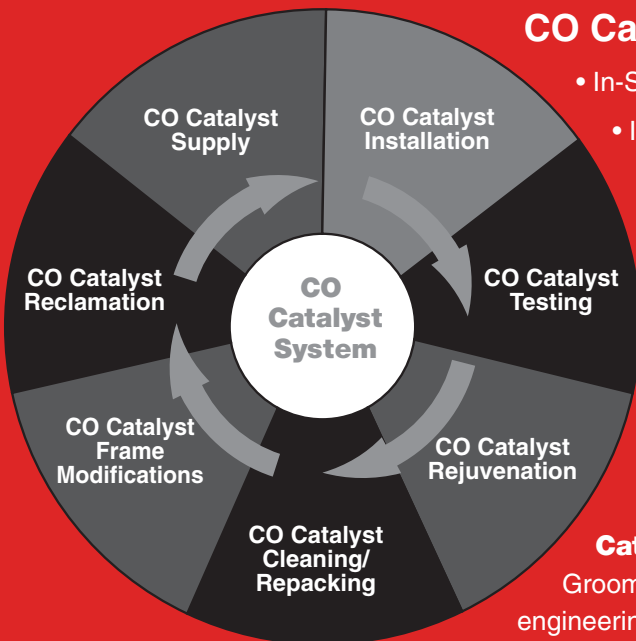


Catalyst Services - CO

Groome offers a variety of CO catalyst services nationwide. Our quality-driven methods are value engineered and proven effective.

Our CO catalyst services are completed turnkey with no subcontractors, and minimal plant support is required. While our focus remains on the entire life cycle of a complete catalyst system, our offerings extend beyond just the catalyst.



CO Catalyst Systems

- In-Situ Mechanical Cleaning
- In-Situ Water Wash
- On-Site Rejuvenation
- Catalyst Evaluation & Testing
- Semi-Annual System Performance Analysis
- Catalyst Replacement
- Catalyst Reclamation

Catalyst Replacement

Groome's in-house field engineering crews are catalyst specialists, plus we partner with several

HRSG and catalyst OEMs to perform replacements. Groome is responsible for all scaffolding, crane support, rigging and welding services.

Catalyst Testing

Groome partners with industry-leading independent catalyst testing labs to provide the most comprehensive results. Chemical and physical analyses are included. Our process takes the guess work out of predicting catalyst end-of-life.

Benefits of In-Situ Mechanical Cleaning:

- Maximize exhaust flow through catalyst
- Minimize pressure drop
- Maximize the catalyst's useful life

Benefits of Solution Wash:

- All the benefits of a mechanical cleaning, plus:
- Reclaim activation percentages
 - Increase the useful life of the catalyst



Before



After

Catalyst Services - CO

**We can clean
your catalyst.**

Groome thoroughly cleans ALL:

- **Makes:** name your favorite catalyst OEM
- **Models:** any vintage: 1 or 10+ years old



**Our philosophy is simple:
provide quality, innovative services at a reasonable cost.**

With over 50 years of providing specialty maintenance and industrial services nationwide, Groome Industrial Service Group has never been stronger, safer, or more focused on the future than we are today.

Safety is paramount at Groome.

We follow IME/OSHA-based safety training programs, along with an OSHA 30 training standard for all employees. An accident-free environment translates to lower insurance costs, better employee commitment, higher productivity, and an improved bottom line for our customers.

**Complete Turnkey Solutions.
No Subcontractors.
Minimal Plant Support Needed.**



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