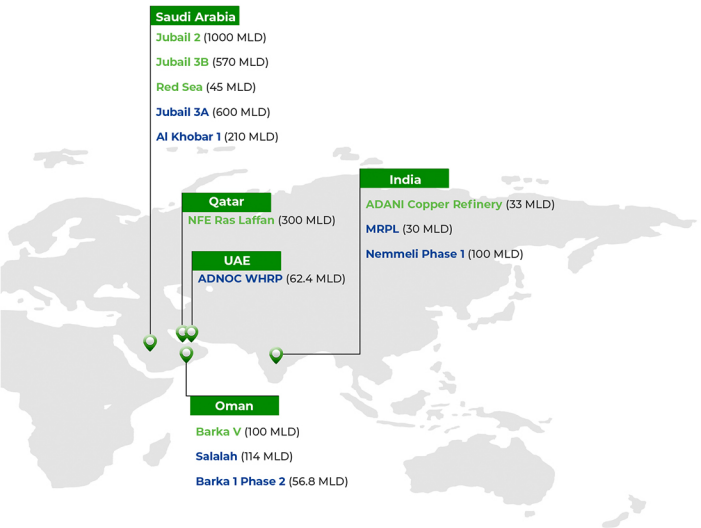
Selected References for Desalination

Project	Location	Offered system	Status
Jubail 2	Saudi Arabia	Storage and Dosing System	Ongoing
Barka V	Oman	Storage and Dosing System	Ongoing
NFE Ras Laffan	Qatar	Storage and Dosing System	Ongoing
Jubail 3B	Saudi Arabia	Storage and Dosing System	Ongoing
Adani Copper Refinery	Mundra, India	Storage and Dosing System	Ongoing
Red Sea	Saudi Arabia	Storage and Dosing System	Ongoing
Jubail 3A	Saudi Arabia	CO_2 Generation with Storage and Dosing System	Completed
ADNOC, WHRP	Abu Dhabi, UAE	CO_2 Generation with Storage and Dosing System	Completed
MRPL	Mangalore, India	Storage and Dosing System	Completed
Al Khobar 1	Saudi Arabia	Storage and Dosing System	Completed
Salalah	Oman	Storage and Dosing System	Completed
Barka 1, Phase 2	Oman	CO_2 Generation with Storage and Dosing System	Completed
Nemmeli, Phase 1	Nemmeli, India	Storage and Dosing System	Completed



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SMARTER SAFER GREENER

CO_2 solutions for Desalination

GAS LAB ASIA

ABOUT GASLAB



With over two decades of experience in the desalination industry, we at GAS LAB are proud to be leaders in CO_2 technology in the sector. Our complete CO_2 solutions are customized to meet plant specific requirements, focusing on high efficiency and reliability. From CO_2 production plants to advanced dosing and storage solutions, we serve a comprehensive range of desalination needs.

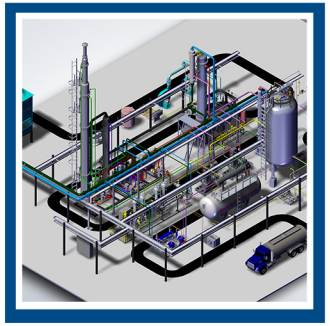
A first in the sector, our Carbon Capture solutions are enabling clients to achieve their Net-Zero goals while reducing the per m^3 cost of desalinated water.

At GAS LAB, we are committed to innovation and delivering value. Our in-house research facility, endorsed by the Ministry of Science and Technology in India, allows us to continuously develop and improve leading-edge technologies. Our team of highly qualified professionals bring the kind of industry experience to innovation, that the ever-ambitious desalination sector demands today.

Our robust production facility is approved by ASME and PED, ensuring that our clients receive the highest quality products at excellent value. Our systems are fully modularized and optimized for total cost of ownership, delivering both incredible ease of installation and lowest lifecycle cost. Our diversified global experience in mega-SWRO projects allows us to conform to the most stringent international design and quality standards.

Service and support are key to our value proposition, which is why we offer world-class after-sales service, 24x7x365. Our Practrack® platform provides insight into plant performance and economics, along with remote monitoring and diagnosis.

Innovation meets experience. Choose GAS LAB for unmatched expertise, leading-edge tech, and quality in CO_2 technology solutions for the desalination industry.



On-site CO_2 Generation Plants

- High fuel to product ratio
- NaOH-based desulfurization
- Stainless steel AMINE circuit
- No use of chemicals like $KMnO_4$
- Highly customised design
- Low CAPEX and OPEX



Storage and Advanced CO_2 Dosing

- Custom-designed system
- No Vapor Build Coils
- Ambient Vaporizers use ambient heat
- Multi-material manufacturing
- Quick response to chemical change
- Fully automatic with PLC Control.

ASME SETTING THE STANDARD · U R · PED PRESSURE EQUIPMENT · CE



Carbon Capture Plant

- Low energy consumption
- Flexible design
- Safe and reliable operation
- Advance monitoring & control
- Low operating costs
- Modular designs for phased expansions

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الشركة السعودية لشراكات المياه
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