

ClearSign Announces Successful Completion of Tricor Refinery Heater Project

Duplex™ Source Test Confirms NOx and CO Levels Below Lowest District Requirements

SEATTLE, Oct. 24, 2016 /PRNewswire/ -- ClearSign Combustion Corporation (NASDAQ: CLIR), an emerging provider of industrial combustion technologies that help to reduce emissions and improve efficiency, today announced the completion and customer acceptance, and payment for its Duplex retrofit heater project at Tricor Refining in Bakersfield, California.

As previously announced, ClearSign was engaged to retrofit Tricor's single-burner, 15 MMBtu/hr vertical cylindrical refinery heater - last fired in 1984 - with ClearSign's unique, patented Duplex technology. The goal was to ensure compliance with strict air emissions regulations within Kern County. Source testing conducted by a third party on behalf of the refiner confirmed NOx (nitrogen oxides) and CO (carbon monoxide) emissions well below the current Best Available Control Technology (BACT) outlined in Rule 4320 of the San Joaquin Valley Air District rules on NOx emissions by certain types of industrial heaters including refinery process heaters.

"The Tricor installation represents the second completed and accepted application of ClearSign's patented technology within the refinery segment, which, by our studies has market potential of over \$800 Million," said Steve Pirnat, Chairman and CEO of ClearSign. "The Tricor installation is another successful application of Duplex Technology in achieving Best Available Control Technology, (BACT). The ClearSign Duplex Burner is the only burner that we are aware of that is capable of achieving this low level of NOx emissions and represents a huge opportunity for us in the Refinery Space as we continue to build successful installations. Our ability to achieve this level of performance at costs commensurate with Ultra Low NOx burners has gotten the attention of several of the Super Major Oil Companies, who are looking for cost effective technology to meet their current and future environmental compliance needs," continued Mr. Pirnat.

"We appreciate the opportunity to assist Tricor in bringing back to service a unit that had not operated since the mid '80s and couldn't be more pleased with their support and commitment to showcase Duplex to the refining industry. They are a great partner, and truly committed to environmental compliance. We look forward to doing additional work with Tricor and their two parent companies," concluded Mr. Pirnat"

About Tricor Refining

Tricor Refining, LLC is located in Bakersfield, California at the site of the former Golden Bear Oil Specialties Refinery. The refinery was purchased in 2001 by Ergon, Inc. and San Joaquin Refining Co., Inc. The facility has been redesigned into a processing, transloading and storage facility for elevated temperature, non-hazardous material, petroleum products and asphalt. Tricor offers processing capabilities for industrial asphalt customers with its two automated asphalt blowing stills, emulsion plant and polymer plant. Additionally, Tricor offers for sale its well-known Golden Bear Preservation Products, SC cutback asphalt, emulsion base stock and emulsions. With over 500,000 barrels of asphalt storage and an additional 500,000 barrels of other petroleum product storage and 38 heated railcar unloading spots, Tricor is able to provide economical transloading, tank leasing to a variety of customers for their long-term or short-term needs. Ergon, Inc. and San Joaquin Refining Co., Inc. are both privately held refiners, processors, transporters, and marketers of petroleum products are located in Jackson, Mississippi and Bakersfield, California, respectively. For more information, please visit www.tricorrefining.com.

About ClearSign Combustion Corporation ClearSign Combustion Corporation designs and develops products and technologies for the purpose of improving key performance characteristics of combustion systems, including emissions and operational performance, energy efficiency and overall cost-effectiveness. Our patented Duplex™ and Electrodynamic Combustion Control™ platform technologies enhance the performance of combustion systems in a broad range of markets, including the chemical, petrochemical, refinery, power and commercial/industrial boiler industries. For more information, 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.

Logo - <http://photos.prnewswire.com/prnh/20150217/175921LOGO>

SOURCE ClearSign Combustion Corporation

For further information: Investor Relations: Matthew Selinger, Three Part Advisors, LLC for ClearSign, +1 817-310-8776; or Media: Brittney Garneau, Pierpont Communications for ClearSign, +1 713 627-2223, bgarneau@piercom.com

Additional assets available online:  [Photos \(1\)](#)

<https://ir.clearsign.com/2016-10-24-ClearSign-Announces-Successful-Completion-of-Tricor-Refinery-Heater-Project>