



Top-End Overhauls Never Looked So Good

Location: Rankin Compressor Station

Overview: WPI recently completed a field service project at the Rankin Compressor Station in the heart of Texas. The Rankin Station is critical in transporting 2.5 billion cubic feet of natural gas daily to the Corpus Christi, TX region, ensuring energy delivery to one of the country's most vital industrial hubs.

The Task: Five Waukesha L7044GSI S5 engines compress natural gas through pipelines at the core of the Rankin Station's operations. WPI was brought in to conduct Top-End Overhauls on these engines. The goal was to ensure each unit continued operating at peak performance, minimizing downtime and preventing future breakdowns. The overhauls involved detailed inspection, component replacement, and fine-tuning of each engine, ensuring optimal efficiency and longevity.

Challenges: This project was routine, and the experienced WPI team faced no significant challenges during the overhaul process. With our field service team's extensive experience, this field project was handled smoothly and efficiently—an ordinary day-to-day job.

Outcome: The WPI team completed the overhauls on time without disrupting the Rankin Station's gas compression operations. As a result, the station continues to push 2.5 billion cubic feet of gas daily, ensuring steady and reliable energy delivery to Corpus Christi. This project demonstrates WPI's ability to maintain high-performance equipment in the field, ensuring that critical infrastructure remains operational and efficient.

Conclusion: Reliability is paramount for operations like the Rankin Compressor Station. WPI's expert field service team ensures that even routine overhauls are completed professionally, reducing risks and maximizing performance. With a proven track record of success, WPI continues to support the energy sector, keeping critical systems running smoothly.

