



# IDE Technologies

## Line of Business

Thermal & Membrane  
Desalination Solutions  
Industrial Water Treatment  
Solutions

## Established

1965

**A** world leader in water treatment solutions, IDE specializes in the development, engineering, construction and operation of enhanced desalination facilities and industrial water treatment plants.

Founded in 1965, IDE has established itself at the forefront of the global water industry, with some of the world's largest thermal and membrane desalination plants, based on the most advanced technologies. The company won the prestigious GWI 'Desalination Plant of the Year 2014' award for the groundbreaking Sorek project and was noted for the 'Desalination Company of the Year' award.

Today, IDE provides high quality water for a wide range of industries including oil & gas, mining, refineries and power stations as well as potable water, with a total capacity of 3 million m<sup>3</sup>/day and holds a proven track record that spans 400 plants, 40 countries and 4 decades.

Transfer (BOT) contract prices.

- **2008:** IDE commissions the final unit, completing Reliance Industries' 160,000 m<sup>3</sup>/day Multi-Effect Distillation (MED) facility - India's largest desalination plant.
- **2005:** IDE operates the 396,000 m<sup>3</sup>/day Ashkelon Seawater Reverse Osmosis (SWRO) plant, one of the world's largest operating facilities. Winner of the prestigious "Desalination Plant of the Year 2006" award. "Ashkelon raises the ambition of the whole reverse osmosis sector; its achievement may take many years to match." Global Water Intelligence.

## Industrial Water Treatment Solutions

Leveraging its expertise in advanced water technologies, IDE has developed a diverse range of industrial water treatment solutions designed to provide reliability and sustainability at highly competitive



Carlsbad, USA - the largest desalination plant in the western hemisphere



Sorek, Israel - Innovative vertical membrane arrangement



Tianjin - China's largest desalination plant

## Highlight Projects

- **2013:** The 624,000 m<sup>3</sup>/day Sorek plant sets significant new industry benchmarks in desalination technology, capacity and water cost. It is the largest and most innovative SWRO plant in the world.
- **2013:** IDE begins work on the 204,412 m<sup>3</sup>/day Carlsbad Project, which will be the largest seawater desalination plant in the western hemisphere and a complete game changer for desalination in the US.
- **2010:** IDE commissions 4 x 25,000 m<sup>3</sup>/day units at Tianjin – making this China's largest desalination plant with 100,000 m<sup>3</sup>/day capacity. Capacity was doubled in 2013.
- **2009:** IDE's 525,000 m<sup>3</sup>/day Hadera SWRO plant follows the success of its Ashkelon plant. Both Hadera and Ashkelon SWRO plants were completed within budget and ahead of schedule, and both produce high quality water at some of the world's lowest Build-Operate-

prices. Offering an eco-friendly, integrated approach, IDE's industrial water treatment solutions are ideal for a wide range of industries including oil and gas, coal power, refineries and more.

IDE PROGREEN™ is an eco-friendly breakthrough for the sector – a chemical-free, modular, compact, RO water production system, delivering affordable, sustainable, clean water for a wide variety of industries.

## Local Global Presence

IDE operates worldwide in conjunction with subsidiaries, agents and local offices in the Americas, Europe, Africa, India Oceania and China. IDE has extensive experience in providing turnkey and Engineering-Procurement-Construction (EPC) projects and Operation and Maintenance (O&M) services, in addition to establishing and managing Build-Operate-Transfer (BOT) projects at competitive rates.



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