



NEWS RELEASE

Box International announces Comprehensive Solution for the Cement Industry Phase I NESHAP Compliance from CEFCO Global Clean Energy, LLC through Peerless Mfg. Co.

For Immediate Release

RICHARDSON, TEXAS. August 16, 2010. Box International Consulting, LP (“Box”) announced today that CEFCO Global Clean Energy, LLC (“CEFCO”) has presented a key Paper at the Coal-Gen 2010 Conference in Pittsburgh, PA on August 11, 2010. It was published for the audience that burn coal as a fuel for their power generating process or for their many industrial heat processes, such as for industries that are coming under the increasing state and federal regulatory environment for the cement, boiler and utility industries. The CEFCO Process has direct applicability to becoming the comprehensive solution for compliance for all affected industries.

Thomas D Box, President of Box International Consulting, LP stated, “The CEFCO Process is timely and important in view of the NESHAP and the Cement MACT and the Boiler MACT standards and the associated deadlines for compliance. The CEFCO Process addresses the specific Phase I of the Cement MACT enforcement with expected total compliance, and may serve as the comprehensive solution for the cement industry that would become cleaner, safer and more cost-effective, and will allow the plants to continue making cement to the best of their ability without environmental compliance pressures. For the current regulatory situation, this compliance capability will make the CEFCO Process very cogent and relevant to the cement and lime industry. The CEFCO Process should help to make the Portland cement industry very cost- competitive and long-lasting for the future.”

The CEFCO Process has a component that was invented by the aerophysicist Thomas K. Ewan, who is also a co-inventor of the CEFCO Process, and his assistants (the “Ewan Technology”). The Ewan Technology has been in use for over 25 years in a range of applications which required particulate, trace metals and gaseous emissions removal, arising from incineration of radioactive waste, toxic metals, acidic gases, and other hazardous wastes. The U.S. Department of Energy and Department of Defense successfully used supersonic and/or sub-sonic nozzles in combination to produce shockwaves and free-jet collisions that enabled the removal of waste emissions. Ewan’s Technology (called the shockwave “free-jet collision scrubbing” in EPA literature) is extremely effective in emissions management and a proven success in that it was adopted by the Department of Energy Nuclear Regulatory Commission since the late-1970’s. The ability of capture and pollutant removal is well-documented and recognized by the EPA in the Hazardous Waste Combustors (“HWC”) Maximum Achievable Control Technology (“MACT”), which is more stringent than the newly announced MACT standards.

Prior to its official recognition of the technology, the U.S. EPA clearly stated its review, analysis and selection of the “Free-Jet” Technology in Section 3.4.2.2 of the “Technical Support Document for HWC MACT Standards”, Vol. I: Description of Source Categories” (dated February 1996), on Page 3-17, as follows:

***“ . . . When a gas stream is saturated with water and then cooled, a portion of the moisture will condense, and the fine particles in the gas stream serve as condensation nuclei. As moisture condenses on the particles, they grow in mass and are more easily collected by conventional impaction. Therefore, the condensation enhances the scrubbing system’s collection of fine particles, acid gases and metals. (Underline added for emphasis to show that EPA’s Phase I of the NESHAP and MACT enforcement for these emission categories can be satisfactorily met using this technology.)*”**

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3.4.2.2 Free-Jet

Free jet scrubbers have the same basic configuration of venturi type scrubbers (i.e., quench, scrubber, and moisture separator). Figure 3-14 shows several types of free jet scrubbing systems. The energy for moving the gases through the system and cleaning the gases is provided by the injection of a compressible fluid (typically steam or air) from a supersonic ejector nozzle which is located inside the flue gas duct. The amount of fluid added through the ejector is proportional to the mass of gas flowing through the system. The turndown capacity of the system is high because the ejector supplies the energy required to move the gases through the system. At the exit of the ejector nozzle, water is injected into the high velocity flow. The velocity of the steam or air breaks the water into small droplets. The flue gas and ejector fluid mixture then passes through a subsonic nozzle in which additional water spray is injected. Finally, the gas passes into an expansion section where free jet mixing takes place, aiding in further particulate agglomeration and capture. The primary advantage is improved capture efficiency compared with conventional venturi scrubbers and lower total energy requirements. (Underline added for emphasis to show that EPA's goals for these emission categories and reduced "parasitic load" of energy consumption can be satisfactorily met using this technology.)"

The CEFCO Process (which is the modern integration of the Ewan supersonic shockwave "free-jet collision scrubbing" with the Cooper Process for making end-products) has been reported in the Power Engineering Magazine in two articles about the CEFCO Process appearing under: (1) "Supersonic Emissions Control" in January 2009, and (2) "Patent Rights will soon be Available" in August 2009. (Please see the Power Engineering Magazine articles attached as a PDF File herewith.)

Thomas D Box explained: "We believe that the CEFCO Process could become a benchmark in the cement industry as a MACT solution for total NESHAP compliance for the targeted emissions and produces the resulting emission of clean air, plus provides a potential revenue-generating stream for users, together with their related environmental or renewable energy credits. The CEFCO Process should be considered a transformative development and a paradigm shift for the cement industry."

CEFCO Process equipment and process units are designed to be modular and can be installed in various stages according to the needs of the users. The equipment units comprised of four separate and respective modules of CEFCO's aerodynamic reactor technology used for the selective capture and removal of: (a) fine Particulate Matters (even smaller than 2.0 microns) and Mercury ("Hg" in all forms, including elemental vapor, liquid and solid forms) and the neutralization of acidic gases, (b) SO_x, (c) NO_x, and (d) CO₂ and CO_x, and the subsequent conversion of captured and sequestered pollutants into high-grade end-products through chemical conversion of pollutants in a re-circulating and re-generating reagent system, which can then be commercially sold by the end-user or operator of the CEFCO Process. In such an operation, the ownership and operation of a comprehensive air emissions treatment center can be viewed not as a "cost-center" in the future, but potentially as a "profit-center".

In July 2010, CEFCO Global Clean Energy, LLC has entered into the CEFCO Process Manufacturing License Agreement (the "License Agreement") with Peerless Mfg. Co. ("Peerless"), a wholly-owned subsidiary of PMFG, Inc. (Nasdaq: PMFG). Pursuant to the License Agreement and subject to the terms and conditions set forth therein, Peerless was granted exclusive manufacturing rights in the continental United States to manufacture equipment and process units incorporating the CEFCO

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Process. Peerless and CEFCO are currently working to develop the modularized production prototype and to prepare manufacturing facilities for the CEFCO Process equipment intended to be offered to the cement and lime industry in the next year. With its 75 years of history and experience in manufacturing, CEFCO has confidence in Peerless' scale-up capability to fit the market needs.

About Box International Consulting, L.P.

Box International Consulting, LP is a full service cement industry consulting firm located in Richardson, Texas USA who was recently named CEFCO's sole representative to the North American cement and lime industries in the representation and dissemination of the CEFCO Process in the United States, Canada and Mexico. Box also provides project management and consulting services to the cement industry and is associated with financial institutions and investors located in the U.S. and abroad.

About Peerless Mfg. Co.

Peerless Mfg. Co., a wholly-owned subsidiary of PMFG, Inc. (Nasdaq: PMFG), is a leading provider of custom engineered systems and products designed to help ensure that the delivery of energy is safe, efficient and clean. Peerless primarily serves the markets for power generation, natural gas infrastructure and petrochemical processing. Headquartered in Dallas, Texas, they market their systems and products worldwide.

About CEFCO Global Clean Energy, LLC

CEFCO Global Clean Energy, LLC (Dallas, Texas) is a technology development company that specializes in carbon capture and all-pollutants capture by employing what it believes to be the most energy-efficient and cost-saving technology for comprehensive air emissions compliance with governmental regulations. The CEFCO Process uses the shockwave "free-jet collision scrubbing" technology that was recognized, selected and codified by the EPA into its Hazardous Waste Combustors ("HWC") Maximum Achievable Control Technology ("MACT") Standards on May 22, 2002 with its own proprietary selective applications to capture Greenhouse Gases ("GHG", such as carbon dioxide), toxic metals (such as mercury), and acidic gases (such as SO_x, NO_x and HCl), and converts each group of the captured pollutants into valuable and salable end-products by a chemical engineering and refining process.

**For Cement Industry-Related Questions,
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**For interested parties with Technical Questions on the CEFCO Process,
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