

# Fire Restoration in Composite Material Lamination Factory

*Sponge-Jet service provider uses gentle Green Sponge Media™ to clean soot and aged contaminants from concrete and sheetrock walls, steel ceilings and trusses*



A production line fire at a Southeastern (US) Composite lamination factory left facility management and insurance adjusters with 32,000 ft<sup>2</sup> (2,973 m<sup>2</sup>) of black soot and odor to remove. The soot had to be removed from metal pan ceilings and trusses, concrete block and unpainted sheetrock walls - then from concrete flooring. Adjusters solicited bids to complete the project. A local area restoration contractor was awarded the job.

Contrary to conventional, manual hand-wiping methods, gentle Green Sponge Media™ abrasive with the Sponge Blasting System™ were used for the following reasons:

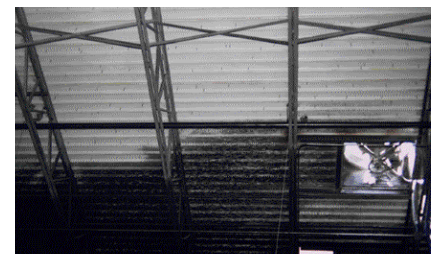
- **Cleaning Speed** - The cleaning technology had to be fast

because there were a limited number of hours each evening that restoration operations could be conducted. Hand-wiping with chemical wipes were ruled out due to the size of the facility.

- **Dry Process** - Sensitive equipment, live electrical conduit, and bare sheetrock walls existed, which made the use of any high-pressure water technologies too risky.

- **Simplicity** - Set-up and clean-up had to be quick and easy because factory workers would return each morning to work.

- **Sensitive and Controllable** - A comprehensive sprinkler system was mounted to ceiling trusses, therefore the process would have to be sensitive, and highly controllable near system valves and fittings.



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**www.SpongeJet.com**  
 or call **603-610-7950**  
 to learn more about the  
 Sponge Blasting System

Sponge Blasting 5ft<sup>2</sup>/minute(28m<sup>2</sup>/hr), the project was completed in 80 working hours. Media costs were reduced by recycling Sponge Media abrasive 12 times. The contractor recorded 40% more profits than would have been realized by manual hand-wiping. Facility managers and area adjusters were thrilled with the facility cleanliness and air quality - even without use of an ozone machine.