



Every day, Clark Seif Clark professionals are deployed across the nation helping both large and small customers resolve health & safety, industrial hygiene, environmental and indoor air quality issues.

At a moment's notice, Clark Seif Clark can send their experts anywhere they are needed. No matter if it's in response to a hurricane, wildfire, flood, tornado, or other natural disaster, Clark Seif Clark is ready to help and can respond in no time at all.

Identifying Indoor Pollutants to Help those Suffering from COPD

Chronic Obstructive Pulmonary Disease (COPD) is the third leading cause of death in the United States according to the National Heart, Lung and Blood Institute. The agency reports that it claims more than 120,000 American lives each year and that more than 12 million people have been diagnosed with the condition. Another 12 million likely have COPD, but have not officially been diagnosed.

COPD refers to a group of diseases that cause airflow blockage and breathing-related problems. It includes emphysema, chronic bronchitis, and in some cases asthma. The Centers for Disease Control and Prevention (CDC) reports, "In the United States, tobacco smoke is a key factor in the development and progression of COPD, although exposure to air pollutants in the home and workplace, genetic factors, and respiratory infections also play a role."

For those who do suffer from COPD, avoiding air pollutants in their home and work environment is a critical component to managing the condition. "Most people recognize that avoiding tobacco smoke is important for preventing COPD or worsening the condition for those who already have it," said Franco Seif, President of Clark Seif Clark. "In addition to tobacco smoke, there are numerous other

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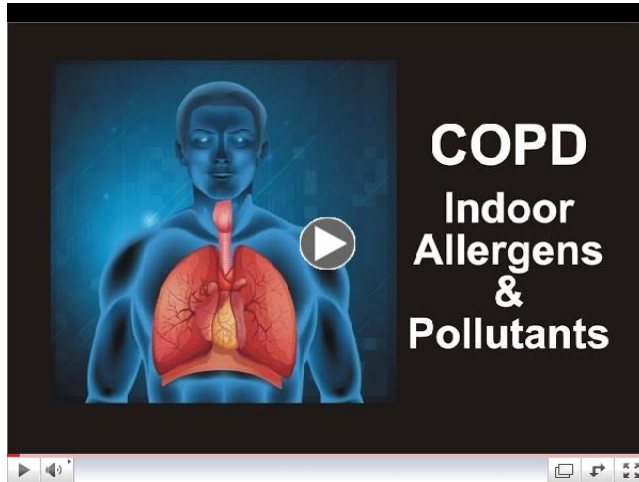
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allergens and irritants people with COPD should avoid. These include everything from mold, bacteria, pollen, pet dander and dust mites to volatile organic compounds and particulate matter. At CSC, we offer air testing services that can identify a wide range of indoor environmental pollutants that can aggravate COPD and other respiratory ailments. If air testing identifies an issue, our building science experts can help come up with solutions to minimize exposure so that those with respiratory problems can breathe easier."

CSC has sponsored an educational video about COPD, indoor allergens and other common air pollutants that can be seen here:



COPD - Indoor Allergens & Pollutants

To learn more about this or other indoor air quality, environmental, health and safety testing services, please visit www.csceng.com, email csc@csceng.com or call (800) 807-1118.

Structure Fires Can Damage More than Just the Property Touched by Flames

Fire departments across the United States respond to over 1 million fires of all types according to the U.S. Fire Administration. Many of these fires take place in people's homes and businesses and in addition to causing injuries and deaths in some circumstances, also result in billions of dollars in property damage.

While some fires cause the complete destruction of a building, many times the efforts of fire fighters and fire suppression systems localize the damage to just a part of the structure. Depending on the size of the fire, type of building it takes place in and proximity to other homes or buildings, it is possible for there to be additional property damage not caused by flames that may not always be immediately evident. This damage could be in other parts of the

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Is It Safe?

same building, such as in adjacent units in an apartment or office complex, or even in nearby buildings not directly touched by flames.

Two common causes of property damage include smoke and water damage. Smoke is filled with combustion by-products that include soot, ash and char that can easily infiltrate adjoining properties and nearby buildings. It can have damaging effects to both properties and to humans breathing the polluted air. In addition to leaving behind unpleasant odors, smoke residues can cause corrosion, etching and discoloration within a property.

Fire sprinkler systems and the efforts of fire fighters can release a tremendous amount of water into and onto a building fire. Water used to put out a fire in a third floor apartment will make its way down to the lowest level it can reach resulting in water damage on multiple floors. This may leave obvious signs of damage, such as water logged floors, but even water and moisture trapped behind walls and ceilings can cause property damage and quickly lead to the growth of mold.

Even rebuilding efforts after a fire can create situations that could expose building occupants and workers to potential hazards in some older buildings when lead-based paints or asbestos containing materials are present.

CSC's indoor environmental quality professionals offer testing and consulting services to identify smoke and water damage and potential hazards following a building fire. These services can not only protect workers and building occupants, but are also instrumental for ensuring that insurance claims take into effect everything that needs to be done to correctly and safely return a home or building to its previous condition.

CSC recently sponsored a video about fire, smoke and water damage that can be seen here:



Fire, Smoke & Water Damage in Your Property

To learn more about this or other indoor air quality and environmental, health and safety services, please visit www.csceng.com , email csc@csceng.com or call (800) 807-1118.

About Clark Seif Clark: CSC was established in 1989 to help clients in both the public and private sectors address environmental issues. CSC is a leading provider of these services with multiple offices along the western seaboard and southwest. The company believes in science-based protocols and has a strong background in engineering making them the preferred environmental consultants to healthcare facilities, architects, schools, builders, contractors, developers and real estate professionals.