

# American Manganese Inc.

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## American Manganese begins final stages testing of NCA cathode materials at recycling pilot plant project

American Manganese Inc (CVE:AMY) (OTCMKTS:AMYZF) reported further advances at its ground-breaking battery recycling pilot plant project, with the firm's contractor now to begin final stages testing of NCA (lithium-nickel-cobalt-aluminum) cathodes, it said Tuesday.

The plant's technology allows the group to extract cathode metals, such as lithium, cobalt, nickel, manganese, and aluminium at battery grade purity, with minimal processing steps.

The company noted that stages 1 and 2 of the pilot plant consisted of a pre-treatment and leach on the NMC (lithium-nickel-manganese-cobalt) and NCA cathode material to produce 500 litres of pregnant leach solution from each chemistry.

It added that independent research contractor Kemetco Research Inc. first conducted tests on stages 3 and 4 using the recovered NMC pregnant leach solution and reported 99.93% purity results, as announced on 24 July.

American Manganese said Kemetco will now conduct the same tests for the NCA cathode material to demonstrate recycling opportunities with other cathode chemistries.

Once complete, the final stage of the pilot plant project, stage 5, will include the recovery of battery grade lithium carbonate as well as the recycling of process reagents and water.

Stage 5 will also incorporate a new patent application that improves processing and recovery capabilities, the company added.

Larry Reaugh, the chief executive of American Manganese. commented: "There are many lithium-ion battery cathode chemistries used in a variety of applications from portable electronics to electric vehicles.

"The NCA and NMC cathodes are popularly used in electric vehicles, such as Tesla, Nissan, BMW, and Volkswagen battery packs. The Pilot Plant project has attracted significant industry attention and the company plans to extend testing and provide proof of concept for third-party materials, which consist of NMC and NCA cathode materials."

Shares added 2.13% to \$0.24 in Toronto.

---Updates share price---

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**Price:** \$0.20

**Market Cap:** \$35.09 m

### 1 Year Share Price Graph



### Share Information

**Code:** AMY

**Listing:** TSX-V

<b>52 week</b>	<b>High</b>	<b>Low</b>
	<b>0.305</b>	<b>0.13</b>

**Sector:** Tech

**Website:**  
[www.americanmanganeseinc.com](http://www.americanmanganeseinc.com)

### Company Synopsis:

American Manganese Inc. is a critical metals company focused on the recycling of lithium-ion batteries with the RecyclLiCoTM 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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