



AIA Continuing Education System
GBCI Credential Maintenance Program
TOTO USA Registered Provider Program Summary Handout

Provider: **TOTO USA**

AIA Course Number: **ITO22E**

GBCI Course ID: **0920001629**

Length: **4 Hour**

Credits: **4 AIA HSW CE Hour &**

4 GBCI CE Hour for LEED Professionals

Course Title: **A Tale of Two Factories**

Description

Observe production of ceramic plumbing fixtures from processing of raw materials, all the way to final packaging of the completed product as you tour two production facilities. During the first half of the tour, the learner will watch processing of raw materials, forming of the pre-fired plumbing fixtures using a plaster casting process, heat tempering in the kiln, fitting of hardware, quality control inspection, and packaging for distribution. During part 2, the learner will follow the production process from processing of raw materials, laboratory testing of slurry, forming of pre-fired plumbing fixtures using a pressure casting process, heat tempering in the kiln, fitting of hardware, quality control inspection, and packaging for distribution. Upon completion, the learner will be able to articulate the primary benefits and drawbacks of the two different casting processes, including how the processes involved contribute to lower life-cycle impacts.

Learning Objectives

Upon completion of this course, the design professional will be able to:

1. Distinguish between pressure casting and plaster casting of ceramic plumbing fixtures.
2. List strategies used by the manufacturer to reduce environmental impacts from production.
3. Articulate the benefits of specifying plumbing fixtures with reduced life-cycle impacts.
4. Describe the phases of production for ceramic plumbing fixtures.
5. Identify strategies used to eliminate production waste.

Method of Delivery

The course is offered to design professionals in a live setting.

For more information please contact

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