

Instrument Technology International

Delivering Proven Instrumentation and Electrical Expertise
and Vast Resources to Meet Cost and Schedule



KBR

Filling the Gaps

Now more than ever the industry is experiencing gaps in qualified instrumentation and electrical (I/E) expertise. Companies who need to recruit quickly rely solely on I/E service providers to answer:

- How will you staff, retain and manage qualified personnel to complete projects safely?
- Are your I/E capabilities aligned properly with planning and budgeting to meet revenue targets?
- Could your operation benefit from system/ operation training designed to boost productivity?

With over 25 years experience recruiting I/E support, KBR subsidiary Instrument Technology International (ITI) staffs projects from front-end development through construction, checkout, commissioning, start-up, operational phases and post-operational maintenance, offering facilities a single-point of contact.

Recruiting Qualified Expertise

Unlike employees of some smaller contractors, our personnel are seasoned, career-driven individuals attracted by ITI's comprehensive benefits package. And as a division of KBR, we can pull through specialized support services and equipment from one of the largest industrial service groups in the world. Whether recruiting top candidates using our resources, third parties or from a database of over 3,500 I/E craft, technical and managerial talent searchable by discipline, we hand-pick the right team for you.



ITI serves clients in petroleum, petrochemical, energy, pulp & paper, utilities, manufacturing, municipal/ government, facilities, pharmaceutical, offshore rig, wastewater treatment and others.

Many of our sites have long-standing relationships that have existed for over 25 years



Besides filling I/E positions, companies regularly turn to us for training. For example, we trained 1,000 contract craft employees on a lockout/tagout procedure for a major oil company's refinery, leading to a letter of recognition.

Services Designed to Improve Operations

Improving the efficiency of I/E operations is part of ITI's philosophy. From a single technician for a short assignment to a team of engineers, technicians and craft workers for grassroots projects, we respond with support services that match your process control needs.

- Small capital projects
- Engineering/ design consulting
- Inspection and repairs
- Analyzer maintenance services/ installation
- Control room operations assistance
- Turnarounds/ shutdowns/ outages
- Training programs
- Commissioning and start-up
- Contract maintenance
- Emergency re-builds

Maintaining Cost and Schedule

Keeping cost and schedule in line while deploying experienced personnel swiftly is a differentiator we bring to every job. With ITI, there are no surprises. Project leads submit all-inclusive cost estimates and milestones, and our team initiates projects against those plans with overachievement in mind. For example, we provided I/E and maintenance services for a \$16 million plant that came in one million under budget and a month ahead of schedule. Having the right team in place has kept us onsite at this facility for over 25 years.

Safeguarding Your Investment

There is a focus on commissioning, checkout and start-up from day one on our projects. With ITI, you can expect instrument/electrical/analytics (I/E/A) installation, inspection, calibration, checkout, start-up services and equipment-specific training. Conducting pre-calibration functions, check-out and proving loop integrity for timely plant commissioning and startup is seamless with our trained personnel.

Contract maintenance with ITI offers you operation services including instrument, electrical and process analyzer maintenance, I/E capital projects and inspection services. Employee teams are available for supplemental or total maintenance, and technicians provide routine maintenance of micro-processor-based distributed control systems as well as independent and computer-based process analyzer systems.

When a chemical company needed expert help restarting their polymer unit, ITI responded well under targeted budget

Protecting People and the Planet

With potentially hazardous environments found in most facilities, our highest value is safety. That's why our employees must hold NCCER (National Center for Construction and Education Resources), credentials in their discipline, equipment certifications as well as a drug and alcohol screen. As a further safeguard, safety inspectors conduct unannounced site audits to ensure compliance with your safety and practices/ processes and ours. As a result, our integrated crews work in a safer environment.



Classroom and individual instruction offer ITI employees the latest in advanced process techniques, operational procedures, system innovations and peripheral hardware maintenance.

Ongoing Training Boosts Productivity

Staying current with I/E technology to enhance skill levels and performance includes regulatory instruction, leadership training, project grading, best practices, employee development and benchmarking. Periodically, we provide all supervisors and craft workers refresher courses in basic and advanced techniques. Follow-up testing also encourages the upgrading of skills for those seeking higher job-rated classifications. Continuous training provides our clients with an expanding pool of qualified, multi-craft I/E employees.

Fill in Gaps. Meet Milestones.

Supplying qualified I/E expertise for turnarounds, emergency rebuilds, small capital projects and post-construction maintenance has garnered ITI deep relationships. Whether you need a single technician, a large team, emergency support or continuous maintenance, we support the most challenging assignments.

To learn more, visit: iti.kbr.com or e-mail iti@kbr.com

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