



Gillis Amine Plant: Phase I and Phase II—*Louisiana*

Company Overview

Evers & Sons Inc. is a third-generation, family-owned midstream energy construction company providing services across Facilities, Fabrication, Pipeline, Maintenance, and Decommissioning & Asset Abandonment. Together, our integrated divisions provide solutions that build, support, and sustain the energy infrastructure across the United States.

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Project Overview

Evers & Sons provided full field installation services for the Gillis Treating Plant, including construction of an 8,000 GPM amine treating facility, a core component of Momentum Midstream's NG3 Project linking the Haynesville Shale to Gulf Coast LNG markets. The facility was originally designed for 1.7 Bcf/d of throughput, with the expansion incorporating additional equipment to increase total processing capacity to approximately 2.3 Bcf/d.

PHASE I:

Amine System – Key Equipment (Per Train):

- (3) Amine Contactors
- (3) Treated Gas Coolers
- (3) Inlet Skids
- (3) Amine Circulation Pumps
- (6) Lean Amine Coolers
- (1) Amine Flash Drum
- (1) Amine Charcoal Filter
- (1) Reflux Skid
- (1) Amine Surge Tank
- (3) Heat Medium Heaters
- (2) Amine Reboilers
- (2) Regen Still Towers
- (4) Reflux Condensers

BOP Mechanical Equipment – Key Equipment:

- (1) Inlet Separator
- (8) TEG Dehy Packages
- (5) CO₂ Screw Compressors | (2) CO₂ Recip Compressors
- (2) CO₂ Dehy Packages | (4) BTEX Scrubber/Cooler Packages
- (1) Flare
- (1) BTEX Flare
- (1) RO Water Treatment System | (1) Instrument Air Skid
- (1) 210 BBL Amine Storage Tank | (5) 750 BBL Closed Drain Tanks
- (3) 750 BBL Raw Water Tanks | (3) 750 BBL RO Water Tanks
- (3) Cummins Powered Backup Generators
- (3) PDC Buildings

Scope of Work:

- Installation of ± 60,000 LF of prefabricated pipe (2"–36")
- ± 152,171 field weld inches
- ± 7,500 pre-fabricated pipe spools
- ± 800 tons of structural steel fabrication and erection
- ± 2,900 CY of concrete
- Flange torquing (5,275 flanges)
- QA/QC management and job books
- Oversight of I&E partner
- Number of welds: ±6,200

Additional Scope:

- Turnkey Sub Station Construction
- Control Room & Office Building
- Warehouse

PHASE II: Expansion Scope

- (2) 5000 HP Electric Drive Residue Compression - (Residue compression increases capacity to 2 Bcf/d)
- (2) H₂S Treating Units for CO₂ Stream Treating
- (1) CO₂ TEG Dehydration Unit

This greenfield facility serves as the core of NG3's carbon capture and gas treating system, integrating CO₂ amine treating, dehydration, and compression to deliver clean natural gas while maintaining a net-negative CO₂ emission profile.