

# Quality Assurance/ Quality Control



Cardno PPI is a highly regarded provider of quality assurance and quality control (QA/QC) services worldwide, ensuring your equipment meets design criteria, regulations, and industry standards.

## QA/QC Services

Cardno PPI offers:

- > Scalable services
- > Project-based QA
- > Component-specific QA
- > Complete QA plans & services.

Skilled and highly experienced Cardno PPI inspection technicians monitor the manufacturing and inspection of oil and gas components. They ensure your equipment meets design criteria, regulations, and industry standards. Cardno PPI personnel also act as your advocates throughout the manufacturing, welding, inspection, and testing processes.

## Knowledgeable, Skilled Technicians

Cardno PPI inspectors have years of experience in metallurgy, connections, relevant specifications, and nondestructive examination (NDE) protocols. These include:

- > NACE International certifications and training
- > SNTC/TC-1A Level II (internal certification)
- > ASNT/TC/A Level II status
- > American Welding Society-certified welding inspectors (CWI).

Written inspection accounts provide a documentation trail for vendor review and auditing. These documents can be provided as stand-alone reports or in the Cardno QA Reporter software, which facilitates long-term vendor performance analysis.

## Third-Party Inspection and Monitoring for Oilfield, Pipeline, and Processing Equipment

- > Line pipe
- > Oil country tubular goods (drillpipe, etc.)
- > API 5L mill and coating
- > Drilling, completion, and pipeline equipment
- > Wellheads and Christmas trees
- > Risers and umbilicals
- > Downhole accessories
- > Manifold systems
- > Processing equipment.

**Cardno** is a global provider of integrated professional services which enrich the physical and social environment for the communities in which we live and work. Our team of multidisciplinary specialists around the world has more than 70 years' experience in designing, developing and delivering sustainable projects and community advancement programs. Cardno is listed on the Australian Securities Exchange (ASX: CDD).

## Houston Office

920 Memorial City Way, Suite 900  
Houston, TX 77024, USA  
Phone +1 713 464 2200  
[www.cardnoppi.com](http://www.cardnoppi.com)

## Cardno Fast Facts



6000+  
People



130+  
Offices



100+  
Countries



Cardno PPI solves critical challenges for energy clients around the world, specializing in quality and consulting services; hands-on engineering, certification, and technical services; and technology development and resource management.

### Trending Reports and Business Analytics

Companies may use our cutting-edge software to monitor quality. The Cardno QA Reporter application (QAR) runs from a central database that lets you review, audit, and retrieve current and historical data. It generates near-realtime trending reports and operational data to help you make business decisions.

Interactive graphs and business analytics include key performance indicators such as:

- > Supplier rejection rate
- > Components by rejection rate
- > Non-conformance reports
- > Inspection reports.

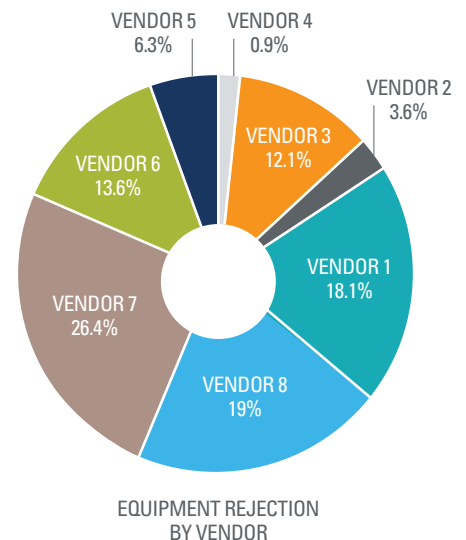
You can use the quality application to retrieve report data; follow non-conformances; measure, benchmark, and track information for quality improvement; and assist in responding to quality issues.

### Other Services

- > Quality plan development and implementation
- > Training.

### Quality Module for QAR Application

- > Compile inspection reports by different factors
- > Graph indicators instantly for key decisions
- > Generate trending reports and operational data.



### Cardno's Commitment to Zero Harm

Safety is a core value at Cardno and our Zero Harm safety program fosters an environment of clear accountability, shared responsibility, risk awareness and effective communication. Our program underpins all operations and is responsive to the needs of our clients. We are focused on continually improving our safety culture and the management systems that reinforce our commitment to zero harm. Cardno operates an occupational health and safety management system that has been certified to AS4801 and OHSAS18001.