



# WELCOME TO AIS GROUP

One Partner.  
Every Discipline.  
Any Plant.

AIS Group is a national industrial services organization with four specialized companies working as one coordinated team to serve the plants and facilities that keep America running.



Mechanical | Refractory | Fabrication | Electrical | Piping | Civil | Scaffolding

## Who We Are

## BUILT TO SERVE INDUSTRIAL PLANTS AT EVERY LEVEL

Welcome and thank you for being here. Whether you found us through a project, a referral, or a search for a better way to manage industrial service work, you're in the right place.

AIS Group has been the trusted industrial services partner for plants across the United States since 2007. **Our mission is straightforward: be the most trusted partner for plants throughout the United States.**

We do that by deploying four specialized companies under one roof, with one point of contact on projects that require real coordination, real expertise, and real accountability.

This email is the first of what will be a regular look at how our companies work, the projects we complete, and what coordinated industrial contracting actually delivers in the field.

We'll keep it useful and to the point.

# THE AIS GROUP OF COMPANIES



## ► JUNE CASE STUDY

### Jupiter Aluminum | Hammond, Indiana

A full reverberatory furnace rebuild was completed in nearly half the standard industry timeline, with measurable performance improvements on the other side.

**55**

Days to completion

**+15%**

Melt rate improvement

**+20%**

Metal flow improvement

"It would have been catastrophic to have one furnace out of commission for four months. Time is money, and the longer you're down, the longer you're not operating, the more opportunity is lost."

— Chris Porter, Plant Manager | Jupiter Aluminum

**Jupiter Aluminum's** Hammond facility processes over **200 million pounds of recycled aluminum alloy per year**. When one of their three reverberatory furnaces reached end of service after 20 years, a full rebuild was unavoidable. The standard timeline of 3.5 to 4 months wasn't acceptable for a plant built around continuous production.

They called AIS Group. We deployed two of our entities on a single unified project. This meant one schedule, one point of contact, no gaps between contractors. Before a single piece of refractory was installed, the **Pyrotek** team ran **water modeling analysis** to simulate and optimize the new furnace geometry, eliminating costly mid-project corrections.

The result: **55-day completion time**. A furnace that performs better than it did before, and a scheduled return for Jupiter Aluminum's next two furnace relines in 2027 and 2028.

## TEAM HIGHLIGHT ABOVE AND BEYOND



**Gerardo Eng**  
VP Project Planning  
& Estimation



**David Moore**  
VP Business Development

### How Each Entity Contributed

**Southern Welding:** Structural and mechanical welding throughout the rebuild

**Elite Industrial:** Led on-site plant support, refractory demolition and installation, and operational coordination across the project — including redesigning the furnace's interior geometry to improve molten metal flow characteristics.

[READ THE FULL CASE STUDY](#) →

## PLANNING A PROJECT? LET'S TALK.

Whether you're facing a scheduled outage, a furnace rebuild, or a scope that requires multiple disciplines. AIS Group is ready. One call covers everything.

[CONTACT US](#)

[OUR COMPANIES](#)

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