



# PROJECT CASE STUDY

## Amerigas & Fenix Industrial Group: A Smart Coating Solution for Efficiency & Protection

Amerigas, a leading propane provider in the U.S., faced major challenges with the coating used on their cylinders. The existing solution failed to provide sufficient corrosion resistance, impacted production efficiency, and risked regulatory compliance. Seeking a solution, Amerigas partnered with Fenix Industrial Group, experts in industrial coatings and surface protection, to develop a high-performance alternative.



### CHALLENGES FACED BY AMERIGAS

- **CORROSION RISK**

The previous coating could not withstand harsh environmental conditions, leading to potential cylinder degradation and reduced marketability.

- **OPERATIONAL DISRUPTIONS**

Extended drying times caused bottlenecks in production, affecting overall efficiency and throughput.

- **REGULATORY COMPLIANCE**

Amerigas needed to meet strict industry regulations for equipment integrity and safety, which the existing coating did not support adequately.

#### PROJECT NAME:

Amerigas & Fenix Industrial Group:  
A Smart Coating Solution for  
Efficiency & Protection

#### CLIENT NAME:

AMERIGAS





## SOLUTION

Fenix Industrial Group approached Amerigas's coating challenges with a strategic, science-driven methodology, ensuring that every aspect of their operations was considered before implementing a customized solution.

### • COMPREHENSIVE ASSESSMENT

Fenix analyzed environmental conditions, operational needs, and coating performance requirements at all Amerigas BBQ tank production facilities.

### • CUSTOMIZED SOLUTION DEVELOPMENT

A tailored coating formulation was designed to meet Amerigas's specific durability, corrosion resistance, and drying time requirements.

### • RIGOROUS TESTING & VALIDATION

The new coating underwent extensive testing to ensure long-term durability, water repellency, and compatibility with Amerigas's operations.

### • COLLABORATIVE IMPLEMENTATION

Fenix worked closely with Amerigas to integrate the new solution smoothly across all painting locations, ensuring a seamless transition.



## CONCLUSION

### Smart Solutions, Lasting Results: Amerigas & Fenix's Success Story

By leveraging advanced coatings expertise, Fenix Industrial Group delivered a tailored solution that not only resolved Amerigas's coating challenges but also improved operational efficiency and regulatory compliance.

This case study highlights how strategic partnerships and innovation drive success in industrial coatings applications.

## RESULTS

#### ENHANCED CYLINDER PROTECTION



Superior corrosion resistance extended the lifespan of cylinders, reducing failures and operational delays.

#### IMPROVED OPERATIONAL EFFICIENCY



Shorter drying times streamlined production, increasing throughput and cost-effectiveness.

#### REGULATORY COMPLIANCE



The new coating met industry standards, ensuring equipment integrity and safety compliance.

#### LONG-TERM PARTNERSHIP



This successful collaboration established a strong partnership between Amerigas and Fenix, setting the stage for future innovations.

