



Pigging & Decoking

Maviro industrial services provides you with a comprehensive package of fired heater pigging & decoking services delivered by the most seasoned professionals in the industry.

Services Provided

- Closed loop furnace pigging
- SAGD Pigging
- Filtration units
- Mechanical Work
- Custom Pig Manufacturing
- 24-7 North American Response
- Laser cleaning Radiant tube OD's
- Consulting
- Line Flushing & Pipeline Pigging
- Smart Pig Inspections*
* Utilizing Steady Flux

Our equipment is built to exceed current environmental and construction standards. Designed and engineered by veteran operators, our units are safe, operator friendly, reliable, and maintenance accessible. Ergonomic features reduce operator fatigue which maximizes operational efficiency.

Pre-planning

- Detailed Safe work execution plans
- Develop unit specific configurations and methodologies to maximize decoke timelines

Personnel

- Most experience in industry
- Dedicated decoking team

Safety & Training

- Industry leading procedures and protocols
- Progressive computer based and hands on training program
- Strong safety culture



MAVIRO

Maximizing the performance, thermal efficiency and run rates of your fired heaters.





Pigging Advantages

Closed Loop Pigging utilizes high volume, low pressure pumps to move pigs bi-directionally through fired heater serpentine coils and pipe. The operator progressively increases the size of the pigs to safely remove the deposits while constantly monitoring pressures and flow rates of the ambient temperature water from the climate-controlled control room

In Delayed coker units we can seamlessly bundle our decoking service with our industrial services team. We can concurrently Roto fan the overhead feed and vapor lines while pigging the furnace coils

Our softcore pig design with varying durometer hardness paired with a multitude of different studs allows us to effectively remove even the hardest layer of coke while minimizing tube erosion.

Safety & Training

- Newly designed self contained equipment
- Integrated splash and secondary water containment
- Built to meet ANSI/ASME B31.3 standards
- Tier 4 Final Engines
- Customized pig tracking system and detailed reporting
- Full inventory of parts and consumables
- Mobile Filtration Units-95% water recycling
- Multiple locations for Rapid 24-7 mobilization

Smart Pigging

Maviro has partnered with Steady Flux to perform intelligent pigging using the highest resolution tool available in the world.

Specifications:

- Bi-directional with ability to navigate 1D 180° U-bends
- Captures full A-scan
- 0.185" (4.7mm) flaw size detection with > 90% PoD
- Customized to inspect 2" - 14" piping in fired heaters



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More effective than steam air decoking and on-line spalling.
Perform concurrent maintenance.



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