



CO₂ TRANSPORT & STORAGE

48⁺ 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





CO2 Transport and Storage

CO2 Transport and Storage (CCS) is a critical component of efforts to mitigate climate change by reducing greenhouse gas emissions. The process begins with the capture of carbon dioxide from various industrial sources, including power plants, cement factories, and refineries. Once captured, the CO2 is compressed into a dense form for efficient transportation, typically via pipelines or ships, to suitable storage sites. These storage sites are carefully selected based on geological characteristics that ensure the safe and permanent containment of CO2.

Common storage locations include depleted oil and gas reservoirs, saline aquifers, and deep underground rock formations. Upon reaching the storage site, the CO2 is injected deep underground, where it becomes trapped by a combination of physical mechanisms (such as pore space confinement) and chemical reactions (such as mineralization). This secure storage prevents the CO2 from re-entering the atmosphere, effectively reducing overall emissions and mitigating climate change impacts. Despite its complexities and challenges, CCS holds significant potential as a tool for achieving climate goals while allowing industries to continue operating with reduced environmental impact.

Features

- Capture CO2 from industrial sources.
- Compress for efficient transportation.
- Transport via pipelines or ships.
- Key climate change mitigation strategy.
- Trapping mechanisms prevent CO2 release.
- Store underground in suitable geological formations.
- Injection into depleted oil reservoirs or deep rock formations.

Advantages

- Enables transportation of captured CO2 to suitable storage sites.
- Helps industries comply with emissions regulations and achieve carbon neutrality goals.
- Mitigates climate change by preventing CO2 from entering the atmosphere.
- Provides a solution for long-term carbon sequestration, contributing to sustainability efforts.

Application

- Metal Cooling
- Medical Care
- Geological storage sites
- Continuously improving technologies for more efficient CO2 transport and storage.
- Used by industries with high CO2 emissions to capture and store carbon dioxide.

OUR CLIENTS









THANK YOU

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