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VACCO Industries Manufactures Critical Components for the Mars Science Laboratory Mission

South El Monte, CA, August 16, 2012 - NASA's Mars Curiosity rover landed on the Red Planet Sunday, August 5, 2012 at 10:31 pm PDT, accomplishing one of the most difficult, high-risk missions ever attempted by NASA and the Jet Propulsion Laboratory. With filters, fill & drain valves, latch valves and regulators aboard, VACCO Industries is proud to be a part of this historic feat.

VACCO produced some of the most critical propulsion components needed to help the Curiosity rover successfully land on Mars. The Launch Vehicle, an Atlas V rocket, contained VACCO metal mesh filters, while the Cruise Stage depended upon VACCO latch valves, etched disc filters and fill & drain valves for successful performance. Entry, descent and landing the Curiosity rover on Mars were particularly challenging tasks. The Descent Module relied on a VACCO pressure regulator, along with etched disc filters, metal mesh filters and fill & drain valves.

Comparable in size to a SUV and weighing nearly 2000 pounds, the Curiosity rover is traveling the planet with VACCO fill & drain valves aboard. As it traverses Mars performing science experiments over the next two years, its mission is to determine whether life ever existed on the planet.

ABOUT VACCO Industries

VACCO Industries, part of the Filtration Solutions Group of ESCO Technologies Inc. (NYSE:ESE), St. Louis, is a leading designer and manufacturer of specialty valves, filters and advanced fluid control products. For nearly 60 years, VACCO has been serving the defense, space and commercial markets to provide innovative, engineered solutions to critical missions. For more information about VACCO products, contact: John Habis, Sr. Director, Sales & Marketing, (626) 450-6432 or jhabis@VACCO.com.

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