

Delta CleanTech Products & Services

- Pre-/Post-combustion Low-Cost Design Carbon Capture Technologies, LCDesign®
- Amine & Glycol Solvent Purification, Delta Reclaimer®
- Business Assessment, Planning Assessment, Conceptual, Feasibility, Pre-FEED, Mini-FEED, & FEED Studies
- Engineering Services (Optimization, Troubleshooting, Consulting, & Economic Analysis)
- Training, Education, Research and Development



DELTA LCDesign® Technology ISO-Verified



ACCTC Carbon Capture Unit in
Alberta, Canada (2020)

Delta CleanTech Inc. is a leading provider of technology for pre-/post-combustion CO₂ capture from industrial sources, enabling significant and economical reduction of greenhouse gas emissions since 2004. Delta's goal is to deliver practical solutions to reduce greenhouse gas emissions, CO₂ utilization, and help solve the challenges of energy security and transition.

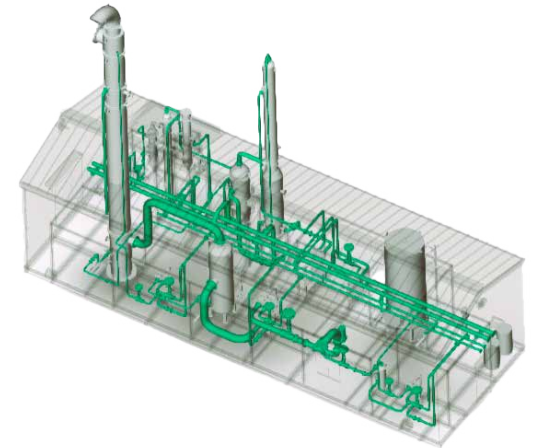
Led by a team of experts in carbon capture, Delta's customers achieve their individual carbon capture goals through precise modeling, scaling, and costing. Delta CleanTech combines its own proprietary patented technologies with a global partnership network to meet aggressive 21st century carbon emission reduction targets.

Delta's Vision Statement

Delta strives to be the Gas and Chemical Clean Technology of choice for The World's CO₂ Capture, Natural Gas Processing, Petro-Chemical Refining, Cement and Fertilizer Manufacturing Industries, and much more.



TECHNICAL OVERVIEW



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Solvent Purification Technology: Delta Reclaimer®

- Unique yet uncomplicated system
- Minimal waste for disposal
- Reduced utility consumption
- Simple to operate & maintain
- High solvent recovery



Delta Reclaimer® Main stream samples, USA

Delta Carbon Capture Technology

- Delta has developed a proprietary CO₂ capture system which is called Low-Cost Design or LCDesign® to significantly reduce:
 - CAPEX & OPEX (CO₂ Cost)
 - Emissions, Effluent, & Waste
 - Chemical/Water Consumption
 - Plant Size
 - Labor Requirement
- Modular Design Approach is used to design and scale the plants from 1 to 1000 Tonne CO₂ per day (> 1000 TPD requires site specific design)
- LCDesign® is based on reactive chemical solvents utilizing a proven & leading industrial technology, DeltaSolv®

Highlights

- 1 Delta provides Carbon Capture technology and ~20 years of 'shovel-ready' expertise!
- 2 Delta LCDesign® is a reliable and advanced, yet simple, CO₂ capture process configuration.
- 3 DeltaSolv® proven amine solvent performance minimizes solvent degradation and emission PLUS our signature solvent formula is included in Delta's services and provided to our clients royalty-free!
- 4 Delta provides process design guarantees.
- 5 Delta leverages its global research and development partnerships to ensure technology is always leading edge.



Delta Reclaimer® in a facility in Canada



Ferrybridge Carbon Capture Pilot Plant based on Delta Technology, UK

