



# Fire Protection Water Tank for Dongwha Electrolyte Facility

**FORGE**<sup>TM</sup>



# Project Overview

Client: Ryan Fireprotection, Inc.  
End User: Dongwha Electrolyte

Location: Minnesota, USA  
Project Type: NFPA-Compliant Fire  
Protection Water Tank

## Background & Challenge

Dongwha Electrolyte, a key supplier in the EV battery supply chain, initiated a new build in the United States to manufacture raw materials for battery makers. As part of the fire protection infrastructure, a fire water storage tank was required to meet stringent insurance and safety code requirements. Ryan Fireprotection, a full-service fire protection solutions provider, turned to FORGE™ to supply an engineered, NFPA-compliant tank system built to perform in a demanding industrial setting.

This project presented more than just technical requirements. The timeline was long and turbulent: a 16-month gap stretched between initial bid and award due to unstable steel pricing and a highly cost-sensitive client. Ryan Fireprotection faced a partner selection process that required speed, flexibility, and commercial discipline to secure the job.

# Solution & Execution

FORGE™ stepped in with the responsiveness and stability required to keep the opportunity alive. By holding pricing through multiple bid revisions and delivering submittals rapidly, FORGE helped Ryan Fireprotection secure not only the Dongwha job, but positioned them favorably for future work with the same end user. Key advantages included:

## 1. Pricing Stability

FORGE honored its original pricing throughout multiple rounds of client negotiations, building trust and preserving the viability of the job.

## 2. Quick Submittals

Engineering documents and drawings were turned around quickly, despite the delayed start, enabling Ryan to keep pace with an already-active construction site.

## 3. Quality Storage

The tank arrived exactly as expected — no defects, no surprises. FORGE's reputation for reliable, code-compliant equipment was reinforced throughout the project.

## 4. Commitment

The leadership team made a firm commitment to this transformation. They understood that it would require a significant investment in time, resources, and management.



# Installation & Safety



The tank installation was completed in a highly professional and safety-focused manner.

FORGE's in-house field crew met all expected safety standards and protocols without issue. With minimal site coordination required, the team executed efficiently within a tight site schedule and layout.

According to **Tim Machina, Executive Vice President at Ryan Fireprotection**, **“All top notch,”** when asked about the professionalism and safety practices of the FORGE team.

## Conclusion

The Dongwha project highlights the importance of not just technical capability, but also responsiveness, commercial reliability, and speed. FORGE™ delivered on every front, supporting Ryan Fireprotection through a volatile pre-construction process, and delivering a fire water tank that met all performance expectations.

As FORGE continues to expand its footprint in industrial fire protection, the Dongwha case is a prime example of how speed, service, and technical quality combine to create long-term project wins.

*At FORGE™, we maintain 100% control over our operations because our customers depend on precision, accountability, and seamless execution. The Dongwha project is a great example of how our in-house approach delivers results – no delays, no excuses, just performance.*

*Weston Opat, Director of Business Development, FORGE Global Industries*



## Results

The tank was installed without any issues or callbacks, and remains fully operational to support Dongwha's industrial safety and fire protection needs. Perhaps more notably, the successful experience has become a competitive advantage for Ryan Fireprotection:

“*FORGE delivered exactly what we needed – a high-performance system, tight coordination, and no surprises. That kind of reliability is hard to find.*”

– *Tim Machina, Executive Vice President,  
Ryan Fireprotection Inc.*

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## Overcoming Obstacles

The Dongwha project faced a prolonged 16-month delay between bid and award, largely due to unpredictable steel pricing and a cost-sensitive client.

FORGE™ not only held its pricing through multiple revisions but responded quickly with updated proposals and submittals – helping Ryan Fireprotection remain in contention and ultimately win the job. The ability to navigate both technical demands and commercial volatility was a key differentiator.





## The **FORGE™** Approach

This project showcases the value of internal project control. With FORGE's in-house crews and engineering, coordination was streamlined and deadlines were met — even on a late-start, high-pressure schedule. Commercial discipline and quick response times proved just as critical as tank performance.

*“This project perfectly demonstrates our belief that full control over operations — from engineering to field crews — isn’t just a differentiator, it’s a necessity. When speed, cost sensitivity, and reliability all collide on the same job, only a company built for accountability can deliver without compromise.”*

*— Jamie Reber, CEO, FORGE Global Industries*

# FORGE™

**Your project. Our commitment.**

**From complex scheduling to high-performance demands, FORGE™ delivers tank solutions engineered for results.**

**Connect with us to start the conversation.**



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