

# GREEN VANADIUM

BRINGING SUSTAINABILITY TO THE STEEL INDUSTRY



As an environmental leader in recycling hazardous waste products, AMG Vanadium's V-CYCLE™ process provides a comprehensive and environmentally safe solution for the processing of metal containing catalysts and residues from refineries and powerplants to produce ferrovanadium and other alloys which are vital in structural and stainless steel production.



# Great For Steel. Great For Everyone.

AMG Vanadium is the **only domestic producer of ferrovanadium** and we are committed to establishing the gold standard of environmental conduct at all of our manufacturing facilities and producing materials that help our steel customers minimize negative environmental impact.

## Lead by Example

We are committed to measuring and minimizing the environmental footprint associated with our own manufacturing operations by investing **\$300,000,000** since 2019 to double our capacity with a second manufacturing facility.

## Support a Green Economy

Enable CO<sub>2</sub> reduction in the steel supply chain by providing vanadium that has been produced generating **80% less CO<sub>2</sub>** emissions compared to traditionally mined vanadium.

## Reduce Environmental Footprint

- Eliminate **millions of tons of CO<sub>2</sub>** per year.
- Recycling of hazardous waste.
- **Greater than 99%** conversion to saleable products.

## OUR COMMITMENT

## Domestic Producer of Critical Materials for the Steel Industry

- Vanadium (Ferrovan®)
- Nickel and Molybdenum (FeNiMoly®)

## Superior Steel Production

A micro-addition of Vanadium to steel improves strength and ductility, allowing a **weight reduction of 20-40%** compared to standard carbon steel for the equivalent function.



V-CYCLE™

AMG Vanadium is focused on utilizing environmentally sound technologies to reduce our carbon footprint and to provide sustainably consistent vanadium-based products through our proprietary conversion processes.

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### Contact Us

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