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INLET AIR GRILL ENCASEMENT CORPORATE HEADQUARTERS BUILDING

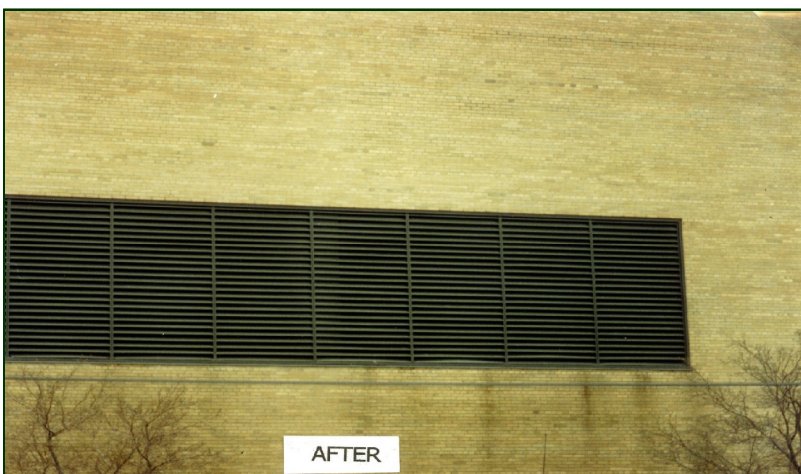
St. Paul, MN 99-1



Challenge: Both sides of an air inlet grill (1,200 square feet of surface area) were covered with aging Lead-Based Paint (LBP) in damaged condition that was damaged. Also, visible evidence of mold and mildew and metal corrosion existed in a few spots. For air quality and visual appearance reasons, the owner of this major Midwest headquarters site wanted a quick and affordable solution.



History: Earlier they removed and replaced a grill of this size with a new one. The total cost of this earlier grill replacement was approximately \$35,000. This included the cost of removing and disposing of the old grill, plus the cost of the new grill and its installation. A quote in the amount of \$12,000 to \$15,000 was obtained covering the removal of the grill, removal of the LBP off-site blasting, re-coating and replacement of the grill. The current physical condition of the old grill and the estimated time to complete either of these options (air system downtime) was not compatible with their facility needs.



Solution: The solution chosen was over-coating the damaged paint with a SAFE Encasement System designed to fit this need. Because of the ability of SAFE Encasement's products to be applied over damaged paint with little or no surface preparation, only a quick wiping of the surfaces with a damp cloth was needed. Only the damaged paint loose enough to be knocked off by this approach was removed. HEPA vacuuming was used to collect any debris loosened during this wiping step.

Then an 18-20 wet mil thickness of SAFE Encasement's SE-110-CI Penetrating-Stabilizer was spray applied to both sides of the grill. Four hours later the entire grill was over-coated with 20-24 wet mils of SE-310 satin-finish topcoat (tinted to match the color scheme used throughout their site) was spray applied onto both sides of the grill. The entire job took place over one weekend, allowing for the air system to be shut down without any impact on the inhabitants of this building. The best news is this entire project was completed for about \$7,500 total labor, materials, scaffolding, etc., a savings of 50% to 80% vs. other options.