



KELSO
TECHNOLOGIES
INCORPORATED

TSXV:KLS

NEWS RELEASE

FOR IMMEDIATE RELEASE

KELSO TECHNOLOGIES ANNOUNCES NEW CW-3X1 INSPECTION VALVE TARGETED AT MULTI-MILLION DOLLAR MARKETPLACE

MONDAY MARCH 30, 2009 - VANCOUVER, BC, CANADA – **Kelso Technologies Inc. (TSXV:KLS and Pink Sheets:KEOSF)** announced today the introduction of its CW 3x1 Inspection Valve for the safe inspection of rail tank cars at the loading/unloading platforms. Kelso has shipped its first quantity of inspection valves to one of its largest customers which commissioned the design by Kelso for use on its rail tank car fleet. The Company plans to market this new product aggressively in the coming weeks and months to what it believes is a market valued at as much as \$9,000,000.

Each time a tank car equipped with a bottom outlet valve (BOV) is loaded or unloaded, regulations require the valve be inspected to make sure it isn't leaking. In most cases, this requires an inspector to go under the tank car and remove a plug in the BOV cap. When the plug is removed from a leaking BOV, any contents inside the cap can drip or flow on the inspector's hands and arms, which is a definite safety problem. In addition, there are often problems screwing the plug back in correctly to form a liquid-tight seal as required by Association of American Railroads (AAR), and the Canadian regulators.

Kelso's new CW 3x1 inspection valve is designed to replace the plug in the BOV cap and eliminate these problems while speeding up the BOV inspection. When the BOV is inspected, the inspector simply removes Kelso's inspection valve and then rotates the handle on a ball valve. If anything has accumulated in the cap, it will drain out and not come in contact with the inspector since the handle is on the side of the ball valve. The inspector closes the valve handle and re-installs Kelso's inspection valve without concern for it being liquid-tight as this feature is controlled by the incorporated ball valve. The operation usually saves about 10 minutes of inspection time and definitely improves inspection safety. Kelso also offers other sizes of this unit to accommodate the different BOV caps currently in use.

"This new Kelso CW 3x1 Inspection Valve is an ideal compliment to Kelso's existing product line of pressure relief valves and the Manway Securement System, ensuring the safe transportation of commodities throughout North America. It is but one of other new innovative products Kelso will be taking to market in the future," stated Neil Gambow, President of Kelso Technologies (U.S.A.) Inc.

Kelso's Current Product Line Patented in 21 Countries Worldwide

In addition to this new valve, Kelso has been selling its various **External** Pressure Relief Valve (PRV) models, for which the Company holds 21 patents worldwide. These PRVs replace the decades-old "Internal Helical Spring" PRV which uses an internal helical spring, internal valve stem placed in tension by the spring, and an internal spring guide tube.

Internal Helical Spring PRVs have the active components inside the tank car and are exposed to chemicals that may degrade the valve components over time. Any degradation of the internal active valve components generally result in a reduced level of reliability or outright failure of the valve to operate.

Kelso has developed and sells several models including the JS75 (standard flow), the JS75L (low flow), the JS75H (high flow), and the JS165L (low flow), and is currently completing development of the JS165H (high flow) valve and a JS225/280 high pressure valve for tank cars carrying chemicals under pressure.

Over seven years of real rail service, none of Kelso's PRVs have experienced any working problems nor have any of the valves required any servicing. This has established the critical reliability of the product in the eyes of the industry, which is the single most important qualification to market entry, resulting in many

significant customers embracing Kelso's product (see customer list below). In addition, routine replacement costs for o-rings have been cut to 1/8th of their costs using Kelso's seal and seal retention design.

The Kelso valve technology is also applicable to the over-highway trailer market, ISO-tank market, marine tankers and barges, and other rail tank car markets throughout the world.

Kelso's prestigious customer list includes, among others, such companies as American Railcar Industries, BASF Corporation, DuPont, Eastman Chemical, Exxon-Mobil, Millennium Rail Industries, Olin Chlor Alkali Products, Occidental Chemical Corporation, PotashCorp/GATX, Rescar Industries, Southwest Rail, Terra Nitrogen, Texana Tank Car, TrinityRail and Union Tank Car Company.

Kelso is a customer-driven, product-solutions company and developer of the unique JS line of pressure relief valves, the Manway Securement System (allowing access to the top of the tank car utilizing a one band fastening system resulting in reduced maintenance) and other unique rail tank car products for the rail industry.

Kelso Technologies Inc. is a public company that trades on the TSX Venture Exchange under the symbol KLS and is quoted in the United States on the Pink Sheets under the symbol KEOSF. For further information about Kelso, please visit the company's website at www.kelsotech.com or contact Corporate Communications at 1.866.535.7685 ext. 3 (604.878.7600 ext 3) (email: [kelso @ kelsotech.com](mailto:kelso@kelsotech.com)).

Issued on behalf of the Board of Directors of Kelso Technologies Inc.,

*"John L. Carswell"
John L. Carswell
President & CEO*

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release. The information in this news release may contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. When used in this release, words such as "estimate", "expect", "anticipate" and "believe" as well as similar expressions are intended to identify forward-looking statements. Such statements are used to describe management's future plans, objects, and goals for the Company and therefore involve inherent risks and uncertainties. The reader is cautioned that actual results, performance or achievements may be materially different from those implied or expressed in such statements, which speak only as of the date the statements were made. The Company does not update forward-looking statements continually as conditions change. We seek safe harbor.