



# WATER WASTEWATER WATER TREATMENT DESALINATION

## ABU MARIA PROJECT – Galiawa Group, Iraq

We proudly participated in the **ABU MARIA PROJECT**, implemented in Iraq and completed in **2019**, delivering a comprehensive range of high-quality valves and accessories for water infrastructure applications. The project was carried out under challenging conditions, transporting river water at ambient temperature with a maximum operating pressure of 25 bar. Our solutions were designed to ensure reliability, durability, and long-term operational efficiency.

### Project Scope and Supply:

- **Butterfly Valves:** Series 2E-3, DN300–DN500, 12 pc, operated with **AUMA electric actuators (SA) with gearbox**, ensuring precise control and automated operation.
- **Gate Valves:** DN150–DN400, 12 pc, operated manually via handwheel, providing robust shut-off capabilities for water flow.
- **Foot Valves (Suction Basket):** DN300–DN500, 12 pc, designed to prevent debris intake and ensure smooth operation of pumping systems.
- **Tilting Check Valves:** DN150–DN400, 12 pc, allowing safe backflow prevention and efficient water management.
- **Dismantling Joints:**

DN300–DN500, 12 pc, facilitating easy installation, maintenance, and system flexibility.





### **Resilient seated gate valve Series 420/421**

features a double-offset design for reduced wear and smooth operation, combined with a compact structure, long service life, and bidirectional tightness. Certified to SIL2, SIL3, and ATEX standards, it is ideal for safety-critical and hazardous applications.

**DN32 - DN600**

**6/10/16BAR**

**-20°C/+70°C**

**EN 558-A1 F5 (DIN 3202)**

**EN 558-A1 F4 (DIN 3202)**

### **High performance butterfly valve Series 2E3**

is a reliable solution for sewage water applications, featuring bidirectional sealing for leak-free operation. It comes with a 250µm powder coating for enhanced durability and is WRAS certified, ensuring compliance with potable water standards.

**DN150-DN2000**

**16/25/40/50BAR**

**-15°C/+80°C**

**EN 558-1, SERIES 14**

### **Project Highlights:**

The project was executed in collaboration with **UNDP Iraq**, reflecting our ability to work on internationally supported infrastructure projects.

The delivered equipment met stringent operational requirements, including high pressure tolerance and reliability under river water conditions.

The ABU MARIA PROJECT showcases our experience in supplying and implementing complete valve solutions for demanding water applications.

This project highlights our commitment to quality, technical excellence, and customer satisfaction, reinforcing our position as a trusted supplier of valves and related equipment for large-scale water infrastructure projects.



**ABO valve**

**GET IN CONTROL**  
INTELLIGENT • INNOVATIVE • INTERNATIONAL  
**STAY IN CONTROL**