

Refurbish and Reinsulate Basement Air Handling Unit

Situation

The air handling unit for the executive office building was slowly failing. The unit was rusting and collecting contaminants, while saturated insulation fell away from walls and other surfaces.

An HVAC Armor ESCO client won a site contract which included refurbishing the AHU.

Project Scope

Our HVAC Armor team cleaned both interior and exterior, removing all insulation in the process.

We repaired damaged areas and replaced the fan belt, then ground the walls and bottoms of the AHU to remove corrosion. That was followed by coating interior and exterior surfaces, with a special coating for the evaporator coil.

Finally, our team installed new insulation so the AHU was ready to be put back into service.

Oshkosh Corp.

Industry:

Manufacturing

Location:

Oshkosh, WI

Project Goals:

Clean, coat, & insulate

Project Benefit:

Avoided replacing basement AHU

“HVAC Armor was able to Rehab the unit avoiding the extra cost of a piece-by-piece new AHU install.”

Tom Mulroy
Johnson Controls, Inc.

Before



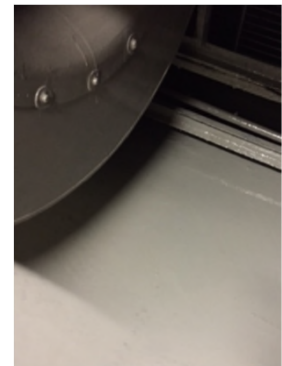
After



Before



After



HVAC Armor offers state-of-the-art corrosion protection coatings and solutions that save energy, enhance performance, and rejuvenate HVAC equipment. HVAC Armor is part of ECM Holding Group, a collection of conservation technology firms serving North America's leading ESCOs and corporate clients. For more information, please visit www.hvacarmor.com, or call 920.267.6120.