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## LEED BD+C: New Construction | v3 - LEED 2009

# Ergonomics approach for computer users

## EQpc44 | Possible 1 point

1 result in All .

### Intent

To improve occupant well-being (human health, sustainability and performance) through integration of ergonomics principles, specifically in the design of work spaces for all computer users\*.

*\*Computer users are defined here as full time equivalent staff that utilize a computer for more than 50% of their workday. Occupants that are not computer users are encouraged to be included in the ergonomics strategy but not required.*

### Requirements

1. During the conceptual or schematic design phases:
  - o Engage an Ergonomist or Health and Safety Specialist to assist in the development of the ergonomics strategy
  - o Make a commitment to integrate ergonomics principles into the overall design
2. The Ergonomist or Health and Safety Specialist, in conjunction with the client, must develop a description of the ergonomics strategy that will be implemented and include the following:
  - o Statement identifying the goals of the ergonomics strategy
  - o Description of occupant needs, including occupant characteristics and/or demographics, tasks, and machines, equipment, tools and work aids (METWA's) used to perform these tasks.
  - o Process for selecting workstation layouts and furnishings based on relevant standards or guidelines. For computer workstations, refer to one or more of the following (or the most up-to-date versions of the following) :
    - BIFMA G1-2013
    - ANSI/HFES 100-2007
    - CSA Z412-00 (R2011)
    - ISO 9241-5:1998
  - o Education program for move-in and during ongoing operations
  - o Process for evaluating and maintaining occupant well-being upon move-in and during ongoing operations to ensure the ergonomics strategy goals are being met. Select appropriate metrics and/or measurements for this evaluation, the evaluation frequency, and how soon after implementation the process will begin.

### General Pilot Documentation Requirements

#### [Register for the pilot credit](#)

- Participate in the [LEEDuser pilot credit forum](#)
- Complete the feedback survey:

[Credits 1-14](#)

[Credits 15-27](#)

[Credits 28-42](#)

[Credits 43-56](#)

[Credits 57-67](#)

[Credits 68-82](#)

[Credits 83-103](#)

#### Credit specific:

1. Confirmation that an Ergonomist or Health and Safety Specialist was utilized for the project.
2. Written commitment from the owner or owner's representative that the ergonomics strategy will be implemented
3. Detailed description of the ergonomics strategy, including the following:
  - o goals of the ergonomics strategy
  - o process to define occupant needs
  - o standard/guideline(s) that will be used to inform design options/selections
  - o design layouts, options, and cut sheets for the product selections
  - o education program
  - o ergonomics process that will be used for maintaining occupant well-being

#### Summary of Changes

- 1/27/2016:

Revised pilot credit name and refined scope to primarily address computer users

Added requirement to consider ergonomics early in the design process, and engage an ergonomist or health and safety specialist.

Updated ergonomics standards and guidelines

Education program must address ongoing operations in addition to upon move-in.

Ergonomics strategy must include ergonomics process that will be used for maintaining occupant well-being

Updated credit-specific submittals

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