

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 over 35 years of hands-on plant experience, technical expertise and Industrial innovation. We provide expert consulting, plant evaluation, monitoring and troubleshooting, professional training services, and innovative software solutions worldwide for RO, UF and other membrane desalination and filtration plants. Our specialties include real-time membrane systems monitoring, evaluation, optimization, troubleshooting and fouling management. We also provide customized O&M manuals and multi-media training via our partners.

- ❖ **MASAR Consulting**
- ❖ **SMART™ Technology**
- ❖ **MASAR® Software**
- ❖ **MASAR Training**

CORE COMPETENCIES

- *Expert Technical Consulting (on-site and remote).*
- *Pretreatment & Membrane Systems Design, and Technical 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.*
- *Customizing & Licensing of **MASAR®** Software.*
- *Design of Customized MASAR Training Courses.*
- *Pilot Plant Design, Evaluation & Feasibility Studies.*

COMPANY CONTACTS

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RECENT PROJECTS

- ❑ Expert desalination consultancy for a major multi-national conglomerate conducting a high-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 course and live webinars.
- ❑ Long-term consulting on techno-economic feasibility of a new desalination technology.
- ❑ Lead consultant on design & regulatory permitting a seawater RO plant in California.

PAST EXPERIENCE

STRATEGIC PARTNERS



100% Minority-owned small business