



# 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)



# SHOAIBA

## MAGNESIUM NANOFILTRATION PLANT

### 2021



**Location:** Saudi Arabia

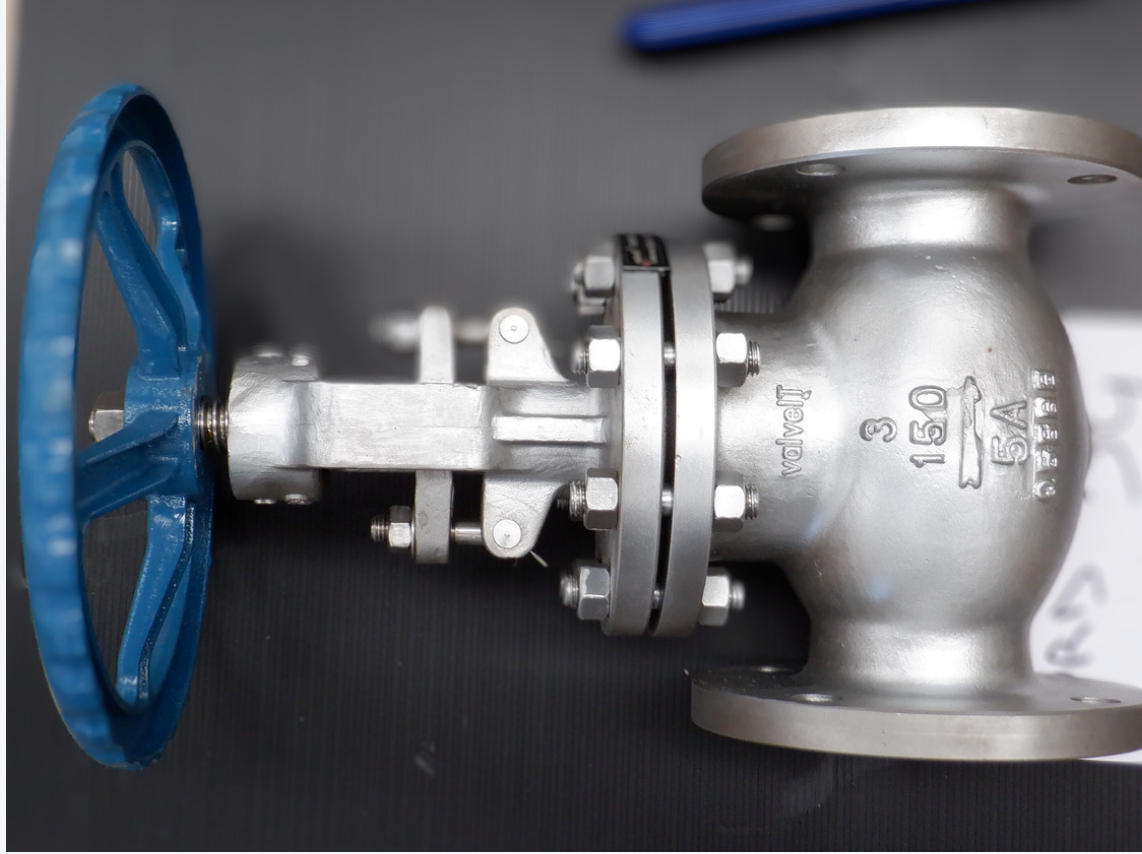
**Plant Type:** Water Treatment Plant

**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**

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**END-USER**

SWCC

