

The UA Sustainable Technologies Demonstration Training Trailer

The United Association of Plumbers, Fitters, Welders and Service Technicians' new Sustainable Technologies Demonstration Training Trailer is one of the newest in the UA's fleet of training trailers. This Sustainable Technologies Trailer is designed to highlight the "Green Systems and Green Skills" that are a part of the UA's journeyworker and apprentice training.

Contained in this trailer are Green or Sustainable Systems that could be included in a USGBC LEED Green Building Certification System Platinum Rated Building. This trailer also displays the Green Skills that are needed by crafts persons working on such a building. Green HVACR, plumbing, fire prevention, and energy systems are installed and are fully functional in order to demonstrate their proper installation, operation and why they are "green". The trailer is fully interactive allowing the visitor to work the systems and at computer kiosks within the trailer, view other information on the technologies or products demonstrated within the trailer.

Sustainable technologies that are demonstrated within the trailer are:

- Solar energy production and storage
- Solar water and space heating
- Radiant floor heating system
- Geo-thermal heat pump system
- Heat pump water pre - heat system
- Energy efficient ventilation system
- In-floor cooling system
- Computerized building automatic control system
- High efficiency / low flow plumbing fixtures
- Rainwater catchment system
- Fire Prevention "HI-FOG®" system



**UNION PLUMBERS,
FITTERS, WELDERS AND
SERVICE TECHNICIANS**