# Response, Reliability and Results for the Education Industry

POLYGON

**Polygon is a customer centric organization dedicated to delivering proven and results-oriented solutions to the damaging presence of humidity and the mitigation and restoration of the effects of fire and water.**

Qualified and compliant in meeting the exacting standards of citizens and organizations, we apply best practice to every element of our service offering to ensure a robust and repeatable response.

Our commitment to the education industry is absolute. In the following pages you will discover a number of innovations designed with you in mind - innovations that we believe, coupled with our core service offering in property damage restoration and temporary humidity control, will best serve you.

Our industry leading expertise, intellectual property and fit-for-purpose fleet of equipment, coupled with over 70 years of real world experience has helped some of the world's highest profile organizations effectively manage humidity and climate control problems. Our temporary humidity control solutions deliver cost effective, timely and controlled environments, whatever your application to ensure business continuity, manage risk and create the right atmosphere.

Having successfully responded to thousands of property incidents over the past 25 years, Polygon, a pioneer in temporary moisture management and property damage restoration, uniquely provides the skills, capacity and experience to quickly and cost effectively respond to any incident - small or large.

Our Code Blue® service offers a unique approach, helping to maximize the benefits of business continuity and disaster recovery plans. The program delivers a faster response to a property damage incident and stabilizes business critical operations by identifying areas of importance throughout a building's infrastructure.

### Project types

- **Facility construction**
- **Indoor air quality improvement**
- **Fire and water damage restoration**
- **Mold remediation**
- **Document drying and restoration**

## Educational facility construction

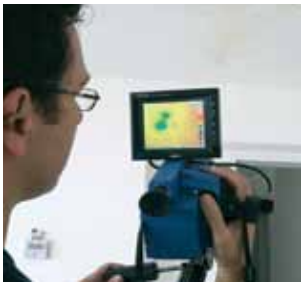
We recognize that problems and delays in completing school and college building projects cannot be tolerated. That's why our climate control services are designed to reduce risk by effectively mitigating against moisture related construction problems. In addition, we deliver improved conditions for the application of construction materials to better ensure a higher quality end result, on time and on budget.

## Environmental building initiatives

Green initiatives are a growing trend, especially in the design and construction of educational facilities. Our patented climate control equipment controls temperature and humidity, and improves air quality throughout an interior construction. In doing so, it provides a more comfortable work environment, abates mold growth and provides clean, healthy air for workers. We can also help you to gain important environmental accreditation; for example in the U.S, buildings seeking LEED certification can qualify for environmental credits by using our equipment.

A member of the U.S. Green Building Council since 2002, Polygon has joined with leaders from every sector of the construction industry to promote buildings that are environmentally responsible, profitable and healthy places to live, work and study. Our equipment rental and HVAC consulting services give contractors the advantage of a controlled indoor environment until the permanent HVAC system is cleared for operation.

## Identifying and “curing” sick buildings



Polygon provides analysis and remediation for a variety of building health problems including allergens, indoor air quality, occupational hygiene, airborne pollution, environmental monitoring, mold, bacteria, and damp problems. Our qualified staff have been involved with the monitoring and curing of a large number of historic and modern buildings to provide better environmental control and sustainable solutions.

## Summer break layups

Moisture control during the summer break, even if the building is not occupied, is essential to prevent mold growth and other indoor air quality issues. Polygon works with schools and colleges to take their large HVAC systems off-line during the summer break and protect the building with temporary humidity control services to control moisture and prevent mold and mildew. This solution consumes considerably less energy than maintaining the main HVAC system and provides considerable cost savings.

## Water damage restoration

Whether it is a minor leak or a major flood that has caused the damage, our highly skilled technicians minimize the impact of the incident, reduce secondary damage, manage costs and provide reassurance throughout the project.

Initial tests are performed to establish the length of time the property has been exposed to water, the amount of moisture that has been absorbed and how deeply the water has penetrated. Regular checks are made to ensure properties are returned to their pre-loss condition.

## Fire damage restoration

Our highly trained technicians quickly assess the damage to provide a clear definition on what can be remediated and ensure the correct, most cost effective course of action to efficiently restore and negate the risk of future damage.

The teams then employ a range of leading edge techniques to restore both the property and its contents.

## Mold remediation

After a facility has been exposed to damage, it is often subject to higher levels of humidity, providing ideal conditions for mold to grow quickly. We employ a number of techniques to mitigate against bad odor and remove bacteria, fungi, yeast, mold and mildew. These methods range from wet fogging to thermal dry fogging and ozone treatment to prevent repeat costs of restoration and potentially prevent health related claims.

## Document drying and restoration

Despite the universal adoption of electronic documentation, businesses continue to rely heavily on paper documents. The loss of confidential files such as medical and legal documents could have serious commercial implications. Using specialized drying and deodorization techniques, our technicians can swiftly restore damaged documents. Critical materials such as x-rays or microfilm can be cleaned on site or inventoried and removed to a high-security facility.

# Case study: Round Rock school built in safe environment and delivered on time

**When American Constructors began a 106,000 sq. ft. elementary school for Round Rock School District, near Austin, TX, there was a general concern about the development of mold and mildew during the project.**

Based on years of experience, the company set goals to maintain targeted temperature and humidity levels during construction without using the newly installed HVAC system.

With outside air temperatures about 30°F during winter, the climate controlled space inside was to be kept near 60°F and relative humidity was to average below 30% RH.

Indirect-fired heaters combined with dehumidifiers were used to keep working conditions comfortable while eliminating moisture inside the construction project. As a result, the construction materials such as joint compound, concrete, and substrates dried quickly allowing work to progress at a rapid pace.

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