



Workshop: *Fostering a circular economy of discarded manufacturing materials*

Dates: April 20-21, 2022; 11am-4:30pm EST

Location: Virtual

Just prior to ASTM Committee Week

**REGISTRATION
OPENS SOON**

ASTM INTERNATIONAL

Objectives:

One goal for more sustainable manufacturing is zero-waste operations, where all manufacturing by-products can find a new use in the broader economy. Achieving this goal will require standards on an array of topics, such as:

- manufacturing process improvement to minimize and track waste production
- discarded materials to stimulate a marketplace for material reuse including recycling programs

Hosted by ASTM E60 on Sustainability with support of ASTM E60.13

The standards within ASTM E60.13 can be extended to create a standards framework supporting circularity in material reuse. In the circular economy, “manufacturing waste streams” or “discarded materials” can be turned into “waste profit” that is offered for use in the broader economy. Manufacturers need guidance on how to inventory and audit their streams of discarded materials, and discarded materials need to include appropriate descriptive information on their content, origin, and flow to reliably enter a marketplace.

Scope:

- Reusable industrial discards including manufacturing by-product and packaging materials
- 2-day event before Committee Week
- Publication of resulting roadmap

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