

CAPABILITY STATEMENT



BRANDING RECOGNITION

MASAR Technologies, Inc., is a recognized international water desalination and membrane technology consulting and training company, located in Tucson, Arizona, USA, since 1993, with about 39 years of hands-on plant experience, technical expertise and Industrial innovation. We provide expert consulting, real-time plant

❖ MASAR Expert Consulting

❖ SMART SilentAlarm™

Technology & Software MASAR Practical Training

and membrane systems evaluation, monitoring & troubleshooting, fouling management, technoeconomic feasibility of new projects, processes and technologies. We also provide training courses and workshops. Remote monitoring and analytics by SilentAlarm™ helps water utilities with digital transformation to optimize the performance efficiency and cost-value of their treatment plants.

CORE COMPETENCIES

COMPANY CONTACTS

- Expert Technical Consulting (on-site and remote).
- Pretreatment & Membrane Systems Design, and Technical & Cost Feasibility Studies, Conceptual and Design Specifications Reviews & Optimization.
- Plant Operation & Performance Monitoring, Upgrade, Evaluation and Optimization in Real Time.
- Plant Troubleshooting, Fouling Inspection, Membrane Autopsies & Effective Management Programs.
- Expert Witness on RO Plants Performance Failure.
- New Plant Commissioning & Site Acceptance Tests.
- Licensing of **SMART SilentAlarm**™ Realtime Software.
- Design of Customized MASAR Training Courses.

www.masar.com

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D-U-N-S® Number: 013022582

RECENT PROJECTS

- Subject-matter consultancy on desalination and brine management as part of a highhigh-level feasibility study for a GCC client developing a new mega city infrastructure.
- □ Long-term technical consultancy for a major international IWPP developer and national water & power utility in the Middle East for monitoring, evaluation, troubleshooting and optimizing the operation, maintenance, performance and O&M costs of one of the largest SWRO desalination plants in the world, including on-site fouled membrane autopsies, system checks, testing, troubleshooting, optimization trials & reporting.
- Technical consulting as membrane desalination expert for a global Moon Shot company investigating the feasibility of a new process for production of fuel from seawater.
- Conducting advanced technical and practical training courses and live webinars.
- Long-term consulting on techno-economic feasibility of a new desalination technology.
 - Lead consultant on feasibility & regulatory permitting a seawater RO plant in California.

& CURRENT EXPERIENCE

STRATEGIC PAR











OLIVER WYMAN



جامعة الملك عبدالله للعلوم والتقنية Science, Health and





هیئة کهرباء ومیاه دب Dubai Electricity & Water Authority



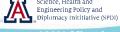


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Desalination Society