



Compressed Air and Gas Institute Releases New Standard for Testing Blower Performance

Cleveland, Ohio - August 1, 2013

The Compressed Air and Gas Institute announced the release of its latest standard, CAGI BL 5389, *Simplified Acceptance Test of Electric Driven, Low Pressure Turbocompressor Air Blower Packages*. The standard provides a simplified, wire-to-air performance test code applicable to packaged, low pressure turbocompressors handling atmospheric air. CAGI will submit the new standard for consideration as an annex to the ISO 5389 standard that will be used throughout the world to test turbocompressor performance.

In 2010, CAGI members were approached by The Consortium for Energy Efficiency (CEE) on behalf of 130 energy efficiency program administrators across the United States and Canada, (cee1.org) to address the need for increased consistency in the energy performance testing of packaged blowers used in wastewater treatment and industrial applications. In response, a working group within CAGI's Blower Section formed soon after.

The ISO 5389 standard provides an extremely detailed, complex procedure to test and rate turbocompressor blowers. The new standard provides an easily integrated, cost effective, yet highly accurate approach to testing. It is applicable to all dynamic blower packages in all industrial and municipal air applications. While the standard is intended for use with all types of turbocompressor blower packages, it will be particularly useful for machines that are manufactured in batches or in continuous production quantities.

"We developed the CAGI BL 5389 standard to meet the needs of purchasers, specifiers, and manufacturers. The standard provides a cost effective and accurate means of comparing performance among manufacturers, including specific power performance, or power used per unit of air delivered," said Kenny Reekie, chair of the CAGI Blower Section.

The standard will be available as a free download on the CAGI website, www.cagi.org. Interested parties should contact CAGI for further information.



CAGI has authored standards for compressors, dryers, filters and systems that have becoming international standards used the world over.

The Compressed Air and Gas Institute is the united voice of the compressed air industry, serving as the unbiased authority on technical, educational, promotional, and other matters that affect compressed air and gas equipment suppliers and their customers. CAGI educational resources include e-learning coursework on the *SmartSite*, selection guides, videos, and the *Compressed Air & Gas Handbook*. For more information, visit the CAGI web site at www.cagi.org.

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