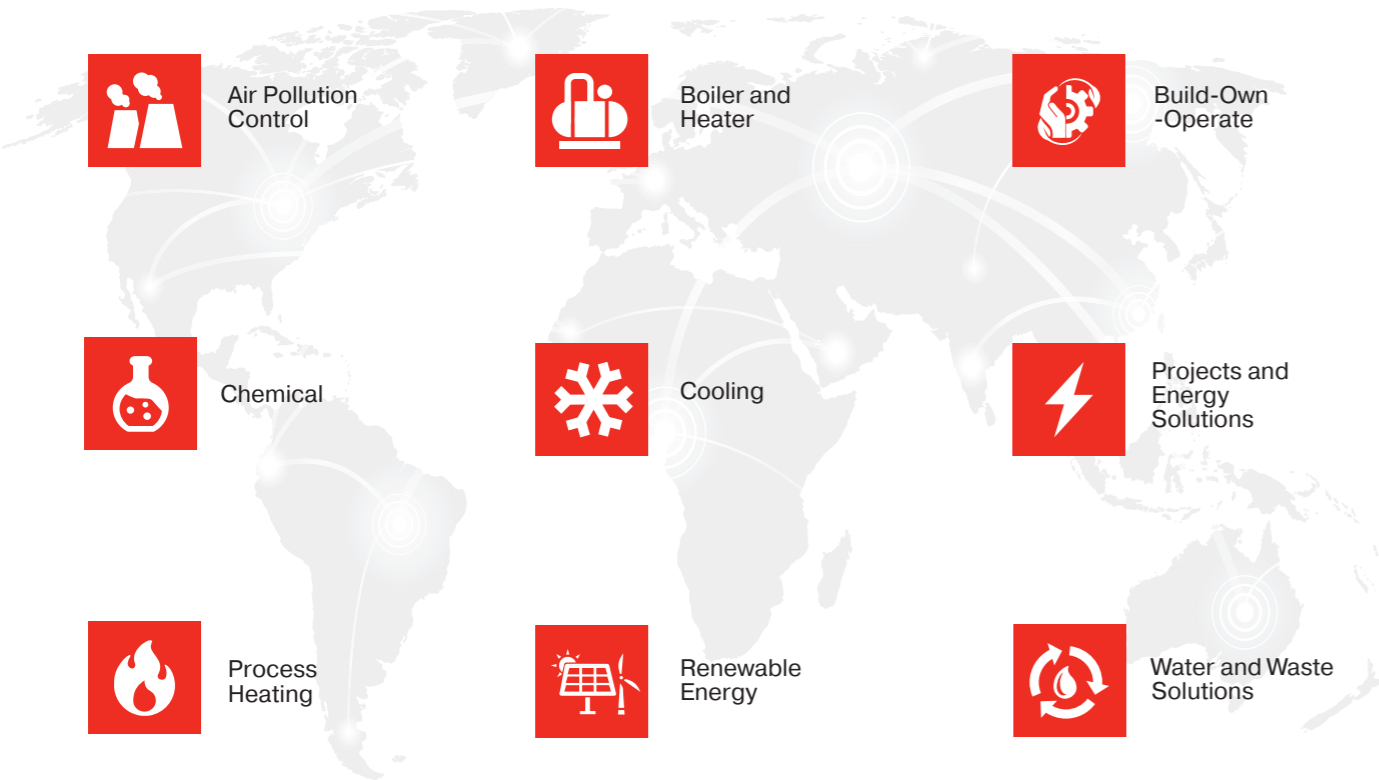


Conserving Resources,
Preserving the Future.



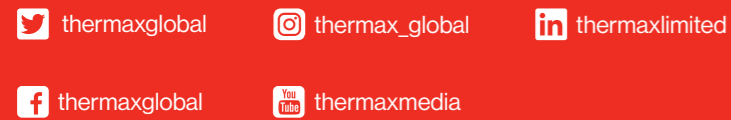
Corporate Office

Thermax House,
14 Mumbai-Pune Road,
Wakdevadi, Pune 411 003,
Maharashtra, India
Toll-free Number (India):
1800-209-0115

Business Office

Thermax Limited,
43, Thai CC Tower, Room No. 245, 24th Floor,
South Sathorn Road, Yannawa, Sathorn,
Bangkok - 10120, Thailand
Email: marketing.thailand@thermaxglobal.com
Customer Care: +66 2210 0781/2

www.thermaxglobal.com



Water and Waste Solutions



Water is our World

Conserving Resources, Preserving the Future.

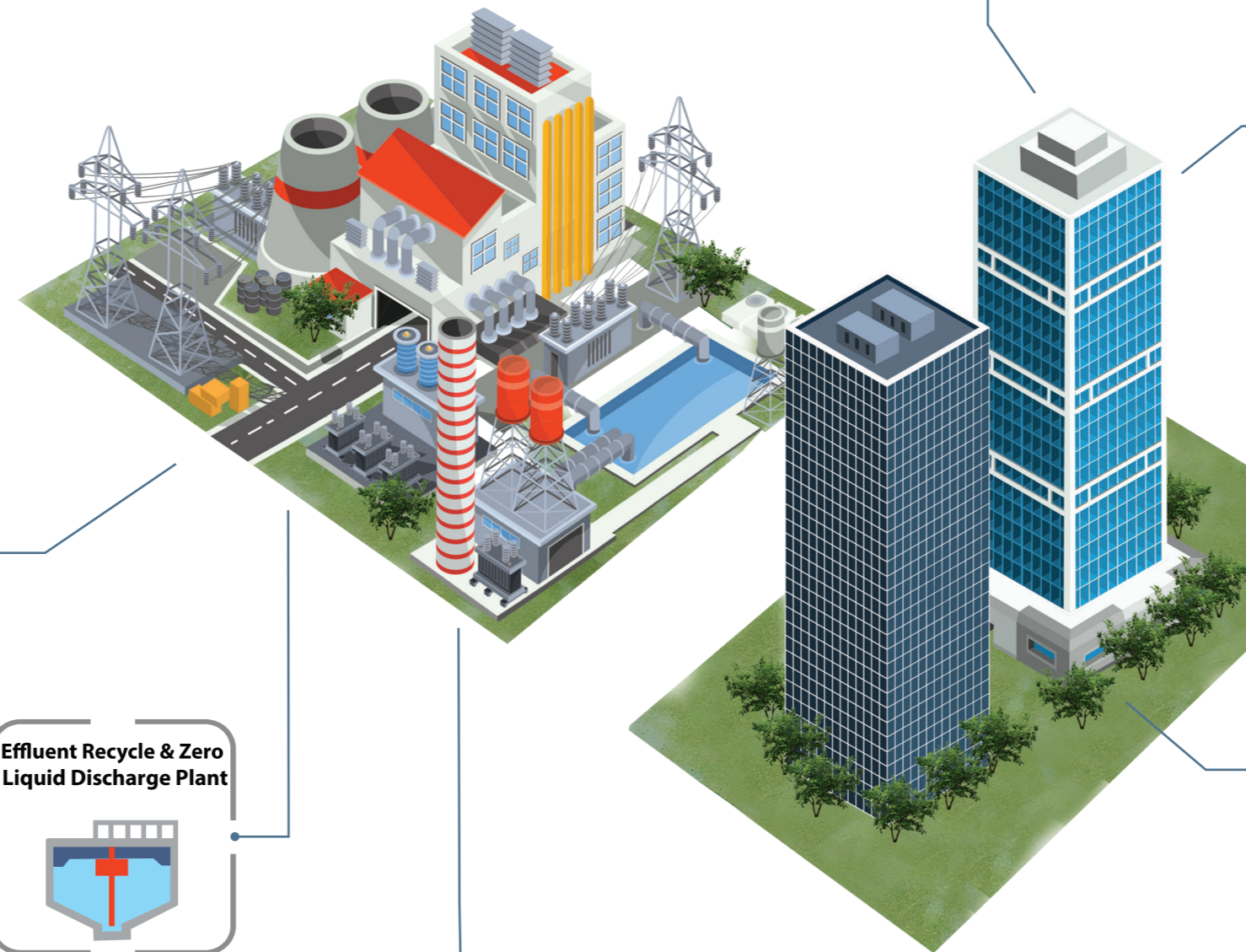
Thermax is a USD ~1 Billion company offering solutions in the energy and environment space and a trusted partner in energy transition. Spanning over 90+ countries, Thermax provides essential solutions to industries for clean air, clean energy, and clean water, along with performance engineered chemicals and digital solutions.

Thermax's operations are supported by ongoing research and development, and tie-ups with global technology majors. Today, Thermax has a sales and service network spread over Asia, the Middle East, Africa, Europe, and the Americas. It has a network of 45+ Indian and international subsidiaries, and 16 manufacturing facilities - 12 of which are in India and four overseas – Denmark, Poland, Germany and Indonesia.

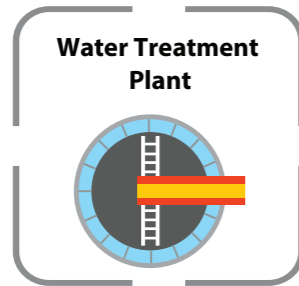
Thermax: Water & Waste Solutions

More than 45 years of industry expertise in providing innovative solutions and best customer experience in meeting water and waste water treatment needs through our solutions, products and services.

Over 20,000 installations across various Industries like Food & Beverages, Textile, Pharma, Automobile, Steel, Power, Chemical, Fertilizer, Oil & Gas, Petrochemical and Urban sector

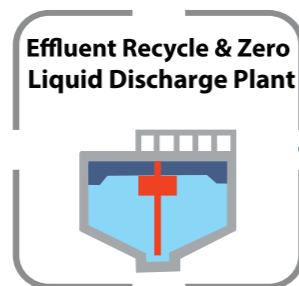


- Raw water treatment
- Industrial process water treatment
- Demineralization (DM) Plants



Water Treatment Plant

- Industrial effluent/wastewater treatment & Recycle
- Zero liquid Discharge
- Condensate polishing systems.

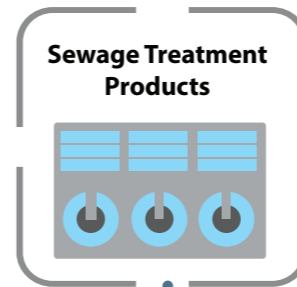


Effluent Recycle & Zero Liquid Discharge Plant

- Seawater Reverse Osmosis (SWRO)
- Brackish Water Reverse Osmosis (BWRO)
- Nano filtration



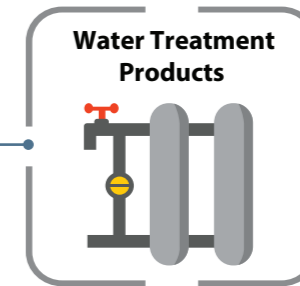
Desalination Plant



Sewage Treatment Products

- Modular, plug & play systems
- Low height STP ideal for basement installations.
- Achieve BOD < 5 without Ultrafiltration
- Achieves 20 to 30% reduction in Operation Cost
- Quick Delivery with less civil/site work

Recycle & Reuse Sewage for Gardening, Flushing, cleaning & Industrial application.



Water Treatment Products

- Filters & softeners
- Standard RO Plants
- USP grade treatment plants



Solid Waste Management

- Incinerator
- Kitchen waste to energy



Services

- EPC & Turnkey
- BOO/BOOT Projects
- Integrated water services
- Operation & Maintenance
- Plant capacity upgradation & Improvement
- Plant audits
- Spare Parts Management



2 Lakh
m3/hr Water treated



1 Lakh
m3/hr Waste Water Recycled



1st
in India to Install a Large-Scale Desalination Plant.



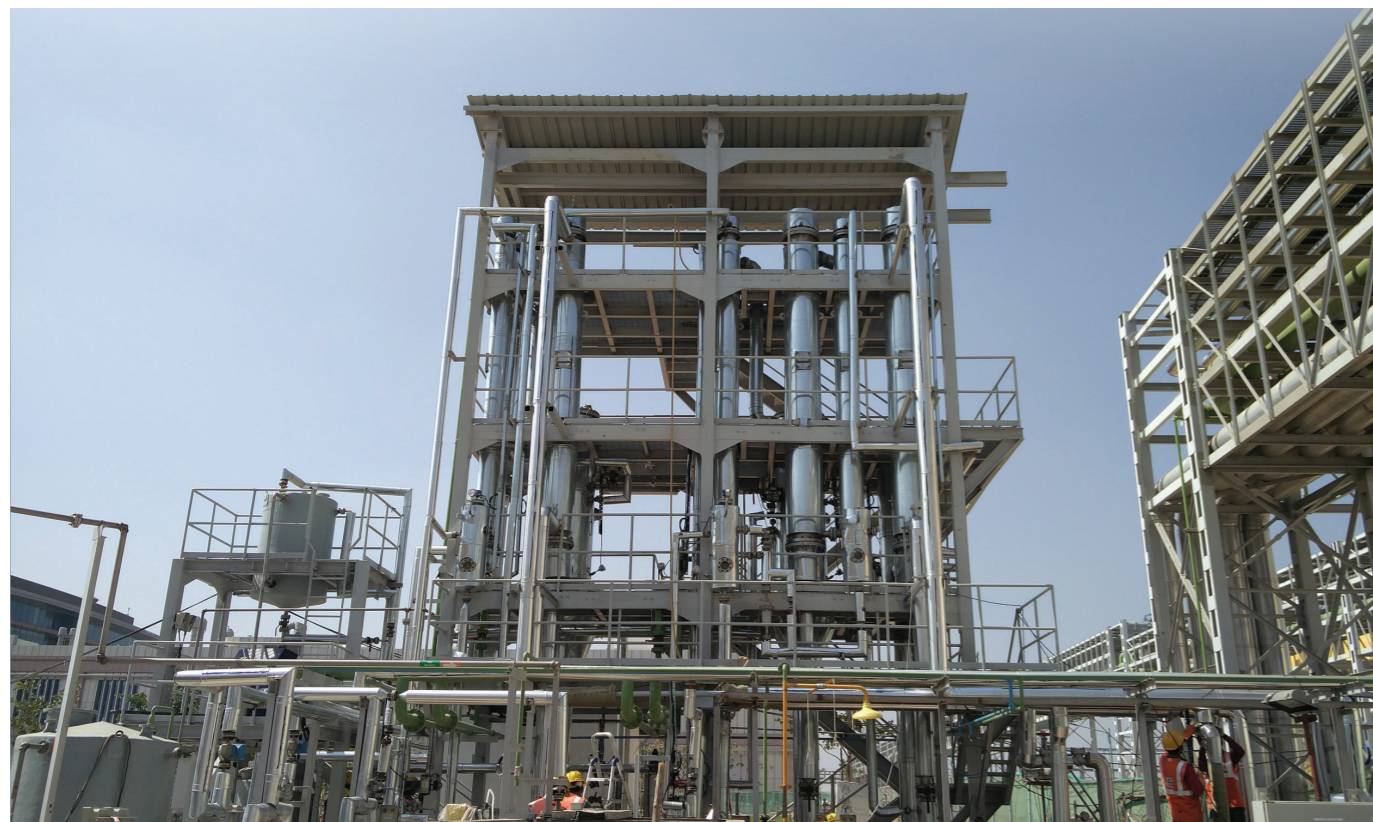
1st
in India to install Effluent Recycle Plant.



In-house design, detail engineering, procurement, project management, construction & commissioning services.

Effluent Treatment / Recycle & Zero Liquid Discharge Solutions

Thermax's waste water treatment technology ensures that industries meet stringent discharge norms and recycle/reuse back in industrial process and/or cleaning, flushing, gardening etc.



ZLD plant at Shell, Bangalore

Water Treatment & Desalination Plants



Solutions

- Desalination Plants
- Raw Water Pretreatment & Clarification
- Water softening & filtration
- Mill Scale filtration
- Dissolved Air floatation (DAF)
- Membrane separation systems
- Demineralization (DM) plants
- Condensate polishing systems
- Remineralization plants



Value to Customers

- High Recovery
- Less Operation Cost
- Less Footprints
- Less Downtime



1st in India to Install a Large-Scale Desalination Plant of 17 MLD capacity at Nirma Ltd, Bhavnagar



More than 400 large scale water treatment plants installed



Technologies and Processes

- Clarification / filtration
- Physical / chemical treatment
- Heavy metals removal
- Oil / water separation
- Treatment for high COD & high TDS
- Coke oven effluent treatment
- Heavy metals, Cyanide, Fluoride removal
- Biogas generation



Aerobic Biological Treatment

- Fluidized Aerobic Bioreactor (FAB)
- BioCask – Circulating Bed Bioreactor
- Seqtreat - Sequential Batch Reactor (SBR)
- Membrane Bioreactor (MBR)
- Activated sludge process (ASP)



Anaerobic Biological Treatment

- Upflow Anaerobic Sludge Blanket Reactor (UASB)
- Continuous stirred-tank reactor (CSTR)
- Anaerobic membrane bioreactor (AnMBR)



DM plant at Abdul Monem, Bangladesh

Standard Products for Urban sector

Thermax green products help in conserving and recycling water. They mitigate the water stress caused by urbanisation.

Sewage Treatment & Recycle Products



BioCask | BioCask: 50 to 300 KLD
BioCask mini: 10 to 30 KLD



FAB - Fluidized Aerobic Bioreactor Technology | 10 KLD & above



Seqtreat- Sequential Batch Reactor Technology | 100 KLD & above



MBR - Membrane Bioreactor Technology | 50 KLD & above



Biofilter | Low sludge sewage treatment plant



Rice Mill ETP

Water Treatment Products



Containerised plants



Filter & Softeners | 0.1 to 300 m3/hr



Demineralization (DM) Plants | 0.1 to 100 m3/hr & above



Standard RO Plants - LoFlo RO, SMART RO | 200 LPH to 3000 LPH

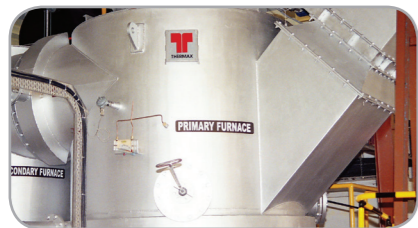


SIRO & DIGILITE | 3 to 100 m3/hr



GenMax - Purified water generation plant / Purified water storage & distribution plant | 500 LPH & above

Other Products



Incinerator | Infections & hazardous waste treatment



Bioenergen | Kitchen waste to energy



PuriSmart | Sanitary water treatment

Business worldwide

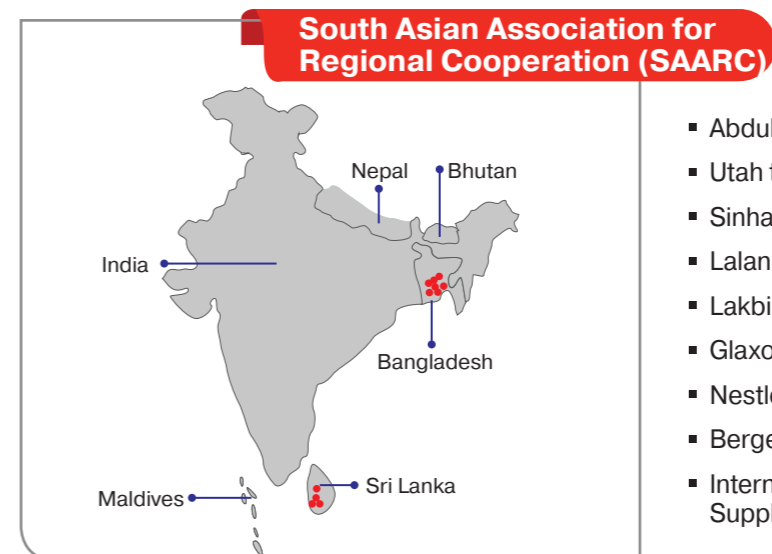
- Our subsidiaries and offices spread over 25 locations in 13 countries across the globe with 150 strong sales & service networks.
- Manufacturing facilities in 13 locations across the globe.
- Thermax WWS provides end to end solutions as per

- international standards like ASTM, API, DIN etc.
- Installation base of Water & Waste Water Treatment & Recycle business- SEA, MENA, AFRICA & SAARC countries.

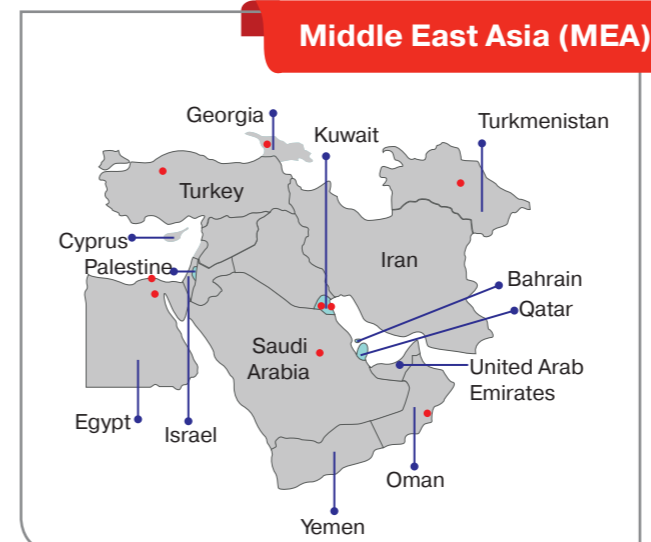


- Universal Robina Corporation, Philippines
- Partido Rice Mill Corporation, Philippines
- PT Orson, Indonesia
- PT Indorama, Indonesia
- PT Cargill, Indonesia
- Sea Water Desalination Plant, PT Darmex, Indonesia
- New Century Paper, Myanmar
- Asia works, Yangon airport, Myanmar
- PT Sinar Syno Kimia, Indonesia
- PT SPV, Indonesia

Global references



- Abdul Monem Ltd, Bangladesh
- Utah textile, Bangladesh
- Sinha textile, Bangladesh
- Lalan rubber, Srilanka
- Lakbima Rice, Srilanka
- GlaxoSmithkline, Bangladesh
- Nestle, Bangladesh & Srilanka
- Berger Paints, Bangladesh
- International Beverages Pvt. Ltd. , Coca-Cola Supplier, Bangladesh



- Jorden India Fertiliser Company LLC, Jordan
- Alghanim International, Kuwait
- TCI Sanmar, Egypt
- Calik Enerji, Georgia
- SPETCO, Kuwait
- National Company For Sulphur Products, Saudi Arabia
- Petrogas LLC A/C Turkmenbashi Refinery, Turkmenistan
- C&C Construction, Oman