



**US Army Corps
of Engineers®**

ENGINEERING AND CONSTRUCTION BULLETIN

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Subject: Sustainability/Energy/Leadership in Energy and Environmental Design Point of Contact for Each District and Center

Applicability: Directive

1. The Deputy Assistant Secretary of the Army for Installations (Installations and Housing) has established the very ambitious goal of achieving LEED New Construction (LEED®-NC) Silver for all MCA projects. As a service provider to the Army and Air Force, USACE needs to position itself for success. The requirements established by this ECB are expected to help us do so.

a. This ECB was originally effective 01 October 2007 and applies to each District and Center with a Military Programs mission, and each Center of Standardization (COS) shall have at least one U. S. Green Building Council (USGBC) Leadership in Energy and Environmental Design (LEED-AP) or equivalent on its staff to provide review, consulting, facilitation and interpretation to Military Programs Project Development Teams (PDTs) on sustainability, energy and LEED issues. The recommended background for this position is:

- (1) Experience on at least one LEED or equivalent certified project.
- (2) Education as an architect, engineer, planner, construction management, environmental engineer/scientist or built environment related degree.
- (3) Sustainability accreditation (LEED AP (any type), Green Globes, CEM or similar).

(4) Demonstrated understanding of building envelope and mechanical systems as well as low impact design. Supervisors are encouraged to include this requirement in staff IDP's and make maximum use of their authority to fund this training to become LEED-AP or equivalent certification. Persons currently filling these positions may be grandfathered in and provided time to obtain the recommended background.

b. District/Center Sustainable/Energy/LEED design POCs are being maintained by HQ USACE E&C and is available on the TEN website under Sustainability. Request Chiefs of Regional Business Technical (RBT) Divisions update the list as appropriate and return to HQ USACE E&C (Ms Paula Loomis) quarterly (01 Oct, 02 Jan, 01 Apr, and 01 Jul) each year. Additionally each RBT will appoint one person at the Regional Business Center (RBC) and

ECB No. 2013-32

Subject: Sustainability/Energy/Leadership in Energy and Environmental Design Point of Contact for Each District and Center

District as the POC for Sustainability/Energy/LEED and include this POC information in the quarterly update. More information on becoming a LEED Accredited Professional is available at <http://www.usgbc.org>.

c. The following courses are recommended for individuals supporting SDD activities. These courses are available at member pricing under the Army's membership in the USGBC. A 10-15% discount is available for multiple attendees at the same workshop. To obtain group discount code, contact the USGBC at workshop@usgbc.org prior to individual registration. To register at the discount price, obtain the Army Corporate Access ID from one of the POCs listed.

(1) LEED 101: Green Building Basics & LEED. This course is for people new to green building and who want to learn the basics. Learn about USGBC; green building motivators, principles, best practices, regulations and incentives; and fundamentals of the LEED rating systems – including the intents, concepts and terms for each LEED credit category. More information on this workshop is available at <http://www.usgbc.org>.

(2) LEED 201: Core Concepts & Strategies. This course provides essential knowledge of sustainable building concepts that are fundamental to all commercial and institutional LEED rating systems, with brief mention of LEED for Homes. Learn about LEED intents and concepts at the credit category level, including common strategies, synergies, metrics and referenced standards; as well as basics of the LEED certification process. Interactive activities based on real LEED projects reinforce what has been learned. This course is recommended prior to taking commercial rating system-specific (Building Design + Construction, Interior Design + Construction, or Operations + Maintenance) education programs. It covers the concepts that serve as the basis for the LEED Green Associate exam.

(3) LEED 202: How to Document & Certify Projects. Learn how to use LEED Online v3 from those who created it. This course addresses the full LEED certification process – from creating a project team, to registering a project in LEED Online v3 and adding team members, to building a LEED scorecard and navigating credit forms, to preparing a LEED certification application and completing review and close-out procedures. Best practices for LEED documentation are included to help you pave the way toward certification. This course focuses primarily on LEED 2009 commercial rating systems – particularly LEED for New construction, LEED for Core & Shell, LEED for Schools and LEED for Commercial Interiors calling out the key differences between certification under these rating systems and the LEED for Existing Buildings: Operations & Maintenance rating system. This course does not address LEED for Homes or LEED for Neighborhood Development. A more complete description of the training is available on the USGBC web site at <http://www.usgbc.org>.

(4) LEED Green Associate and Professional Accreditation Exams -- The LEED Green Associate and Professional exams are administered exclusively for the USGBC by Thompson Prometric at sites across the United States. Exam candidates must first visit the USGBC web site to create an accreditation profile and receive an eligibility ID, then proceed to the

ECB No. 2013-32

Subject: Sustainability/Energy/Leadership in Energy and Environmental Design Point of Contact for Each District and Center

Prometric web site to select a test site and schedule an exam session. Complete information on exam content; registration and helpful study tips is available on the USGBC web site at <http://www.usgbc.org>. For information on Test Site Locations, as well as to schedule an exam, visit the Prometric website at <https://www.prometric.com/en-us/clients/gbci/Pages/landing.aspx>.

2. POC for this ECB at HQ USACE is Ms. Paula J. Loomis (202-761-7526), paula.j.loomis@usace.army.mil).

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