



Emerson Impact Partner

RAS I&E TECHNICAL SERVICES

OIL AND GAS OPERATIONS DEPEND ON RELIABLE INSTRUMENTATION, AUTOMATION SYSTEMS AND FIELD DEVICES TO MAINTAIN SAFETY, PRODUCTION AND REGULATORY COMPLIANCE.

Whether supporting a new installation, commissioning a facility, troubleshooting issues or executing a shutdown, ECI's RAS Instrumentation & Electrical Technicians provide specialized field expertise to ensure critical assets perform safely and reliably throughout their lifecycle.

Accurate Instrumentation, Reliable Automation and Maximum Uptime



As a trusted automation and instrumentation services provider, ECI helps operators reduce downtime, improve measurement accuracy and maximize production through responsive field service and technical support.

Specialized oil and gas instrumentation expertise and OEM-supported automation and measurement capabilities drive compliance, quality and accuracy. From RTU and control system expertise to ESD and safety system testing, burner management and combustion experience, and outage and shutdown support, our teams respond quickly. Local technicians are backed by factory-trained resources and deliver complete lifecycle support from startup through ongoing maintenance.

Startup, Commissioning and Validation

Proper startup and commissioning ensure instrumentation, control systems and safety devices perform as designed. ECI technicians provide a range of services to ensure systems are fully tested, documented and operational before production begins.

- Instrumentation installation, configuration and verification
- Startup and commissioning support
- Scheduled emergency shutdown testing services
- Scheduled DP flow verification and calibration
- Control panel and junction box wiring
- Stainless steel tubing installation
- Control system troubleshooting
- Communication troubleshooting



Instrumentation, Measurement and Calibration Services

ECI technicians conduct calibration and field verification that helps maintain accuracy, compliance and operational confidence. Specialized instrumentation expertise includes Emerson and Rosemount products.

- Flow measurement
- Pressure measurement
- Temperature measurement
- Level measurement
- Radar level technologies
- Differential pressure flow
- Wireless instrumentation
- Combustion systems
- LEL calibration

Emerson RTU Platforms and Hardware Expertise

- Emerson FB107
- Emerson ROC800
- Emerson FB3000
- Communications and networking expertise
- Advanced communications troubleshooting
- System troubleshooting

Power and Remote Site Support

ECI provides specialized support for remote production facilities and power systems.

- Global Power Technologies partner
- MX generator maintenance and repairs
- TEG maintenance and repairs
- UPS and solar expertise
- Local expertise
- Rapid response

Your Local Service Partner

With resources throughout western Pennsylvania, Ohio and West Virginia, ECI responds quickly when operational issues arise. ECI's I&E Technicians work as an extension of your team, providing technical expertise to keep production running safely, efficiently and reliably. Even organizations with experienced maintenance teams rely on ECI for:

- Specialized expertise
- Additional manpower
- Compressed shutdown schedules
- Critical troubleshooting
- Startup and commissioning support

ECI's RAS I&E technicians provide responsive field support for instrumentation, automation and electrical systems. Their specialized expertise helps keep critical assets operating safely, accurately and reliably.



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SALES AND INFORMATION

724-746-3700
or **www.ECI.us**

After Hours Emergency
Support: **800-569-6030**

IN TERRITORY EXPERTISE

Lawrence, PA
Columbus, OH
Lima, OH

Solon, OH
Dunbar, WV
Salem, WV