

American Manganese Inc.

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American Manganese reaches another milestone with completion of initial test on final stage of recycling pilot plant project

American Manganese Inc (CVE:AMY) (OTCMKTS:AMYZF) reached another milestone in its bid to become a global leader in lithium-ion battery recycling.

In a statement, the company said its independent contract lab Kemetco Research had successfully completed an initial test on the final stage (Stage 5) of its ground-breaking pilot plant project.

READ: American Manganese reports 99.94% purity from recovered NCA cathode material at pilot plant

The test was on solutions generated from treatment of both NMC (lithium-nickel-manganese-cobalt) and NCA (lithium-nickel-cobalt-aluminum) type cathode scraps, it said.

AMY's technology in the plant allows it to extract cathode metals, such as lithium, cobalt, nickel, manganese, and aluminum at battery-grade purity, with minimal processing steps.

"Lithium-ion battery recycling is a certainty, and with the growing demand in electric vehicles and portable electronics, American Manganese plans to be a global leader in lithium-ion battery recycling," Larry Reaugh, the president and CEO of American Manganese, told investors.

"Our patented RecycliCo™ process would eliminate waste by diverting end-of-life lithium-ion batteries from landfills; reduce mined raw materials by providing recycled materials for the lithium-ion battery supply chain; improve manufacturing costs by recycling cathode scrap for use in future lithium-ion cathode manufacturing, and eliminate carbon emissions with our closed-loop hydrometallurgical process."

The stage 5 testing consisted of a newly developed proprietary process, which focuses on the recovery of battery-grade lithium, reduction of reagent usage and processing steps, the firm revealed.

But due to the proprietary nature of the technology, it said it was not disclosing all testing results.

A third patent

But based on the success of this stage, it expects to file for a third patent in lithium-ion battery recycling.

The company currently holds two US patents for its lithium-ion battery recycling technology under its wholly-owned US subsidiary Rocher Manganese Inc.

At the end of August, American Manganese revealed Kemetco had achieved 99.94% purity from the recovered NCA (nickel-cobalt-aluminum) cathode material, tested in stages 3 and 4 of the RecycliCo pilot plant project.

Price: 0.215

Market Cap: \$39.67 m

1 Year Share Price Graph



Share Information

Code: AMY

Listing: TSX-V

52 week High Low
0.275 0.095

Sector: Renewable Energy

Website:
www.americanmanganeseinc.com

Company Synopsis:

American Manganese Inc. is a critical metals company focused on the recycling of lithium-ion batteries with the RecycliCo™ Patented Process. The process provides high extraction of cathode metals, such as lithium, cobalt, nickel, manganese, and aluminum at battery grade purity, with minimal processing steps. American Manganese Inc.

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Kemetco provides scientific expertise in the fields of specialty analytical chemistry, chemical process and extractive metallurgy.

Shared advanced 2.63% to C\$0.195 in Toronto.

---Updates for share price---

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