

ClearSign Inks Deal for Emissions Control at California Refinery

Tricor Refining, LLC selects Duplex™ technology for superior, profitable emissions control

SEATTLE, Jan. 14, 2015 /PRNewswire/ -- [ClearSign Combustion Corporation](#) (NASDAQ: CLIR), an emerging leader in combustion and emissions control technology for industrial, commercial and utility markets, announced today the signing of an agreement with [Tricor Refining, LLC](#), for the field validation of its [Duplex™ technology](#) at Tricor's refinery in Bakersfield, California.

Tricor will retrofit a 15 MMBtu/hr vertical cylindrical refinery heater with ClearSign's unique, patent-pending Duplex technology. On completion, Tricor will re-commission a critical asset, and it is ClearSign's expectation that the company will expand plant capacity and profitability, while meeting stringent environmental requirements in a cost-effective manner. ClearSign will execute this project in collaboration with [Advanced Combustion and Process Controls, Inc.](#), a critical supply chain partner who will oversee the installation.

ClearSign's solution uniquely offers the potential to achieve ultra-low NOx emissions and optimize the performance of Tricor's existing equipment — in this case, bringing a stranded asset that was last used in 1984 back to life. As a result, ClearSign anticipates that Tricor will bring new capacity online while improving their bottom line.

"Our recent traction with organizations like Tricor underscores that ClearSign is bringing a transformative technology to the oil and gas market," said Stephen Pirnat, CEO of ClearSign. "Shifting economics and evolving environmental regulations are aligning to create a real need for the unique benefits realized by Duplex technology."

About Tricor Refining

Tricor Refining, LLC is located in Bakersfield, California at the site of the Golden Bear Oil Specialties Refinery. The company offers processing capabilities for industrial asphalt customers with its two asphalt blowing stills, emulsion plant and polymer plant. Tricor offers the well-known Golden Bear Preservation line of products, as well as SC and MC cutback asphalts and asphalt emulsions. For more information, please visit www.tricorrefining.com

About ClearSign Combustion Corporation

ClearSign Combustion Corporation designs and develops technologies that aim to improve key performance characteristics of combustion systems including energy efficiency, emissions control, fuel flexibility and overall cost effectiveness. Our patent-pending Duplex™ and Electrodynamic Combustion Control™ platform technologies improve control of flame shape and heat transfer and optimize the complex chemical reactions that occur during combustion in order to minimize harmful emissions. For more information about the Company, please visit www.clearsign.com

Cautionary note on forward-looking statements

This press release includes forward-looking information and statements within the meaning of the Private Securities Litigation Reform Act of 1995 and the provisions of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Except for historical information contained in this release, statements in this release may constitute forward-looking statements regarding our assumptions, projections, expectations, targets, intentions or beliefs about future events that are based on management's belief, as well as assumptions made by, and information currently available to, management. While we believe that our expectations are based upon reasonable assumptions, there can be no assurances that our goals and strategy will be realized. Numerous factors, including risks and uncertainties, may affect our actual results and may cause results to differ materially from those expressed in forward-looking statements made by us or on our behalf. Some of these factors include the acceptance of existing and future products, the impact of competitive products and pricing, general business and economic conditions, and other factors detailed in our Quarterly Report on Form 10-Q and other periodic reports filed with the SEC. We specifically disclaim any obligation to update or revise any forward-looking statement whether as a result of new information, future developments or otherwise.

To view the original version on PR Newswire, visit: <http://www.prnewswire.com/news-releases/clearsign-inks-deal-for-emissions-control-at-california-refinery-300020337.html>

SOURCE ClearSign Combustion Corporation

For further information: Media: Alberto Gestri, Antenna Group for ClearSign, +1 415-464-6319, clearsign@antennagroup.com, Investor Relations: +1 206-673-4848, investors@clearsign.com

<https://ir.clearsign.com/2015-01-14-ClearSign-Inks-Deal-for-Emissions-Control-at-California-Refinery>