



# Metal Roofing Systems Health, Safety, Welfare (HSW) Educational Program

Achieving optimum performance of any building or roof depends upon three key elements: the building or roof design, quality products and a quality installation.

This program has been designed to provide an architect or design professional a basic understanding of metal roof construction.

## Topics Covered

- Owner Preferences for Roofing Systems
- Manufacturing Alternatives
- Contractor Certification
- Typical Applications for Metal Roofing
- Paint Coatings
- Urban Heat Islands
- Cool Roofing Systems
- Typical Metal Roof Panels
- Raise the Roof with Roof Retrofit
- Metal Roof Design Possibilities
- Metal Roofing and LEED®
- Warranties



## Learning Objectives

1. Understand the Basics of Metal Roofing Systems
2. Reduce Heat Islands through the use of Cool Coatings
  - ENVIRONMENTAL - Energy Efficiency, Sustainability
3. Understand Environmental and Sustainability impact of Steel Recycling
  - ENVIRONMENTAL - Sustainability
4. Understand the Positive Impact of Safety in Manufacturing
  - MATERIALS and METHODS - Products, Safety
5. Understand Cool Coatings for Energy Efficiency & Sustainability
  - ENVIRONMENTAL - Sustainability, Energy Efficiency
6. Know how to get LEED® Credits for Energy Efficiency and Sustainability with Metal Roofing
  - ENVIRONMENTAL - Sustainability, Energy Efficiency



**Architectural Metal Systems (AMS)** is a Registered Provider with The American Institute of Architects Continuing Education Systems (AIA/CES). Credit(s) earned on completion of this program will be reported to AIA/CES for AIA members. Certificates of Completion for both AIA members and non-AIA members are available upon request. This program is registered with AIA/CES for continuing professional education. 1.0 LU/HSW will be earned for this course.

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