



CASE STUDY: BLASTING & COATING

DEHUMIDIFICATION, POWER AND FUEL CELL FOR ILLINOIS TANK PAINTING PROJECT

Underground Water Tank, Mt. Prospect IL

During maintenance of an underground municipal water tank, the painting contractor required stable humidity conditions to protect steel surfaces during blasting and coating. They turned to Garrett McKenzie for reliable dehumidification and rental power support.

JOB SITE CHALLENGES

- Tight delivery area
- Specific humidity levels
- Narrow project timeline

DEHUMIDIFICATION

- 1 x 2,250 cfm desiccant dehumidifier
- Flex ducting

TEMPORARY POWER SOLUTIONS

- 1 x 56kW generator
- 1 x 500 gallon fuel cube
- Power cable & accessories

INSTALLATION & FIELD SUPPORT

- Equipment sizing & installation
- Full equipment management
- Equipment setup & breakdown

LOGISTICS & TRANSPORTATION

- Crane truck



THE SITUATION

When a municipal water district began maintenance on their underground water tank and piping system, the painting contractor knew that humidity control would be needed. Looking to protect metal surfaces during blasting and when applying industrial paint, they turned to Garrett McKenzie.

THE RESPONSE

The contractor provided tank dimensions and the job site layout, and GM sized a 2,250 CFM desiccant unit to maintain proper surface conditions during blasting and coating. A generator to power the DH unit was sized and added plus a fuel cube to keep the system running continuously throughout the project and minimize fuel deliveries in a quiet area of Mt. Prospect.

THE EXECUTION

Due to the tight delivery space, GM used one of our crane trucks to stage the equipment. The generator was positioned first, followed by the crane placing the desiccant dehumidifier. Flex ducting was run into the tank access point, spill containment was placed under the generator, and power cables were connected. The system was operational shortly after arrival.

THE RESULT

Nearly 24 hour a day operation for 4 weeks and the project was complete. Maintaining the humidity prevented flash rusting and proper adhesion during coating. All resulting in no blasting issues or project delays.

No delays or issues thanks to rental dehumidifier, generator and fuel cell!



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www.garrettmckenzie.com



877-469-1600

No delays or issues!

GM INC.

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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
- Chillers (air or water cooled)

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 service and 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:

