



# CARBON CAPTURE & UTILIZATION

**48<sup>+</sup>** Years  
Of experience



In Association with SVCH-Technologii, Moscow (Russia)

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018

# ABOUT US

KERONE is now renowned for serving the specialized needs of customers with the best quality and economical process of application engineering solutions and industrial heating products manufactured in a high-quality environment by a trained and qualified workforce (special purpose machinery)



KERONE is a pioneer in application and implementation engineering with its vast experience and team of professionals.



KERONE is devoted to serve the industry to optimize its operations both economically and environmentally with its specialized process engineering solutions.



KERONE is having immense expertise in manufacturing and implementing various types of engineering solutions.



KERONE is possessing employee strength of more than 280+ experts continuously putting efforts for happy industrial engineering solutions



48+ Years Manufacturing Excellence



Great Sale Support



Highly Customized Product



Adherence to Standards



Sound Infrastructure



Team of experts Delivering Quality



Timely Delivery



Cost Effective Solutions

# WHY CHOOSE US

"Choose Kerone for innovative solutions tailored to your unique product needs, ensuring efficiency, reliability, and unmatched quality."

With decades of expertise, cutting-edge technology, and a customer-centric approach, Kerone Engineering offers tailor-made Applications Engineering solutions that prioritize quality, flexibility, and cost-effectiveness. Benefit from our commitment to excellence, post-sales support, and innovative solutions for your unique Applications Engineering needs. Choose Kerone Engineering for reliability, performance, and unmatched value.

## MISSION



To enhance the value of customer operation through our customer need centric engineering solution.



We are committed to providing our customers with unique and best-in-class products in the industrial thermal processing segments. Through strategic tie-ups for technical know-how with renowned leaders in industry-specific segments, we ensure that our offerings meet the highest standards of quality and innovation.

## VISION



Turn into a world leader in providing specialized, top-notch quality and ecological industrial heating, cooling, and drying solutions across the globe.



To attain global recognition as the best of quality and environment-friendly engineering solution company.



Enhance the value of customer operation through our customer need centric engineering solution.



# TRUSTED PARTNERS





## Carbon Capture and Utilization

Carbon Capture and Utilization (CCU) is a vital process in the fight against climate change, offering a dual benefit of reducing carbon dioxide emissions while simultaneously creating valuable products. Unlike traditional carbon capture and storage (CCS) methods, which focus solely on capturing and storing CO<sub>2</sub> underground, CCU involves capturing CO<sub>2</sub> emissions from industrial processes and converting them into useful products such as fuels, chemicals, and building materials.

This innovative approach not only mitigates greenhouse gas emissions but also contributes to the development of a circular economy by recycling CO<sub>2</sub> into valuable commodities. CCU technologies encompass a wide range of processes, including chemical reactions, biological processes, and electrochemical conversions, each offering unique opportunities for carbon utilization across various industries. By harnessing CO<sub>2</sub> as a feedstock for production, CCU holds the potential to drive sustainable innovation, foster economic growth, and pave the way for a more carbon-neutral future.

### Features

- Reduces greenhouse gas emissions
- Mitigates climate change impacts
- Enhances energy efficiency in industrial sectors
- Offers economic opportunities for industries
- Contributes to environmental protection efforts
- Enables carbon-neutral or carbon-negative processes

### Advantages

- PLC and DCS control for efficient operation.
- Constant monitoring of key parameters.
- Encourages collaboration
- Reduces dependency on fossil fuels
- Durable, corrosion-resistant stainless steel construction.
- In-house design, manufacture, and installation for seamless service.

### Application

- Dry Ice Freshness
- Oil Exploitation
- Plant Growth Promotion
- Oxidation Resistance
- biofuel production
- Manufacturing of building materials like concrete

# OUR CLIENTS









# THANK YOU

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