

Surrey, British Columbia (FSCwire) - Larry W. Reaugh, President and Chief Executive Officer of American Manganese Inc. (American Manganese; or the Company; (TSX.V: AMY; Pink Sheets: AMYZF; Frankfurt: 2AM), is pleased to announce that the Company has received and accepted the Reagent Optimization and Locked Cycle Scoping Study; proposal from Kemetco Research Inc. (Kemetco). The testing program is scheduled to begin by mid-October 2016.

Under the current research program, American Manganese has conducted scoping studies as a proof of concept to show that a popular cathode material, lithium cobalt oxide, could be leached and that the leached cobalt and lithium could then be precipitated for reconstituting the cathode materials. Phase 1 extractions of 100% for both lithium and cobalt were achieved from cathode powders used for lithium ion batteries, and Phase 2 showed 91% of the cobalt and 60% of the lithium could be precipitated from the leach solution in a single pass. Repeating the cycle multiple times should increase the recovery of lithium to approach 90%. (See the Company's press release dated September 16, 2016.)

Currently, the Company is diligently proceeding with Phase 3 of its scoping test program to build prototype coin cell rechargeable batteries (see example: AMY Lithium Ion Battery Assembly 2012) from reconstituted lithium and cobalt powders generated to-date; says Mr. Larry Reaugh. If Phase 3 produces successful results, the Company's process will be sufficiently proved to justify filing a US Provisional Patent Application of the Company's proprietary process.

Kemetco has prepared a graduated technology development program with the goal of developing a complete flowsheet to maximize the recovery of valuable cathode components while minimizing reagent consumption and addressing water balance in an environmentally friendly and economic manner. The work breakdown structure is as follows:

- Bench Scale Studies

- Reagent Optimization and Locked Cycle Scoping Studies on LiCoO₂ (Approved)
- Locked Cycle Optimization on LiCoO₂
- Development Work on LiNiMnCo, LiMnO, LiNiCoAl Chemistries
- Locked Cycle Optimization on LiNiMnCo, LiMnO, LiNiCoAl Chemistries

- Pilot Scale Studies

- Pilot Plant Demonstration and Engineering Scale-up
- Pre-commercial Demonstration
- Processing and Testing Customer Products

About Kemetco Research Inc.

Kemetco Research Inc. is a privately owned contract research and development company specializing in extractive metallurgy, chemical processing and specialty chemical analysis. It was formed after the acquisition of the industrial process division of B.C. Research, which had been in operation for over 60 years as a research and development contractor in British Columbia.

About American Manganese Inc.

[American Manganese Inc.](#) is a diversified specialty and critical metal company focused on capitalizing on its patented intellectual property through low cost production or recovery of electrolytic manganese products throughout the world, and recycling of spent electric vehicle lithium ion rechargeable batteries.

Interest in the Company's patented process has adjusted the focus of [American Manganese Inc.](#) toward the examination of applying its patented technology for other purposes and materials. [American Manganese Inc.](#) aims to capitalize on its patented technology and proprietary know-how to become an industry leader in the recycling of spent electric vehicle lithium ion batteries having cathode chemistries such as: Lithium-Cobalt, Lithium-Cobalt-Nickel-Manganese, and Lithium-Manganese (Please see the Company's March 31, 2016 press release for further details).

On behalf of Management

AMERICAN MANGANESE INC.

Larry W. Reaugh
President and Chief Executive Officer

Information Contacts:

Larry W. Reaugh
President and Chief Executive Officer
Telephone: 778 574 4444; Email: lreaugh@amymn.com

www.americanmanganeseinc.com

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