

Lead Based Paint Removal from Asbestos/Steel- walled Crane at the Panama Canal

Project 790

- Panama Port Administration's "Titan Grove"
- Large floating crane used on the Panama Canal
- Steel and asbestos structure
- Abatement of 50 year old lead-based paint; to be prepped for new coating



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Substrate: Steel/asbestos

Surface condition: Failing
lead-based coating system

Specified:

- NACE 3 / SP-6 / SA 2
Commercial Blast Cleaning

Technologies Considered:

Wet blasting



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Reasons for choosing Sponge-Jet:

- Environmentally safer, especially when dealing with spent media and the removed lead-based paint
- Worker protection
- Controlled profiling on asbestos walls
- Low dust; dust suppression within close proximity to the sea

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↑ Interior mechanism near
walls and beams



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Used: Silver 30 Sponge Media™
abrasives (450 bags)

Two 400-HP Feed Units

35-P Recycler

Removal Rate:

128m² (1377ft²) per day



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**Note surrounding
sensitive equipment**



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**Inside
containment**

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Outcome:

- Used 450 bags of Silver 30 Sponge Media on 3600m²/38,750ft²
- Recycled Sponge Media 5 times during project



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