

NIA's E-Learning Course Adds Quizzes and Is Available to an Even Larger Audience!

The National Insulation Association (NIA) is excited to announce that its 5-module online training seminar: the Mechanical Insulation Education & Awareness E-Learning Series, is now available on the National Institute of Building Sciences' (NIBS) website at www.wbdg.org/education/nia01.php. In addition to offering the benefits of the E-Learning course to a wider audience, NIA is pleased to have added quizzes so that companies can better incorporate this tool into their companies' training programs. The modules cover the following topics:

- Module 1: Educational Series Introduction and Defining Mechanical Insulation—Provides an overview of the series, discusses mechanical insulation in comparison to other insulation, and provides information on the National Institute of Building Sciences' (NIBS') Mechanical Insulation Design Guide (MIDG), including the simple calculators.
- Module 2: Benefits of Mechanical Insulation—Provides an overview of the power of mechanical insulation in the new construction, renovation, and maintenance arenas when designed, installed, and maintained properly.
- Module 3: Mechanical Insulation Science and Technology—Discusses understanding energy, what insulation is, how insulation works, psychrometrics, and mechanical insulation definitions and terminology.
- Module 4: Mechanical Insulation Design Objectives and Considerations—Discusses design objectives, including condensation control; energy, economics, and the environment; fire safety; freeze protection; personnel protection; process control; and noise control. Design considerations include abuse resistance, corrosion under insulation, indoor air quality, maintainability, regulatory considerations, service and location, and service life.
- Module 5: Mechanical Insulation Maintenance—Discusses the benefits of timely and proper maintenance, which can provide a significant return on investment.

Those who complete the E-Learning course are now eligible for credit from the United States Green Building Council (USGBC) and its sister organization, the Green Building Certification Institute (GBCI), as well as the American Institute of Architects (AIA). NIA also offers professional development hours (PDH) for the completion of the training course.

NIA collaborated with the U.S. Department of Energy (DOE) to offer this learning tool. The modules are appropriate for users of all skills levels and can help specifiers, architects, engineers, facility managers, and owners gain a deeper understanding of mechanical insulation systems and how they can benefit a business's bottom line. The E-Learning course will continue to be available on the National Training and Education Resource (NTER) site at www.nterlearning.org/web/guest/course-details?cid=233.

NIA launched this online, interactive course in 2012 to educate and train users about the benefits, proper design and installation, and maintenance of mechanical insulation. NIA will continue to emphasize the importance of mechanical insulation and educate users on its value.

For more information on NIA or its educational and training programs, please contact training@insulation.org.

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NIA is a not-for-profit trade association representing both merit (open shop) and union contractors, distributors, laminators, fabricators, and manufacturers that provide thermal insulation, insulation accessories, and components to the commercial, mechanical, and industrial markets throughout the nation. Since 1953, the northern Virginia-based association has been the voice of the insulation industry and is dedicated to keeping the commercial and industrial insulation industry up to date on the latest industry trends and technologies. For more information, visit www.insulation.org.