

**ANOTHER PROJECT
DONE BEST
WITH THE SPONGE-JET®**



Removal of failing alkyd enamel paint in a robotics manufacturing plant

Problem: Approximately 2300m² (25,000 ft²) of a failing alkyd enamel coating, 250 to 300 microns (10-12 mils) thick, needed removal from metal

- Goals:**
- Cost competitive
 - Dry process
 - Low dust process
 - Minimal collateral damage
 - Reduced containment costs

decking, ceiling, and support structures in a Detroit robotics manufacturing plant. The presence of sensitive robotic machinery, electronic circuits and electrical conduit required a dry, low dust, low rebound surface preparation technology. The contractor, a surface preparation and painting company specializing in automotive manufacturing facilities, was hired to remove the peeling alkyd coating without risking damage to the robotic machinery.

- Alternatives considered:**
- Hand tooling
 - High pressure water
 - CO₂ pellet blasting

Solution: Using **Sponge-Jet's Sponge Blasting System™**, the contractor was able to blast close to robotic manufacturing equipment. The low dust process efficiently removed the enamel coating without high cost containment structures. The contractor enjoyed 100% satisfaction from the facility supervisor, and looked forward to a continuing relationship.

Contractor's choice:
Sponge-Jet's Sponge Blasting System™
Silver Sponge Media™

"I was very impressed with the Sponge-Jet technician on his level of commitment toward our efficient use of the Sponge Blasting System...he remained at the job site until we were completely self sufficient."

Product Manager



PRODUCT				
Sponge-Jet® Silver Sponge Media™ featuring MICROCONTAINMENT™ technology				
APPLICATIONS				
Heavy abrasion, industrial coatings removal				
PROFILE	ABRASIVE	CLEANING RATE	AVERAGE RECYCLES	
75micron (3mil)	Aluminum Oxide	6-17m²/hr(1-3ft²/min)	5-7	