



SMCA and Local 19 Together Provide Clean Air Solutions

The Sheet Metal Contractors Association and Local 19, a local affiliate of the Sheet Metal Workers' International Association, have joined forces on an industry initiative to educate the construction, business, school and government sectors on the importance of improving indoor air quality while striving to reduce wasteful energy in heating, ventilation and air conditioning (HVAC) systems.

The goals of the joint initiative are to help stimulate the Philadelphia and Delaware Valley construction industry and create more green jobs, as well as help improve the quality of life in the region.

SMCA and Local 19 Bring HVAC Expertise

With expertise in sheet metal work, contractors, craftspeople and technicians are highly trained and certified, and adhere to the voluntary technical standards and manuals developed by the Sheet Metal and Air Conditioning Contractors' National Association (SMACNA), which have found acceptance among construction communities across the globe. The American National Standards Institute (ANSI) has accredited SMACNA as a standards-setting organization. SMACNA also writes and publishes the Duct Construction Standards, which are accepted by the American Society of Heating, Refrigerating and Air-Conditioning Engineers and the Building Code.



SMCA Contractor looking at blue prints

Why is it important to update HVAC systems?

- According to the U.S. Department of Energy, heating, ventilation and air conditioning systems (HVAC) consume between 40 and 60% of energy in commercial and residential buildings.
- Research indicates that Americans spend 90% of their time indoors.
- Indoor pollutants like bacteria, fungus, gases and mold can flow through old ventilation systems, reducing the quality of air that we breathe.
- Polluted indoor air can result in chronic diseases, including lung cancer and mesothelioma.

Creating and maintaining HVAC systems have comprised a large amount of SMCA and Local 19's work for many years. Local 19 workers continue to upgrade their skills on the latest technological advancements, providing SMCA contractors with a skilled workforce.

The results of their work in homes, schools, libraries and other public buildings are:

- Improving the systems' life cycles
- Providing high performance using green and LEED technology
- And, most importantly, improving indoor air quality
- Bringing cutting edge solutions in order to reduce energy use and making Philadelphia the greenest city in the nation by 2015

How to Contact Us

For a **full listing of member contractors, technical information regarding SMACNA standards** or **information about our local industry**, please contact William Reardon at (610) 828-4055 or by e-mail at wreardon@smca.org.

For information about the **union or community outreach**, please contact Joseph Sellers, Jr. at (215) 952-1999 or by e-mail at jsellers@LU19.com

To learn about our green HVAC work, visit www.greenHVACsolutions.org.