



AETHER BEGINS TESTING AT SGS FACILITY

Burnaby, British Columbia / March 11, 2020 – Aether Catalyst Solutions, Inc. (“ATHR” or the “Company”) (CSE: ATHR)(FSE:2QZ), is pleased to announce that having received funding from NRC-IRAP, Aether has sent out its fourth generation catalyst technology for external aging at SGS Advanced Testing and Engineering. This SGS facility is well known in the automotive industry for their expertise in performing industry standard accelerated aging on catalytic converters. SGS is performing the standard 4 mode accelerated aging protocol SBC 800 which is similar to the California Air Resource Board RAT-A aging cycle. This cycle includes all the key stresses found in the catalytic converter system including lean/rich cycling and thermal shocks of approximately 90°C. The temperature and time are set to represent the condition of an automotive catalytic converter at the end of its useful life.

To capitalize on this testing opportunity, Aether has worked with SGS to develop a set-up that allows for 16 samples to be aged in parallel. This has allowed for multiple baseline fourth-generation catalyst samples as well as 3 other variants to be aged concurrently. All aged samples returned from SGS will go through the following standard automotive catalytic converters tests: Light-Off Test which demonstrates conversion rates as a function of temperature at a given air-to-fuel ratio; and Lambda Sweep Test which defines the catalyst sensitivity to the air to fuel ratio in a vehicle engine.

The external aging done at SGS is an important milestone on Aether’s path to commercialize its technology. First it encompasses all the representative aging stresses into one profile, thus ensuring Aether has a full understanding of its catalyst’s ability at projected end of life. Secondly, it provides very clean and representative data to benchmark against incumbent technology. Third, the test results after aging will build an excellent information package to discuss with the automotive OEMs and suppliers. Finally, it allows Aether to correlate its internal accelerated aging processes to a recognized external standard enabling the company to accurately evaluate on-going aging robustness improvements with confidence.

Testing has begun, and results from the full cycle of testing are expected sometime in the near term.

Separately, the Company wishes to announce that its NRC-IRAP funding facility has been further increased to \$245,000.

ABOUT THE COMPANY:

Aether Catalyst Solutions, Inc. is focused on providing an order of magnitude cost reduction in automotive catalytic converter catalyst, while meeting, or exceeding government emission standards. Aether is working to quickly advance its technology through rapid screening of new materials directed at enhancing end of life conversion levels after accelerated aging. While Aether's primary focus is automotive, other potential applications for this low-cost technology are also being explored. Aether is looking to supplant precious metals in automotive catalysts for gasoline powered engines, a greater than \$20 billion cost annually at today’s prices.

FOR FURTHER INFORMATION PLEASE CONTACT:

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