

CALLIDUS

TECHNOLOGIES



**RAIL/TRUCK TERMINAL
VAPOR CONTROL**



**MARINE TERMINAL
VAPOR CONTROL**



BIOGAS VAPOR CONTROL

*Vapor
Control
Systems*

Industry Leader

Compliance Driven

Certification Assured



**CALLIDUS
TECHNOLOGIES, L.L.C.**
The Environmental & Combustion Experts.



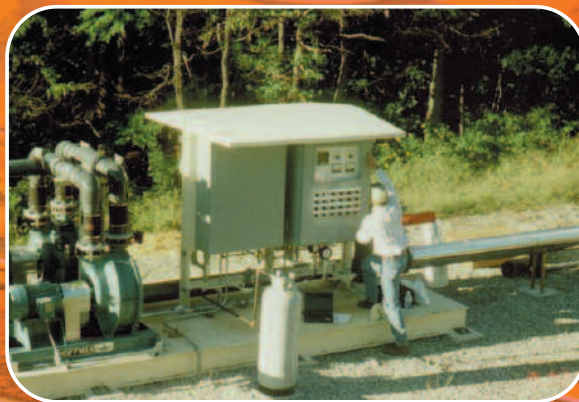
Marine Combustor



Marine Dock Safety Equipment



Biogas/Landfill Combustion System



Service and Troubleshooting

[Callidus Technologies] Your Single Source For Biogas And Bulk Liquid Loading Terminal Vapor Control Systems

[Vapor] Combustion Systems

Callidus Technologies has established itself as a leader in vapor control systems with innovative new products located at sites throughout the world. Our user list includes many of the industry's major oil companies and terminal operators. More than 25% of these projects are Marine terminal applications. This experience provides our customers with a one stop source for Terminal Vapor Destruction Systems including certified marine combustion systems from vapor inlet to combustor stack.

- Flame Finder™ technology for added fuel savings
- Single source engineered systems with complete process and instrumentation packages
- Skid mounted systems are 100% pre-wired, pre-piped, assembled and tested
- Truck, marine and rail car terminal combustors
- Marine terminal systems from dock to combustor

requirements. In the landfill gas combustion sector, dedicated engineers striving for excellence have combined advanced testing and manufacturing expertise to achieve this purpose. We are constantly improving our systems to exceed state and federal LFG flaring requirements. Callidus has defined new standards for ultra low NOx emissions, higher VOC destruction efficiencies, advanced control systems, and reliable LFG vacuum blower packaging systems.

- Enclosed flare systems
- PLC based control systems
- Anti-flashback burners
- Turnkey, skid-mounted systems available
- Portable systems available
- 99.9+% destruction efficiency available
- Automatic temperature control
- Built to meet 40 CFR 60.18 requirements
- Pre-delivery functional acceptance test
- High turndown ratios
- Landfill condensate injection systems

[Landfill Gas] Flare Systems

Callidus began with a commitment to design and build unsurpassed combustion and environmental systems based on the customer's individual

[Service] is Standard

Callidus equipment is backed by an experienced staff of field technicians and engineers who are highly qualified to perform field service and trouble shooting.

At Callidus We Don't Just Follow The Standards - We Set The Standards
Vapor Control Systems • Burners • Flares • Rotary Kilns • Thermal Oxidizers

[Advanced] Research and Development

Our industrial scale vapor control facility is fully instrumented and utilizes process control and automated data acquisition systems. The facility is devoted to research and development of new products, new combustion processes, improvement of existing equipment processes, and problem-solving efforts. The center also serves as a research facility for regulatory agencies as well as private clients.

At Callidus Technologies We [Exceed] The Expected

At Callidus, quality assurance and customer satisfaction are our top priorities. Each step of a project is reviewed to meet or exceed our customers' requirements and standards. Where applicable, equipment is pre-assembled and tested. Fabrication is accomplished either in-house or by certified, experienced suppliers. Our rigorous quality inspection program is evident by our ISO 9002 certification.



Callidus research, development and manufacturing facility



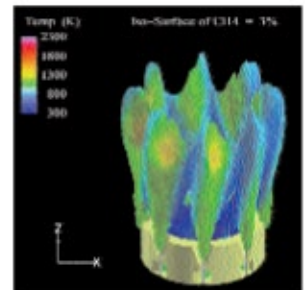
Recent [Advanced Technology] innovations include:

- Use of Flame Finder™ stability to achieve VOC destruction efficiencies at much lower auxiliary fuel usage than ordinary temperature control.



Maximized stability for low emissions

- Computational fluid dynamic modeling (CFD) used for engineering analysis and development of new combustion equipment designs.



State-of-the-art computer modeling technology

- Extensive vapor control testing of the Callidus burner design to insure that flame from the combustor will not reach the vapor header.



Anti-flashback burner design

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