

## Company Overview

*The Right Solutions For Your Water Treatment Challenges*

Water Standard is a global water treatment provider and recognized leader in delivering innovative solutions and services to the up- and downstream energy industry. Our solutions include capital purchase of equipment, leasing and rental of treatment plants, and pilot systems.

### GLOBAL PRESENCE

*Worldwide experience*

- Headquarters in Houston, Texas
- Fabrication facility in Houston, Texas
- Over 45 years of experience building and delivering thousands of systems around the world
- References in over 20 countries



### FABRICATION FACILITY

*Ensure timely delivery and superior quality*

- ASME Section VIII, Div. 1 code facility
- Ability to build to international pressure vessel and piping standards
- 22,500 ft<sup>2</sup> of fabrication and assembly space
- Ability to manufacture up to 14' diameter, 70' long, and 3" thick vessels with over 40 tons of lifting capacity



### MARKETS

*Serving the energy industry for over 45 years*

- Upstream – compact desalination water treatment and separation solutions
- Downstream – conventional, membrane water treatment and separation solutions
- Industrial – from boiler feed applications to oil water separation

### OUR PEOPLE

*Bringing together water treatment specialists with energy industry facility experts*

- Commissioning
- Project Management
- Operations & Maintenance
- Process Engineering
- Fabrication & Assembly
- Factory Acceptance Testing

## Water Standard Capabilities

*A full water cycle solution provider*

Water Standard has built on its commitment to pioneer cost effective water treatment solutions and expanded its products from supply of filtration, softening, desalination, deaeration, ultrapure and produced water treatment systems, to include services and products for both up- and downstream, green- and brownfield, on- and offshore to become a full water cycle solution provider.

Improved/Enhanced Oil Recovery	Produced Water	Other Industrial Water	Products – “H <sub>2</sub> Ocean Spectrum” Family	Services
<ul style="list-style-type: none"> <li>• Conventional waterflood</li> <li>• Sulphate-reduced waterflood</li> <li>• Low-salinity flooding</li> <li>• eWAG with low salinity</li> <li>• cEOR flood</li> </ul>	<ul style="list-style-type: none"> <li>• Treatment for disposal</li> <li>• Treatment for reinjection</li> <li>• Treatment from cEOR flood</li> <li>• Emulsion treatment</li> </ul>	<ul style="list-style-type: none"> <li>• High purity/ultrapure water</li> <li>• Washwater for crude desalting</li> <li>• Process water for drilling, conditioning muds and slopwater</li> <li>• Potable and sanitary water</li> </ul>	<ul style="list-style-type: none"> <li>• Membrane filtration</li> <li>• Desalination</li> <li>• Sulphate removal</li> <li>• Deaeration, oxygen and other gases removal</li> <li>• CEDI and IX (for ultrapure water)</li> <li>• Tornado Process (eliminate vacuum pumps)</li> <li>• cEOR chemical mixing systems</li> </ul>	<ul style="list-style-type: none"> <li>• O&amp;M services</li> <li>• Troubleshooting and audits</li> <li>• Membrane system management</li> <li>• Membrane cleaning</li> <li>• Operator training</li> <li>• Used membrane recovery</li> </ul>

Our broad range of capabilities enable us to quickly deliver innovative, competitively priced treatment solutions from small, skid mounted systems and mobile equipment, to larger integrated packages and modules.



Onshore Deoiling Water Treatment



Offshore Produced Water Treatment



Offshore Ultrapure Water Generation Package