

Henkel Consumer Adhesives

Case Study: **Henkel Consumer Adhesives** Market: **Industrial** Location: **Mentor, OH**

“Throughout the installation process, the entire Comfort Systems team has been a pleasure to work with. Their engineering group was involved at every step of the process. The installation team was very professional, making certain to follow all of our safety rules and coordinate their installation calendar around our production schedule.”

- Scott Schwickerath, PE - Project Engineer Henkel Corporation, Mentor, OH



Henkel needed new make-up air units to alleviate negative air pressure conditions. In addition, air flow had to improve to ensure associates were provided adequate indoor air quality. A new efficient water cooling system was also required. These requirements complied with Henkel's global "Vision and Values" movement toward sustainability and efficiency.

A Closer Look...

Henkel Consumer Adhesives needed new air and water systems to achieve cost savings and improve the working conditions at their production and mixing facility in Mentor, OH. They chose Comfort Systems USA – Ohio to make these improvements. The CSUSA team:

- Performed a full building systems audit to identify upgrade recommendations
- Saved Henkel more than \$55,000 in energy costs
- Helped Henkel avoid more than \$20,000 in annual water and sewer fees

Solutions

Henkel was experiencing high energy, water and sewer costs at their production and mixing facility. The adhesives production area was exhausting excessive amounts of ventilation air, causing negative air pressure in the facility. Henkel turned to Comfort Systems USA – Ohio for help.

The Comfort Systems USA Ohio team performed a full facility system audit in order to identify the best HVAC system upgrades. CSUSA Ohio identified significant exhaust air reductions and reduced their proposed makeup air systems size by at least one-third, saving both capital costs and annual energy costs. CSUSA Ohio also proposed a new automated building control system capable of alarming whenever critical systems fail, automating preventative maintenance schedules and tracking energy consumption.

The end result of mechanical and ventilation modifications delivered more than \$55,000 annually in energy savings. A hydraulic pump cooling system was also installed that avoided more than \$20,000 in annual city water and sewer fees.

Contact us to determine how we can service your business.

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