

ENGINE & COMPRESSION SOLUTIONS

Rich-to-Lean

Did you know...

Spartan has the best available control & emission reduction solutions for Waukesha VHP GSI series 2 and 4 engines.

Patented Air-fuel ratio (AFR) Rich to Lean technology

- Integrated AFR, Governor and Ignition Control
- Dynamic Adaptive Control
- Adapts for changes in fuel BTU, load, speed, exhaust temperature and ambient air pressure and temperature
- ECO Plug Technology for ultra lean stable combustion



Benefits

- Exceeds current and future NOx regulations
- 3rd party validated GHG savings – 15% fuel reduction
- No reduction in nameplate horsepower – some engines with OEM or other existing AFR are derated due to poor controls
- A significant improvement in reliability and runtime compared to existing controls
- Easily integrated into existing control panel or combined with a new compressor control PLC (Sixnet/RedLion or Allen Bradley)
- Significant cost savings (~50%) when compared to OEM or other 3rd party emission or control upgrades
- Rich to Lean technology approved by Environment Canada as a lean burn engine after conversion
 - Results in less than 50% engine testing costs for MSAPR compliance compared to a rich burn

For more information, contact us today!

+1 (877) 278-6404 | info@spartancontrols.com