



CASE STUDY: BLASTING & COATING

CLIMATE CONTROL FOR INDUSTRIAL TANK MAINTENANCE

Tank Blasting & Coating Support

Tight quarters. Big tank. No room for error. Garrett McKenzie delivered 24/7 climate control to keep coatings on spec and corrosion out of a tank project.

JOB SITE CHALLENGES

- 24/7 humidity & temperature control
- Prevent flash rusting
- Maintain curing conditions

SITE DETAILS

- Large above-ground storage tank within a consolidated tank farm
- 250' diameter x 70' height tank

TEMPORARY POWER SOLUTIONS

- 1 x 240kW generator
- Power distribution cable

CLIMATE CONTROL

- 2 x 5,000 cfm desiccant
- 1 x 40 ton DX unit

INSTALLATION & FIELD SUPPORT

- Equipment setup, positioning & breakdown
- Customized layout for site mobility
- Deployment of trained field technicians

LOGISTICS & TRANSPORTATION

- Semi-tractor hauler



THE SITUATION

A large industrial storage tank was scheduled for interior blasting and the application of a new protective coating. To prevent flash rusting and to ensure proper bond strength, both temperature and humidity had to be tightly controlled throughout the process.

THE RESPONSE

- Delivered a climate system designed for targeted environmental control
- Climate control was sized to effectively deliver conditions in the interior of the tank, based on volume and exterior conditions
- Paired equipment with a generator sized for the full power demand

THE EXECUTION

- A 40-ton DX cooling unit and 10,000 cfm of desiccant dehumidification was used to maintain precise environmental conditions
- Staged equipment for entry points to the tank, dialing in airflow and moisture levels to support optimal blasting and coating performance
- Our technicians were hands-on throughout, managing equipment and ensuring consistent system performance every step of the way

THE RESULT

Consistent environmental controls ensured strong adhesion and lasting results. The equipment enabled industrial blasting and coating operations to avoid delay, keeping the project on track with no environmental concerns.

GM's equipment delivered results for a smooth tank coating project.



Climate control & power



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WHY CHOOSE GARRETT MCKENZIE

- ✓ 24/7/365 EMERGENCY RESPONSE
- ✓ NATIONWIDE COVERAGE
- ✓ INDUSTRIAL-FOCUSED SOLUTIONS
- ✓ SCALABLE EQUIPMENT OPTIONS
- ✓ SITE SPECIFIC EQUIPMENT PLANNING

TEMPORARY POWER SOLUTIONS

- Generators up to 2,000kW
- Power distribution cable
- Amp & I-line panels
- ATS - Automatic transfer switches
- Transformers
- Portable fuel tanks

CLIMATE CONTROL

- Desiccant dehumidifiers
- LGR dehumidifiers
- Temporary heating units
- AC cooling systems
- DX heating units

INSTALLATION & FIELD SUPPORT

- Equipment sizing & install
- Equipment setup & breakdown
- Experienced onsite technicians

LOGISTICS & TRANSPORTATION

- Transport-ready fleet
- 30-ton crane truck
(8,055 lb. capacity / 52.5' reach)
- Nationwide rapid deployment

**Garrett McKenzie's nationwide team
rolls heavy and delivers results!**



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COMMERCIAL-INDUSTRIAL EXPERTISE

We specialize in commercial-industrial support.

Our entire fleet, team, and process are designed around serving the needs of commercial-industrial contractors and businesses. Whether a planned project or an urgent response, we understand your need to maintain schedules & operations.

- Site-specific equipment sizing and project planning
- Direct access to our team - no middlemen, no call centers
- Scalable response to meet your needs
- Specialized technicians with real world experience

FEATURING EQUIPMENT BY:

