ENGINE & COMPRESSOR CONTROL

COMBUSTION MANAGEMENT AND AUTOMATION SYSTEMS

REMVue
Full Automation with Combustion Management for Advanced Applications
- Combustion Management using advanced algorithms, resulting in the tightly controlled emissions with the lowest BSFC.
- Advanced algorithms support varying fuel BTU contents.
- Start/Stop Sequencing
- Digital Speed Governing
- Load Control
- Advanced Diagnostics
- Emissions tracking and reporting
- GHG emissions capture, measurement and combustion

Multiple Platforms Available REMVue 500, REMVue 600 & REMVue LX, REMVue 700, Emerson PK and Delta V SlipStream

System Upgrades
REMVue 505
- Field replacement for older R300 systems with minimal downtime

FW MURPHY PRODUCTION CONTROLS
Auto Start/Stop and Safety Shutdown Panels
TTD Annunciator Panels
- Alarm and Shutdown with Modbus communications
Centurion C4, C5 and Centurion PLUS Custom Panels
- State of the art full function digital controls
Millennium Upgrades
- In-field replacements of legacy Millennium systems using Centurion platform

NATURAL GAS ENGINE AND COMPRESSOR CONTROLS

FW MURPHY PRODUCTION CONTROLS
Emissions Controls for Richburn and Leanburn Engines
AFR1 single setpoint controller
AFR9, AFR64R and AFR64L multi-setpoint load tracking controllers

Digital Ignition Systems
Intellispark Ignition for engines up to 20 cylinders
- Crankshaft referenced systems with +/- .10 degree accuracy
- Advanced diagnostics of input signals, primary and secondary circuits
- Secondary prognostics use attenuated feedback from individual coils

Integrated Ignition, AFR, Emissions and Speed Controls Engine Integrated Control System (EICS)
- Ready-to-Run kits for compressors and generators
- Emissions kits for applications within EPA attainment and non-attainment locations

BG
Ignition Accessories
Denso Spark Plugs
- Ignition Primary & Secondary Leads and Spark Plug Extensions

STARTING SYSTEMS FOR ENGINES AND TURBINES

TECH DEVELOPMENT (TDI)
Turbine Air Starters, Regulators and Accessories for engines from 5 to 100+ Liters
T6/T7 Series
- State of the Art starters for Reciprocating Engines
- Lowest weight to HP ratio

T30, T50 and T100 “TurboTwin” series
- Inertia, Pre-Engaged, and Gas Turbine applications

Starter REMAN programs
- Core based program that keeps spare units onsite and ready for use

PORTABLE EMISSION ANALYZERS AND ACCESSORIES

ECOM
Multi-gas analyzers for Engines, Turbines, and Boilers used for tuning, diagnostics, general and compliance testing
ECOM-B, CL2
- 2 gas analyzer
ECOM-D
- 3 gas, diagnostic and tuning analyzer
ECOM J2KN
- Advanced, multi-gas analyzer

24/7 SERVICE
225-751-3788
JOHNHCARTER.COM

SERVICE & SUPPORT
Factory trained and accredited

SHOP SERVICES
- Ignition System Testing
- Primary and Secondary Load manufacture and repair
- Ignition and Thermocouple Header systems
- Lubrication System component testing
- Engine Starter Repairs
- Panels and FASTs

FIELD SERVICES
- Panel installations and commissioning
- REMVue and Murphy Panel retrofits
- PIMs and Reciprocating Machinery (Beta) analysis
- Ignition and AFR system troubleshooting and installations
- Emissions Testing and tuning
- Lubrication System PM, Troubleshooting and installations
- Engine Starter installations
- Maintenance Programs

ENGINEX WORX LOCATIONS

Corporate Office
Sales/Service
17630 Perkins Rd.
Baton Rouge, LA 70810
225-751-3788

Lafayette Office
Sales/Service
401 Waukt St.
Lafayette, LA 70506
337-223-8331

Metairie Office
Sales/Service
2728 N. Airline Rd.
Metairie, LA 70002
504-487-8550

Mobile Office
Sales/Service
2013 Perimeter Rd. Ste 300
Mobile, AL 36615
251-655-9099

Shreveport Office
Sales/Service
9656 St. Vincent Ave.
Shreveport, LA 71106
318-881-0168

BRANDS

### Oil Control and Displays for Stationary and Marine Engines

**Hi and Lo pressure filtration unit**
- Reduces the need for spare valve inventory and operating costs.

**Hi-Flo RD Valve (Rounded Disc Ring Valve)**
- Feature aerodynamic rounded profiled rings providing increased efficiency, reduced power consumption and reliable operation where temperatures and pressures are extreme.
- Aerodynamic rings allow the free passage of foreign material and liquid slugs.

**Compressor Rod Packing**

**EmissionsGuard™ TR Packing Ring**
- MCG SERSHGUARD™ TR packing ring multiplies the benefits of a tangent to rod ring and a steep tangent ring by combining the two rings into one, providing a more efficient seal, reduced friction and extended lifetime.

**Advanced Compressor Rod and Cylinder Repair Technology**

**Fivallot™ Coatings**
- Fivallot™ coating and plasma spray process is an ideal method for repairing compressor piston rods, cylinders and cylinder liners to better-than-new condition, in many cases as an alternative to replacement where the component could not be otherwise repaired. CPI can also provide new components coated with Fivallot™ to safely extend the life of each product.