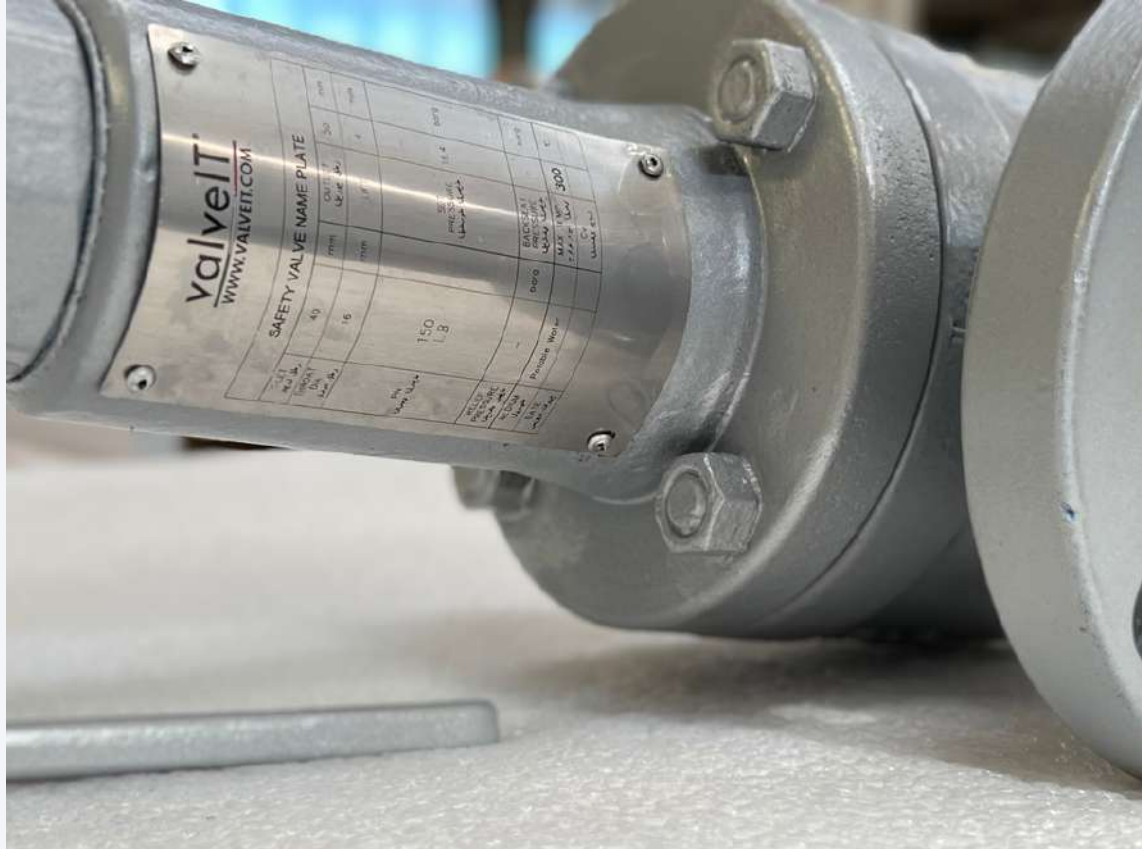
## CONSULTANT

KHATIB & ALAMI



## END-USER

WTCO  
SWCC





# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## JUBAIL PH2

REPLACEMENT FOR ENDED LIFETIME ASSET

2023




**Location:** Saudi Arabia

**Plant Type:** Desalination Plant

**End User:** SWCC - Saline Water Conversion Company

The project involves the replacement of ended lifetime technologies and assets of the Al Jubail desalination plant Phase II. The Jubail Seawater Reverse Osmosis Plant (SWRO) is an additional part of the Al Fatah Water and Power project located in Jubail, Saudi Arabia. The plant is designed to extract 20,000m<sup>3</sup> of filtered water per day via an intake structure from beach wells.







## EPC CONTRACTOR

METITO  
SSEM



**METITO**



Commitment to a  
Cleaner Environment



## CONSULTANT

FICHTNER

**FICHTNER**  
Consulting Engineers Limited

## END-USER

SWCC



المؤسسة العامة لتحلية المياه المالحة  
Saline Water Conversion Corporation





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



# JUBAIL

AIR PRODUCTS QUDRA 7.440 M3/DAY WWTP

2022




**Location:** Saudi Arabia

**Plant Type:** Waste Water Treatment Plant

**End User:** Air Products Qudra

The project involves the construction of a Waste Water treatment plant for demineralization purpose of the Air Products Qudra Jubail Plant. Air products Qudra plant includes a world-scale steam methane reformer (SMR) to produce hydrogen; an air separation unit (ASU) to produce oxygen and nitrogen; hydrogen pressure swing adsorption (PSA) units to recover hydrogen from off-gases and the comprehensive pipeline networks to connect and transport industrial gases.







EPC CONTRACTOR

METITO

**METITO**



CONSULTANT

-

-

END-USER

AIR PRODUCTS QUDRA

**AIR  
PRODUCTS** 







# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## AL JUBAIL II

400.000 M3/DAY SWRO PLANT

## 2021



**Location:** Saudi Arabia

**Plant Type:** Desalination Plant

**End User:** SWCC - Saline Water Conversion Company

The project involves the construction of the 400,000m<sup>3</sup>/day Jubail II seawater reverse osmosis (SWRO) plant. The plant serves the Jubail city in the Eastern province of KSA, home of the largest industrial city in the world. The Jubail II project located on the east coast; home of the record-breaking power plant and the world's largest desalination plant using modern hybrid desalination technology is a prestigious and challenging project serving a strategic community of local and international significance.







## EPC CONTRACTOR

SEPCO III  
METITO



**METITO**



## CONSULTANT

AYESA

**ayesa**

## END-USER

SWCC



المؤسسة العامة لتحلية المياه المالحة  
Saline Water Conversion Corporation





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



**Location:** Saudi Arabia

**Plant Type:** Water Treatment Plant

**End User:** SWCC - Saline Water Conversion Company

The Shoaiba power and desalination plant is an oil-fired, combined cycle gas turbine power and desalination complex in Saudi Arabia on the Red Sea coast, around 120 kilometres south of Jeddah. It is one of the world's largest fossil fuel power plants, and the world's third largest integrated water and power plant. The Shoaiba Nanofiltration Magnesium plant scope is to add magnesium to product water in Shoaiba Desalination Plant Phase 4 increasing so the quality of the potable water itself.







## EPC CONTRACTOR

DOOSAN  
WETICO



## CONSULTANT

-

## END-USER

SWCC

-



المؤسسة العامة لتحلية المياه المالحة  
Saline Water Conversion Corporation





# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## QASSIM TAIF

### NGHA HOSPITALS STP PLANT

# 2021



**Location:** Saudi Arabia

**Plant Type:** Sewage Treatment Plant

**End User:** National Guard Health Affairs of Saudi Arabia

The project involves the construction of the sewage treatment plant for the King Salman Specialized Hospital in Taif city and the King Abdullah Specialized Hospital in Qassim city. Taif Specialized Hospital is a new medical city adjacent to the new MNGHA Saudi Arabian National Guard housing (SANG) development, while Qassim Specialized Hospital is a new medical city located approximately 5 Km to the east of the Qassim airport, near to the Saudi Arabian National Guard housing extension development.







**EPC CONTRACTOR**

METITO  
NESMA & PARTNERS

**METITO**



**Nesma**  **نسما**  
& Partners وشركاهم



**CONSULTANT**

-

-

**END-USER**

NGHA





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## ALJUBAIL II

400.000 M3/DAY SWRO PILOT PLANT

2020




**Location:** Saudi Arabia

**Plant Type:** Desalination Plant

**End User:** SWCC - Saline Water Conversion Company

The project involves the construction of a pilot plant for the 400,000 m<sup>3</sup>/day Jubail II seawater reverse osmosis (SWRO) plant. The plant serves the Jubail city in the Eastern province of KSA, home of the largest industrial city in the world. The Jubail II project is located on the east coast; home of the record-breaking power plant and the world's largest desalination plant using modern hybrid desalination technology.







## EPC CONTRACTOR

SEPCO III  
METITO



**METITO**



Commitment to a  
Cleaner Environment



## CONSULTANT

AYESA

**ayesa**

## END-USER

SWCC



المؤسسة العامة لتحلية المياه المالحة  
Saline Water Conversion Corporation





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## KAUST

RESEARCH PARK UTILITIES SWRO

## 2020




**Location:** Saudi Arabia

**Plant Type:** Desalination Plant

**End User:** King Abdullah University Of Science

The desalination plant has a capacity of 27,000 m<sup>3</sup>/day which provides both university campus and the local community with potable water. The expansion phase includes the development of a new non-chlorinated sea water intake system, pump station and intake offshore pipeline, as well as the construction of an additional water tank system with new pumps and substation for the existing SWRO Plant. The expansion of the existing Sewage Treatment Plant of the campus has been considered part of the plan.





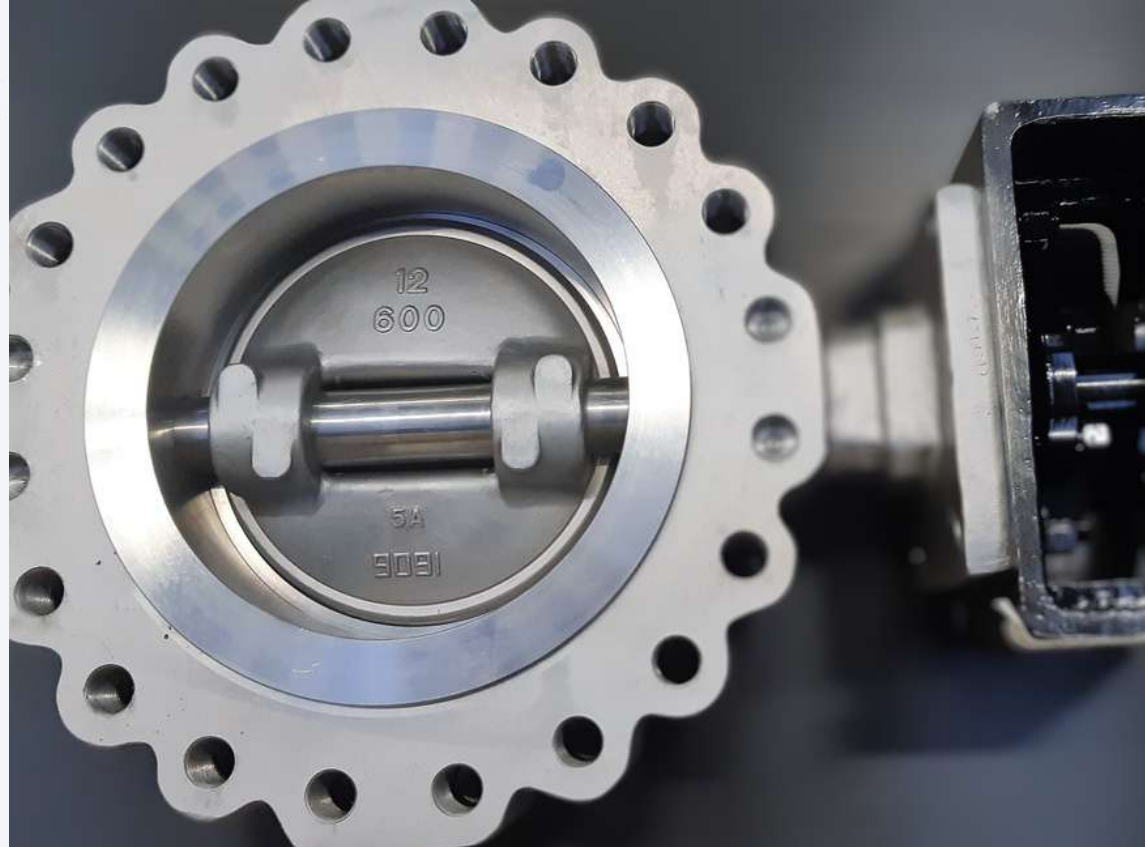


## EPC CONTRACTOR

NESMA & PARTNERS  
VEOLIA

Nesma نسما  
& Partners وشركاهم

VEOLIA



## CONSULTANT

SNC LAVALIN



SNC • LAVALIN

## END-USER

KAUST

جامعة الملك عبد الله  
للعلوم والتقنية  
King Abdullah University of  
Science and Technology





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)




**Location:** Saudi Arabia

**Plant Type:** Water Transmission Plant

**End User:** SWCC - Saline Water Conversion Company

The Shuqaiq Shore Pipeline PLEM is part of the water transmission line of the area. PLEM systems are basically endline subsea manifolds where the flow is split into branches and connected to the production or injection wells located on the subsea templates or manifold via flexible or rigid jumper spools.







EPC CONTRACTOR

METITO

METITO



CONSULTANT

-

-

END-USER

SWCC



المؤسسة العامة لتحلية المياه المالحة  
Saline Water Conversion Corporation





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## RAS AL KAIR

INDUSTRIAL CITY DESALINATION PLANT

2020




**Location:** Saudi Arabia

**Plant Type:** Desalination Plant

**End User:** SWCC - Saline Water Conversion Company

The project involves the construction of an RO building, switchgear buildings, a wastewater treatment plant, a chemical dosing building, as well as installation of a dissolve air floatation unit and two dual media filters. Ground improvement and backfill works were also carried out across the site of the RO and MSF plants.

The plant is located in the Ras Al Khair Industrial City, 75km north-west of Jubail 6 The plant has a capacity to produce 728 m3/day







## EPC CONTRACTOR

METITO  
DOOSAN

**merito**



Commitment to a  
Cleaner Environment

**DOOSAN**



## CONSULTANT

-

-

## END-USER

SWCC



المؤسسة العامة لتحلية المياه المالحة  
Saline Water Conversion Corporation





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## UMM WU'AL

### MA'ADEN PHOSPHATE PLANT

# 2020



**Location:** Saudi Arabia

**Plant Type:** Phosphate Plant

**End User:** Saudi Arabian Mining Company (Ma'aden)

The project involves the construction of a major phosphate resource in the north of Saudi Arabia, to supply merchant grade phosphoric acid to the fertilizer, food and animal feed industries. The greenfield project is located 35 kilometers northeast of Turaif and approximately 100 kilometers to the west of the Ma'aden Phosphate Company beneficiation complex. The overall project requires a power distribution plant and associated infrastructure.



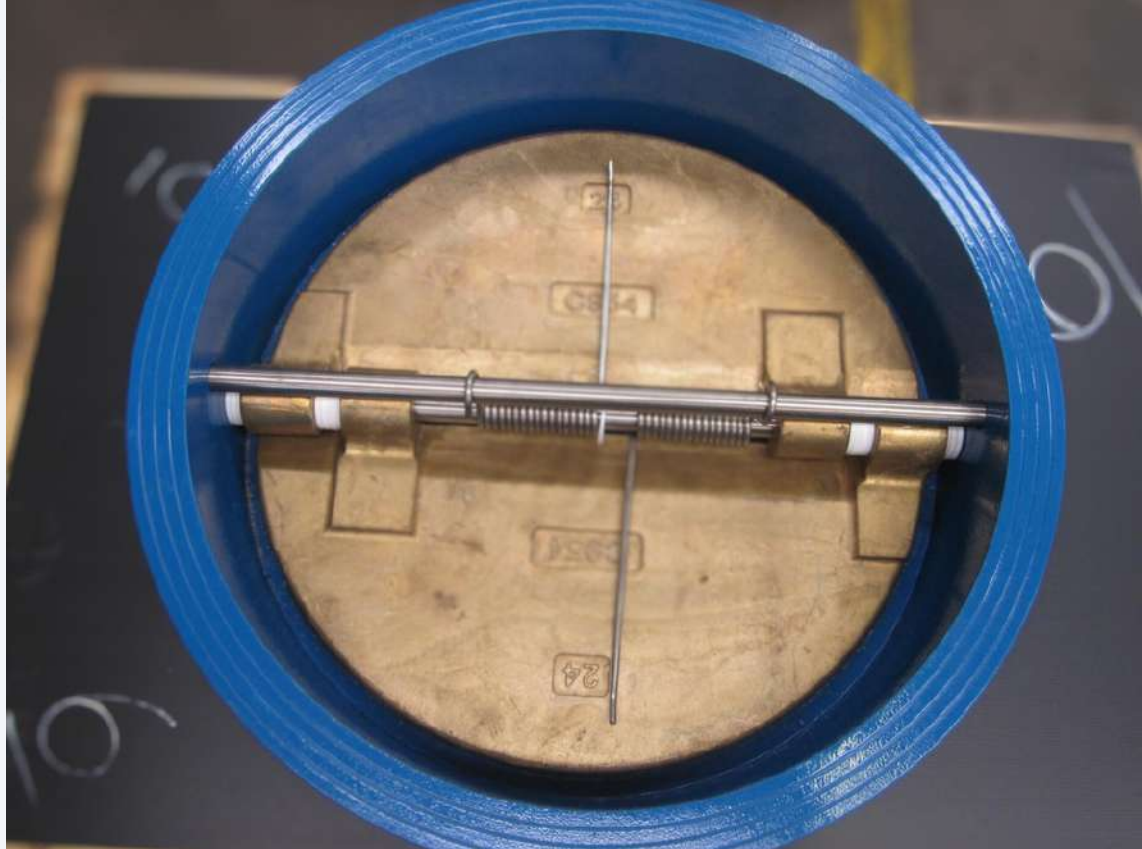




EPC CONTRACTOR

KETTANEH CONSTRUCTION

**KETTANEH**  
CONSTRUCTION



CONSULTANT

-

END-USER

MA'ADEN

-


  
**MA'ADEN**





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## BARGE

### FLOATING DESALINATION PLANT

## 2019




**Location:** Saudi Arabia

**Plant Type:** Desalination Plant

**End User:** SWCC - Saline Water Conversion Company

The project is based on the construction of No. 3 world's largest floating desalination barges intended for the desalination purpose of Saudi Arabia seawater. Located near Al Shuqaiq port, on the western coast of Saudi Arabia, the barges have a total capacity of 150,000 m<sup>3</sup>/day which can be dedicated to the country's potable water needs.







## EPC CONTRACTOR

METITO  
BAHRI LOGISTICS

**METITO**



**Bahri**  
البحري



## CONSULTANT

FICHTNER

**FICHTNER**  
Consulting Engineers Limited

## END-USER

SWCC



المؤسسة العامة لتحلية المياه المالحة  
Saline Water Conversion Corporation







# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## DUBA

SWRO 125,000 M3/D RO PLANT

2019




**Location:** Saudi Arabia

**Plant Type:** Desalination Plant

**End User:** SWCC - Saline Water Conversion Company

The project involves the generation of 1 MGD desalination water and 5MW power. Facilities included Diesel Power Generation Plant and power distribution, Reverse Osmosis Desalination Plant and a Transmission Pipeline to Duba, Seawater intake structure, Water Tower, Control Buildings, Laboratories, Office/ Administration Building, Mosque and Housing facilities.







## EPC CONTRACTOR

METITO

**METITO**



## CONSULTANT

SAUD CONSULT



سعود كونسولت  
SAUDCONSULT

## END-USER

SWCC



المؤسسة العامة لتحلية المياه المالحة  
Saline Water Conversion Corporation







# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## RED SEA

NEOM 12.500 M3/DAY SWRO PLANT

2019




**Location:** Saudi Arabia

**Plant Type:** Desalination Plant

**End User:** The Red Sea Development Company

The Red Sea 12.500 m<sup>3</sup>/day SWRO Plant is part of The Red Sea Project included in the Saudi Vision 2030 Plan. The Red Sea project is defined "the world's most ambitious and exciting tourism and hospitality project: a luxury destination created around one of the world's last hidden natural treasures, it is one of the projects backed by the Public Investment Fund".



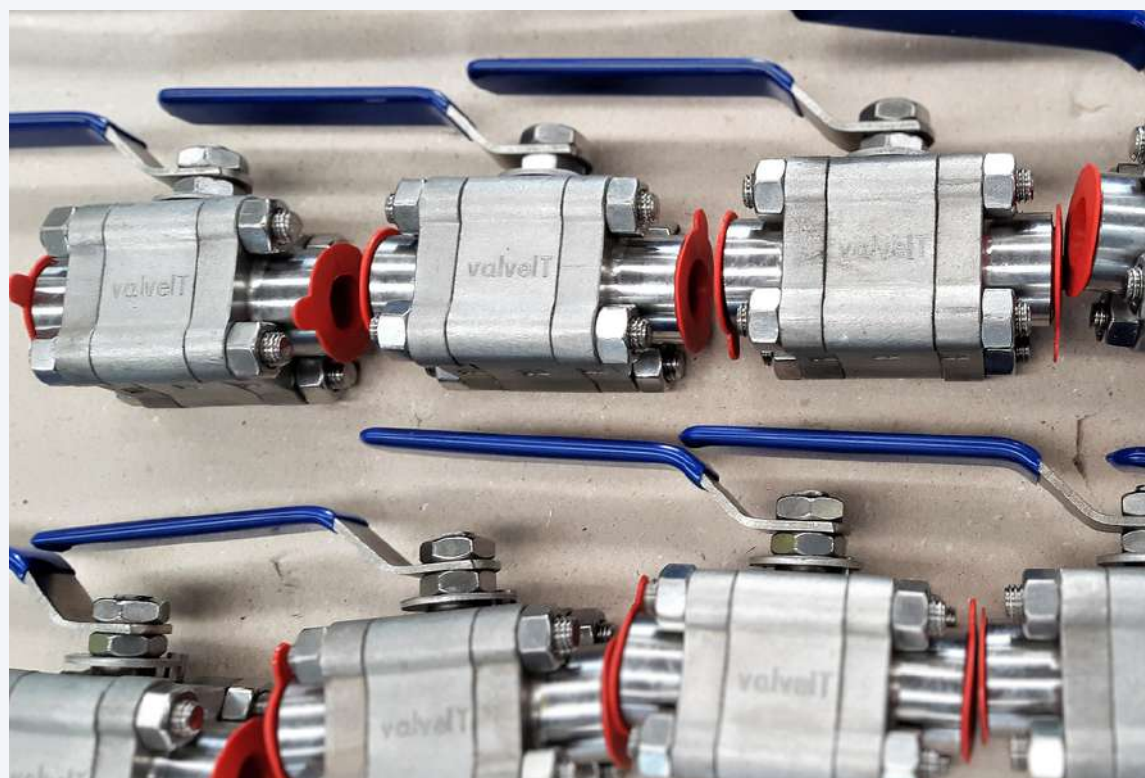




EPC CONTRACTOR

METITO

**METITO**



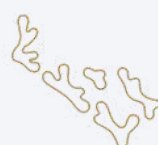
CONSULTANT

-

END-USER

RSDC

-



The Red Sea  
Development  
Company





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## FADHILI

**BACHELOR CAMP STP 1.000 M3/DAY**

**2019**




**Location:** Saudi Arabia

**Plant Type:** Sewage Treatment Plant

**End User:** Saudi Aramco

The project involves the construction of a sewage treatment plant with a capacity of 1.000 m3/day intended for the Fadhili Bachelor Camp Facility. The Fadhili Camp includes the Development & Construction of Residential Buildings and Support Facilities which covers an area of around 687,900 square meters (m2) to accommodate 2,500 employees and other supporting organizations.







## EPC CONTRACTOR

METITO  
NESMA & PARTNERS

**METITO**



**Nesma**  **نسما**  
& Partners وشركاهم



## CONSULTANT

-

-

## END-USER

SAUDI ARAMCO

أرامكو السعودية  
Saudi Aramco







# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## BAYSH DAM

VALLEY BWRO PLANT 150.000 M<sup>3</sup>/DAY

2019




**Location:** Saudi Arabia

**Plant Type:** Desalination Plant

**End User:** Ministry of Water & Electricity of Saudi Arabia

The project involves the construction of a brackish water treatment plant with a capacity of 150.000 m<sup>3</sup>/day intended for the Baysh Dam Valley area. The Baysh Dam, constructed between 2003 and 2009, is a gravity dam on Wadi Baysh about 35 km (22 mi) northeast of Baysh in the Jizan Region of southwestern Saudi Arabia. The dam has many purposes including flood control, irrigation and groundwater recharging. With its 106 m (348 ft) height, the Baysh Dam is the tallest dam of Saudi Arabia.







EPC CONTRACTOR

METITO

merito



CONSULTANT

-

-

END-USER

MINISTRY OF  
WATER & ELECTRICITY





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## QUWAY'IYAH

STP 10.000 M3/DAY PLANT

2019




**Location:** Saudi Arabia

**Plant Type:** Sewage Treatment Plant

**End User:** Riyadh Region Municipality

The project involves the construction of a sewage treatment plant with a capacity of 10.000 m<sup>3</sup>/day intended for the Al-Quway'iyah city. Al-Quway'iyah is a city in Riyadh Province, Saudi Arabia. It is located in the west of Riyadh, 165 km away. It is considered as a major stopping point on Riyadh-Makkah Highway. It is considered to be one of the largest governorates of the Kingdom including a large number of villages of the province and it includes several government departments, colleges and health institutes.







EPC CONTRACTOR

METITO

METITO



CONSULTANT

-

END-USER

RIYADH REGION MUNICIPALITY

-



أمانة منطقة الرياض  
RIYADH REGION MUNICIPALITY







# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)




**Location:** Saudi Arabia

**Plant Type:** Water Treatment Plant

**End User:** Saudi Electricity Company

The project involves the construction of a modular water treatment plant with a capacity of 2.000 m3/day intended for the Riyadh PP12 Power plant. The plant is located 100 KM West of Riyadh City. The grass root combined cycle power plant (PP12) produces a net output of 2,175 MW at ambient temperature of 45 °C utilizing exhaust gases from the gas turbines to generate steam and run the steam turbines themselves.







## EPC CONTRACTOR

METITO

**METITO**



## CONSULTANT

-

## END-USER

SAUDI ELECTRICITY COMPANY



الشركة السعودية للكهرباء  
Saudi Electricity Company







# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



# SHARMA

COMPLEX SWRO 24,000 M3/DAY

2018




**Location:** Saudi Arabia

**Plant Type:** Desalination Plant

**End User:** Ministry of Royal Court Affairs of Saudi Arabia

The project involves the construction of the the SWRO Plant for the Sharma Complex- The Complex, with an estimated value of around \$4.9 billion, is located in the north-western part of the country, 130 km from Tabuk Province. The scope of works includes five royal residential buildings, a function hall, golf course, landscaping works and infrastructure and utilities







## EPC CONTRACTOR

METITO

**METITO**



## CONSULTANT

-

## END-USER

MINISTRY OF  
ROYAL COURT AFFAIRS

-





# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## ALIMAN

GENERAL HOSPITAL 400 M3/DAY SBR

2017




**Location:** Saudi Arabia

**Plant Type:** Waste Water Treatment Plant

**End User:** Ministry of Health of Saudi Arabia

The project involves the construction of an 400 m<sup>3</sup>/day SBR Plant (Sequencing batch reactor plant). SBR reactors treat wastewater such as sewage or output from anaerobic digesters or mechanical biological treatment facilities in batches. Oxygen is bubbled through the mixture of wastewater and activated sludge to reduce the organic matter.







EPC CONTRACTOR

METITO

METITO



CONSULTANT

-

END-USER

MINISTRY OF HEALTH

-





# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## JEDDAH

NEW HOSPITAL CLINIC 520 M3/DAY SBR

## 2017




**Location:** Saudi Arabia

**Plant Type:** Waste Water Treatment Plant

**End User:** Ministry of Health of Saudi Arabia

The project involves the construction of a 520 m3/day SBR Plant (Sequencing batch reactor plant). SBR reactors treat wastewater such as sewage or output from anaerobic digesters or mechanical biological treatment facilities in batches. Oxygen is bubbled through the mixture of wastewater and activated sludge to reduce the organic matter.







## EPC CONTRACTOR

AL FOUZAN T&C  
METITO



شركة القوزان للتجارة والمقاولات العامة  
AL FOUZAN TRADING & GENERAL CONSTRUCTION CO.

**METITO**



Commitment to a  
Cleaner Environment



## CONSULTANT

HILL INTERNATIONAL  
KHATIB & ALAMI

**HILL**

**Hill International**



## END-USER

MINISTRY OF HEALTH



وزارة الصحة  
Ministry of Health





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



# JNHPP

## JULIUS NYERERE HYDROPOWER PROJECT

# 2023




**Location:** Tanzania

**Plant Type:** Dam Hydropower Plant

**End User:** Tanzania Government & Tanesco

The project involves the construction of a hydropower plant with a capacity of 2115mw and a substation of 400kv located in the Stigler's Gorge Area (the dam is located in the Morogoro area on Rufiji River). Apart from the hydropower plant, the project includes the construction of the main dam for storage of water to generate hydropower & the construction of 4 saddle dams for reservoir impounding of water.







## EPC CONTRACTOR

ARAB CONTRACTORS  
COMPANY & ELSEWEDY  
ELECTRIC JV



**ELSEWEDY  
ELECTRIC**



## CONSULTANT

TANROADS ENGINEERING



Good roads for national development

## END-USER

GOVERNMENT OF TANZANIA  
TANZANIA ELECTRIC SUPPLY CO.





# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



**Location:** Tunisia

**Plant Type:** Desalination Plant

**End User:** Sonede

The project involves construction of a 100,000 m<sup>3</sup>/day SWRO Plant providing drinking water in Sfax - the second-largest city in the country, located 270 km south of Tunis, on the east coast. Located in Gargour, 20 km away from the city of Sfax, it is an essential piece of infrastructure for the socio-economic development of the region by guaranteeing access to drinking water to over 600,000 people. The marine infrastructure is composed of two intake towers, a 4,200 meter intake pipe and a 3,200 meter brine outfall.







## EPC CONTRACTOR

COBRA  
METITO  
ORASCOM



METITO



ORASCOM  
CONSTRUCTION



## CONSULTANT

-

-

## END-USER

SONEDE

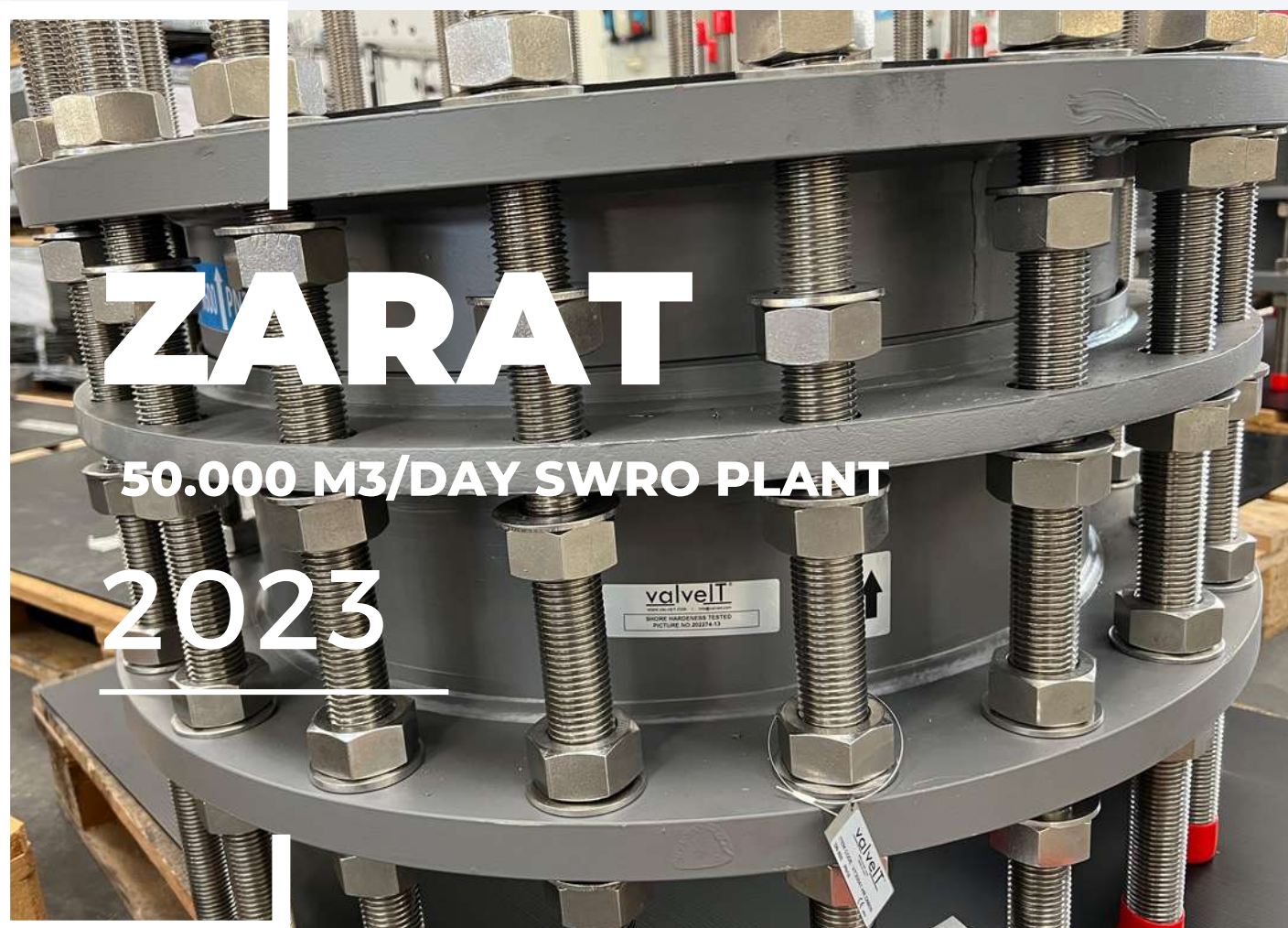






# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## ZARAT

50.000 M3/DAY SWRO PLANT

## 2023



**Location:** Tunisia

**Plant Type:** Desalination Plant

**End User:** Sonede

The project involves the construction of a desalination plant capable of producing 50.000 m<sup>3</sup> of drinking water per day. The plant is accompanied by a desalinated water pumping station. It delivers water to three tanks with a capacity of 15,000 m<sup>3</sup> each. The capacity of the facility is going to be implemented to 100,000 m<sup>3</sup> per day.

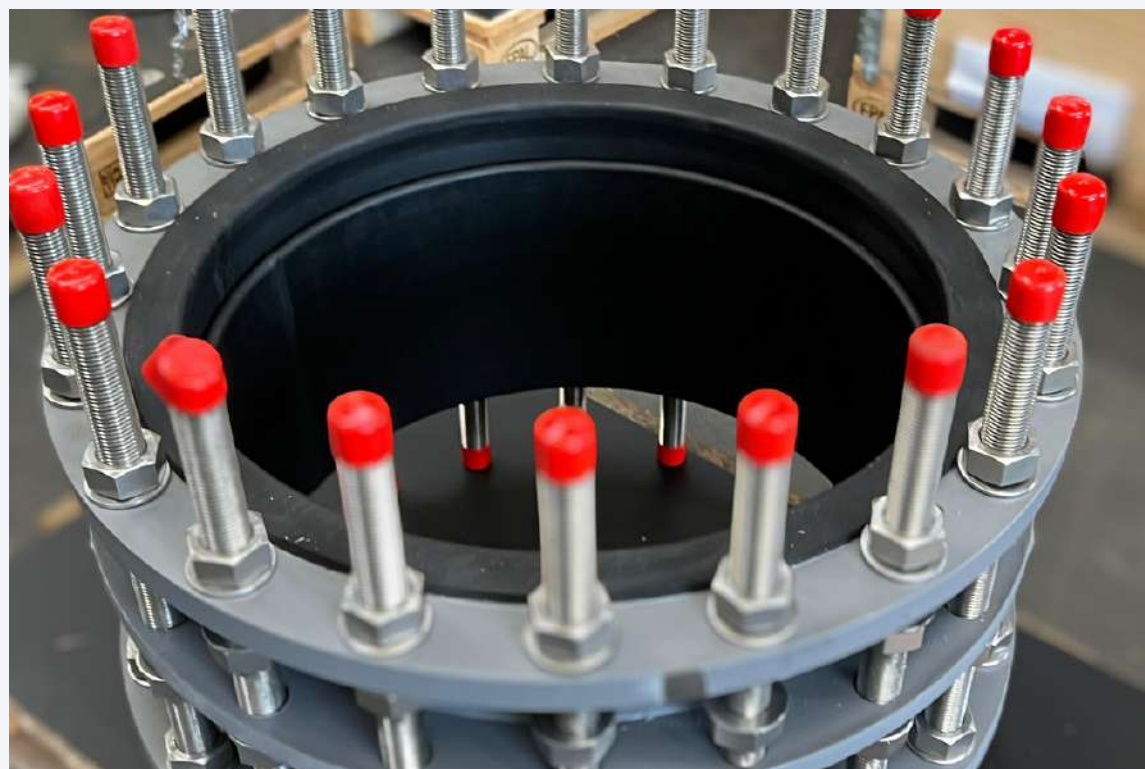






EPC CONTRACTOR

VA TECH WABAG



CONSULTANT

-

END-USER

SONEDE







# valveIT<sup>®</sup>

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## KASSEB DAM

30.000 M3/DAY WTP

2023




**Location:** Tunisia

**Plant Type:** Water Treatment Plant

**End User:** Sonede

The project involves the construction of a 30.000 m<sup>3</sup>/day water treatment plant at the Kasseb Dam supplied by Kasseb River in Jendouba, North-Western region of Tunisia. The plant The project scope includes the construction of the facility using advanced Lamella clarifier technology.







EPC CONTRACTOR

VA TECH WABAG



CONSULTANT

-

END-USER

SONEDE





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



**Location:** United Arab Emirates

**Plant Type:** Sewage Treatment Plant

**End User:** RAKWA - Ras Al Khaimah Water Authority

The project involves the construction of the inlet works for the Ras Al Khaimah Water Authority's Al Fileyah water treatment plant. The plant has a total capacity of 40.000 m<sup>3</sup>/day achieved through secondary biological treatment processes including installation and upgrades of aeration tanks and clarifiers.







**EPC CONTRACTOR**

METITO

**METITO**



**CONSULTANT**

STANTEC



**END-USER**

RAKWA





# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## A2-A3

THE ADDRESS RESIDENCES OPERA TOWER

## 2019




**Location:** United Arab Emirates

**Plant Type:** Building & Infrastructure

**End User:** EMAAR

The project involves the construction of a new residential tower comprising 6 basements, a ground floor and (56) floors, including a serviced apartment tower consisting of 6 basement levels, a ground floor and (64) floors. The uildings are located on Plot No. A2/A3, 345-6900 in Dubai Opera District, next to the Burj Khalifa Lake and Dubai Fountain.







## EPC CONTRACTOR

EFECO  
TAV CONSTRUCTION



## CONSULTANT

MACE  
KHATIB & ALAMI



## END-USER

EMAAR







# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)




**Location:** United Arab Emirates

**Plant Type:** Sewage Treatment Plant

**End User:** Sharjah Airport Authority

The project involves the construction of the Sharjah International Airport sewage treatment plant and associated works, an effluent processing and treatment facility with the capacity of approximately 3,000-cubic meters (m<sup>3</sup>), per day with provision for capacity expansion to 4,500 cubic meters (m<sup>3</sup>) per day. This plant is part of the Sharjah International Airport expansion project.







# valveiT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## JEBEL ALI

HAZARDOUS LIQUID WASTE TREATMENT

2017



**Location:** United Arab Emirates

**Plant Type:** Wastewater Treatment Plant

**End User:** Dubai Municipality

The project involves the construction of the 600 m<sup>3</sup>/day Hazardous Liquid Waste Treatment Plant located in Jebel Ali. The plant is provided also with tertiary treatment facilities using Reverse Osmosis (RO) system and enabling the reuse of almost 75% of the treated wastewater for irrigation: the reject water from RO is sent to evaporation ponds to evaporate the waste water which makes the plant Zero Liquid Discharge.





EPC CONTRACTOR

VEOLIA



CONSULTANT

-

END-USER

DUBAI MUNICIPALITY

-

بلدية دبي  
DUBAI MUNICIPALITY







# valveIT®

Via Caduti di Reggio Emilia 27, 40033  
Casalecchio di Reno (BO)  
[www.valveit.com](http://www.valveit.com)  
[info@valveit.com](mailto:info@valveit.com)



## RAKWA

### AL FILEYAH STP UPGRADE

## 2017



**Location:** United Arab Emirates

**Plant Type:** Sewage Treatment Plant

**End User:** RAKWA - Ras Al Khaimah Water Authority

The project involves the doubling of the capacity for the Ras Al Khaimah Water Authority's Al Fileyah water treatment plant. The upgrade will bring the plant from a capacity of 20.000 m<sup>3</sup>/day to a total of 40.000 m<sup>3</sup>/day. In order to achieve this target, secondary biological treatment processes including installation and upgrades of aeration tanks and clarifiers have been implemented





**EPC CONTRACTOR**

VEOLIA



**CONSULTANT**

MWH



**END-USER**

RAKWA

