



ESSER Grant Programs

Elementary & Secondary School Emergency Relief Fund

HOW TO BUILD YOUR PLAN

ASSESS

The Hunton IAQ Assessment is a science-based, fact-driven analysis of your school's indoor air quality. Effective IAQ solutions are not one-size-fits-all. Hunton will visit and survey your school to provide recommendations and budgets specific to its unique system and use.

MITIGATE

Based on the findings of the assessment and your objectives, we will rate and strategize solutions, address your unique challenges, and guide you to the improvements that can deliver the best returns for your building and value for the people in them.

SUSTAIN

Through remote integrated building automation and analytics, fault detection and diagnostics, [BrainBox Artificial Intelligence \(AI\)](#), [Texas A&M Continuous Commissioning](#), and a range of services, we help you gain visibility and sustain critical elements that can positively impact occupants comfort and well-being.



What are ESSER Funds?

The U.S. Congress has provided financial support for districts and schools through the Elementary and Secondary School Emergency Relief (ESSER) Fund to address the ongoing impact of the COVID-19 pandemic. Texas received \$1.3 billion in ESSER funding, an additional \$5.5 billion in ESSER II funding, and \$12.4 billion in American Rescue Plan (ARP) funds - also referred to as ESSER III.

How Hunton Can Help

At Hunton, we can help school leaders create a plan to submit to [Texas Education Agency \(TEA\)](#) to utilize these funds to make facility improvements, safeguard the learning environment, and keep schools open and safe.

Your ESSER plan should contain three basic steps as it pertains to improving your facilities. First, develop a detailed assessment of your facility's current state. Second, execute applicable mitigation strategies and technologies to improve your facilities as determined by the assessment. Finally, your plan should manage and sustain the improvements over the lifetime of the building.

Not only can Hunton help build your plan and application for funding allocation, we have the technical expertise and resources to fulfill each aspect of that plan.

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(713) 266-3900



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DILUTE

Increase your building's outside air ventilation, if possible, to dilute the indoor air.

EXHAUST

Confirm that the exhaust system is functional and is maintaining positive building pressure to prevent moisture and contaminant infiltration.

CONTAIN

Maintain proper space temperature and relative humidity control to minimize the spread of airborne pathogens.

CLEAN

Improve mechanical filtration by increasing current filter MERV ratings or deploying permanent or portable air cleaning technologies.

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Our assessment is a science-based, fact-driven analysis of your school's indoor air quality. Effective IAQ solutions are not one-size-fits-all. Hunton can visit and survey your school to provide recommendations specific to your unique system and usage. All recommendations for improvement must begin with a scientific, baseline assessment of current-state indoor air quality.

MITIGATE

Mechanical Filtration: a non-additive strategy to improve mechanical filtration to MERV 13 or better; and/or deploy the use of a portable HEPA filter units to trap particles and airborne pathogens to more effectively treat potentially higher exposure zones.

Ultraviolet Germicidal Irradiation (UV): uses short wavelength ultraviolet light to inactivate static microorganisms so they cannot reproduce.

Synexis Dry Hydrogen Peroxide (DHP): an additive technology that reduces microbial threats by oxidizing their cell membranes and disrupting the chemical structures. It is produced from the humidity and oxygen already in the air and well within acceptable safety thresholds for continuous use in occupied spaces.

GenesisAir Catalytic Air Cleaning System: non-additive Photocatalytic Oxidation, PCO. This system uses three technologies working together; MERV 13 filters capture larger particles, PCO eliminates bioaerosols, and UV light energizes the PCO catalyst and destroys static microorganisms.

Bipolar Ionization (BPI): additive technology creates charged ions. Oppositely charged particles stick together to form larger particles that are easier to capture in filters.

Integrated Viral Protection System (IVP): uses tried and true HEPA filter technology with intermittently pulsed heat to kill trapped pathogens. It is available in both portable and retrofit applications.

SUSTAIN

The key to sustained success is continuous monitoring and management of air quality from [Hunton IES](#). We offer the above solutions as well as focused, real-time monitoring and dashboards from [Awaair](#) or [Aircuity](#) to help elevate the community's confidence in your building's IAQ and show that tax dollars were spent wisely. This ongoing service relationship continuously connects you with professionals who understand the complexities HVAC systems and IAQ.

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