



Critical Environmental Solutions is a Commercial Partner for Aroseal technology // SDVOSB

**Past Performance:**

- Fort Drum (New York) Army Base Housing Development : 3,600 homes sealed
  - Achieved Energy Star // reduced gas use by 47% // ROI 34 months
- Pfizer (manufacturing facility, Puerto Rico)
  - No demolition or disruption // exceeded compliance //ROI 11 months
- Los Angeles Unified School District (California): Meet compliance / ventilation
  - Improved indoor air quality (infection control) // ROI (14 months)

**Key Awards: For Innovation**

- Environmental Leader Magazine Product of the Year (2018)
- Green Builder Product Innovation of the Year (2019)
- ACHR Dealer Design Awards (2) Efficiency and Ventilation (2016)

**Differentiators:**

- Faster / safer / easier / costs less than current methods
- Computerized, certified M&V
- Patented / guaranteed
- SDVOSB
- Central location / easy access to many federal installations

**Critical Environmental Solutions (CES) CVE SDVOSB**

Delaware S-corporation (2012)

CES delivers emergent technology to solve common energy, air and water challenges in the built environment. Federal policy driven product selection, environmentally friendly and practical applications.

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Duct Sealing

Computerized duct sealing

**Core Competencies**

**Duct Sealing**

- Improve ventilation
- Improve exhaust
- Improve filtration
- Improve indoor air quality
- Reduce energy use
- Achieve compliance
- Certified seal rate

**Additional Benefits**

- Immediate results
- Fast, guaranteed
- Reduced maintenance
- Reduced noise
- Reduce Greenhouse Gases

**DUNS #      CAGE Code:**  
**078541696    68VX5**

**NIACS Codes:**  
**238220, 561790, 561720, 562910**

**Key Associations**



**Testimonials**

*"I was getting quotes for an overhaul of the HVAC system that ran \$1 million to \$2 million dollars – it would have taken decades to pay back. We opted instead to seal the ductwork with Aroseal. That dramatically improved the efficiency of the current system, allowed us to reduce energy use related to heating and the use of exhaust fans and it solved a lot of issues related to poor ventilation. We expect pay back on the duct sealing to take less than two years.*

**Jason Delambre**

Energy Consultant (Capital Plaza Hotel and Convention Center, Frankfort, Kentucky)  
Interdependent Energies, LLC.

*The reason we went with Aroseal is that it is so much easier to apply in an existing building. Unlike traditional manual sealing, we did not have to remove the ceiling tiles, unwrap and rewrap insulation or deal with other obstacles. It was all done quickly and without interruption to the rest of the building.*

**Dan Henderson**

Project Engineer  
H2Engineering Inc.