



Air Purification  
Infection Control  
Dielectric barrier discharge  
bi-polar ionization

### Core Competencies

Air and Surface  
Infection Control  
Indoor Air Quality

- Continuous disinfection
  - Air and Surface
- Assure Indoor Air Quality
  - Monitoring
- Energy Savings

### Additional Benefits

- Immediate results
- Increase occupant safety
- Increase attendance / productivity / confidence

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

### Past Performance:

1. US Department of Defense
  - Improved indoor air quality (infection control)
    - \$56,996 annual energy savings
    - Safety, health and wellness improvement
2. University of Southern California (USC): Reduced risk / improved air quality
  - VOC reduction 90% / PM2.5 reduction 50% / PM10 reduction 95%
3. University of Virginia: Leake Building
  - Immediately noticeable improvement in air quality
  - 50% reduction in outside air

### Key Awards: For Innovation

- AHR Innovation Award (2020) IoT Air monitoring and air purification

### Lab Tested:

- Microchem Laboratory (TX), *Coronaviruses* (COVID-19) reduced 99.92% in < 30 minutes. Continuous disinfection of occupied spaces.

### Differentiators:

- Air and surface infection control / occupied spaces
- Consistent and durable
- Guaranteed energy savings
- Lab tested / long term results / past performance
- SDVOSB
- Central location / easy access to many US facilities
- High performance safety, health and wellness technology

DUNS #            CAGE Code:  
078541696      68VX5

NIACS Codes:  
333413, 534512, 334512,  
561791, 561720,

### Key Associations



### Critical Environmental Solutions (CES) 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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### Testimonials

*"We have tested multiple technologies. One thing we quickly noticed is that the AtmosAir systems are reliable and AtmosAir works. We have had good success with the product and have installed them in a number of buildings"*

Dennis Bonair, Chief Engineer, Fort Benning

*"I have been working with AtmosAir for years in the US, where we have installed the system successfully on several projects. AtmosAir delivers indoor air quality without emitting ozone. The system reduces viruses, VOC's, PM, bacteria, allergens and the negative impact on health and wellness of the occupants is quantifiable. We have tested AtmosAir in over 300 different spaces for results" (1.5M square feet)*

Dana Schnieder, Portfolio Manager, JLL/ESRT  
Empire State Realty Trust

