

Dais Looks to Further Build on Aqualyte V4 Following Strong Performance and Improved AHRI Certification Results of Aqualyte V3

ODESSA, FL--(Marketwired - Sep 3, 2015) - Dais Analytic Corporation (OTCQB: DLYT), a commercial nanotechnology materials business selling its industry-changing technology into the worldwide air, energy and water markets, announced today the third generation (V3) of Aqualyte™ -- the Company's current generation of versatile family of membrane materials -- received higher performance ratings in third party certification results from the industry leading Air Conditioning, Heating and Refrigeration Institute (AHRI) than second generation (V2) Aqualyte™ nanomaterial it replaced when tested in the ConsERV™ High Efficiency Energy Recovery Ventilator (HE-ERV) product.

ConsERV™ has proven useful in HVAC ventilation air applications to lower energy costs and emissions while safely allowing the size of the HVAC equipment managing a structure's ventilation air requirements to be smaller and less expensive. These benefits raise an HVAC system's efficiencies, and provide a higher level of indoor air quality; a condition linked by the US EPA to greater student and worker productivity.[1]

The AHRI Product Performance Certification Program is a voluntary program, administered and governed by AHRI, which ensures that various types of heating, ventilation, air conditioning, refrigeration, and water heating products perform according to manufacturers' published claims. Products certified through the AHRI Product Performance Certification Program are continuously tested, at the direction of AHRI, by an independent third-party laboratory, contracted by AHRI, to determine the product's ability to conform to one or more product rating standards or specifications.

Under development and testing for nearly a year, and now in commercial use for the past ten months, Aqualyte™ V3 has been successfully implemented in various air and water applications. These include the ConsERV HE-ERV product; NanoClear™, which is Dais' contaminated water treatment process nearing initial commercialization projected for 2015; and NanoAir™, a complete heating and cooling system using no refrigerant gases, projecting lower energy consumption and fewer carbon based emissions. NanoAir™ is currently under development with funding partially provided by the US Department of Energy, or the US Army.

"The latest Dais Aqualyte™ nanomaterial has shown higher performance characteristics through successful use at a variety of commercial and industrial locations using the ConsERV™ High Efficacy Energy Recovery product," said Charles Kenyon, President and CEO of Multistack, LLC., a sub-licensee of the ConsERV™ brand of energy recovery ventilators in North and South America. "These improved materials are an enhancement to the ongoing growth strategy of Multistack in our air-side business. In the coming months we look forward to additional improvements in the base Aqualyte™ materials from Dais, as well as our energy recovery business."

"Dais (Beijing) is successfully installing and using ConsERV high efficiency, full enthalpy energy recovery ventilator systems built with V3 Aqualyte™ nanomaterial in China," said Mr. Fuying Yu, CEO of Dais Beijing. "Our customers enjoy the superior quality and value our high efficiency ventilator products bring to their homes and offices."

"We are very pleased with the general customer response to the Aqualyte™ V3 material, now followed by the recent AHRI Certification test results. This reinforces what we already knew -- that Aqualyte™ V3 is a superior product within the Aqualyte™ family," said John Herrin, COO of Dais Analytic. "V3 offered opportunities to improve current energy efficiency, while lowering carbon dioxide levels across our air, energy, and water applications; such as HVAC systems, and contaminated water cleaning equipment."

The market acceptance and technical success of the Aqualyte™ V3 material paved the way for further enhancements of the Company's proprietary family of nanotechnology materials culminating in the announcement of the fourth generation of Aqualyte™ (V4) announced in July of this year. V4 offers higher latent transfer and better molecular selectivity, is projected to launch in late 2015, is currently undergoing trial customer use (as well as third party and varied in-house testing), builds on the innovations introduced in Aqualyte™ V3's updated structure, and is intended to extend Aqualyte's™ power into the Company's current and planned air, energy, and water products.

Aqualyte™ nanomaterials and processes are used to replace energy consuming components such as motors, compressors, and more in a newer generation of air, energy, and water products. The features of the nanomaterial consume little energy, and have no moving parts, allowing the targeted air, energy and water industry products using it to be projected to provide enhanced efficiencies and end-user functionality.

[1] US EPA, 'Schools, IAQ, and Health', May 2010

About AHRI

AHRI is a globally recognized and industry respected certification program providing equipment and component manufacturers with the credibility required to sell more products, win bids, differentiate from competitors, and comply with government requirements.

About Dais Analytic Corporation

Dais Analytic Corporation (OTCQB: DLYT) is a nanotechnology business producing a versatile family of membrane materials -- called Aqualyte -- focusing on evolutionary or disruptive air, energy and water applications. The uses include:

- ConsERV™, a commercially available engineered energy recovery ventilator (an HVAC product) useful for efficient management of ventilation air's temperature and moisture content using the energy found in the outgoing 'stale' air stream to pre-condition the incoming fresh air often saving energy, CO₂, and allowing for equipment downsizing;
- NanoClear™, an early beta-stage method for treating contaminated water (notably most all forms of industrial waste), to provide pure drinking water;

- NanoAir™, an early beta-stage water-based, no fluorocarbon producing refrigerant cooling cycle useful to replace the existing gas based compression cooling cycle in most all forms of air-conditioning and refrigeration saving a projected 50% in energy and CO2;
- NanoCAP™, a prototype stage use of the Aqualyte™ family has shown itself to be a disruptive non-chemical energy-storage device which when completed will be useful in extending the value in renewable energy installations, transportation, consumer product uses, and 'smart grid' configurations.

Each use demonstrates the diversity of Dais' core product -- Aqualyte™ -- the family of nano-structured polymers and engineered processes having a focus on minimizing consumption of irreplaceable natural resources, and ending the degradation of our environment. To find out more about Dais please visit www.daisanalytic.com, www.daischina.com, and to learn more about ConsERV™ please visit www.conserv.com.

Safe Harbor Statement

This press release includes statements that may constitute forward-looking statements made pursuant to the safe harbor provision of the Private Securities Litigation Reform Act of 1995. These forward-looking statements can be identified by terminology such as "will," "expects," "anticipates," "future," "intends," "plans," "believes," "estimates," and similar statements. Statements that are not historical facts, including statements about the Company's beliefs and expectations, are forward-looking statements. Forward-looking statements involve inherent risks and uncertainties that could cause actual results to differ materially from the forward-looking statements. For example, statements about the future sales volume are forward looking and subject to risks. A number of important factors could cause actual results to differ materially from those contained in any forward-looking statement. Potential risks and uncertainties include, but are not limited to, risks outlined in the Company's filings with the U.S. Securities and Exchange Commission. The Company does not undertake any obligation to update any forward-looking statement, except as required under applicable law.

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- Dais

Contact:

Press

Matthew Bretzius

FischTank Marketing and PR

matt@fischtankpr.com