



# 45 years – 150 plants – 15 Countries

Comprehensive solution providers for oil & water soluble surfactants, “Green” surfactants and Specialities, Oleochemicals and Environmental systems.



Experts in Sulf(on)ation, “Green” Surfactants and Specialities

# TECHNOLOGIES

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Technithon is a leading provider of sustainable green technologies for surfactants and specialities. We also provided patented technology for Flue Gas Conditioning (FGC) systems and can offer high purity hydrogen generators as part of our environmental control systems.

- › *Sulphonation Technologies*
- › *"Green" Surfactants & Specialities*
- › *Oils and Oleochemicals*
- › *Sustainable and Green Technologies*
- › *Environmental Technologies*

## INNOVATIONS, PATENTS, R&D

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**Technithon has been assigned two patents for film reactors and one patent for SPM control.**

- › *Novel Annular Falling Film Reactor for Sulfonation and low Dioxane ether sulphated*
- › *Next Gen Multi tube Film Reactor for polymerization*
- › *Liquid Phase Sulfonation of aromatics and aliphatic*
- › *Dosing systems for Flue Gas conditioning*
- › *A new patented tubular alkoxylation reactor for continuous processes with high through put capacity and mole ratio control.*
- › *Patented membrane-based systems developed by Solv 8 without distillation processes & use of thermal energy*
- › *Green Hydrogen generation using Methanol using a Technology developed by Element 1, USA*

# SERVICES

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Our services range from concept to commissioning for process plants based on proprietary and custom technologies and include

- *Project Planning & Management*
- *Engineering and Support Services*
- *Fabrication & Construction*

## FABRICATION & CONSTRUCTION FACILITIES (ASME certified)





# Our Clients

## Sulf(on)ation Installations



## Environmental Installations



## Oleo & Green Spec Chem Installations



### TECHNITHON TECHNOLOGIES PVT. LTD.

Shiv Anand-A, 1st Floor, 372/374 S. V. Road,  
Goregaon (West), Mumbai - 400 104  
Phone: +91 (22) 40144644

### TECHNITHON INTERNATIONAL PTE. LTD.

24 Sin Ming Lane,  
#06-98 Midview City, 573970  
Phone: +65 6659 2641