

Well Certification



For more than 20 years, Cardno PPI has provided the oil and gas industry with reliable, cost-effective solutions for complex challenges. Cardno PPI reviews and certifies well designs, including new wells, re-entries, sidetracks, plug backs, workovers, and P&A plans.

Well Certification

Cardno PPI performs advanced oil and gas well design and engineering services around the world. With proprietary software and comprehensive up-front planning, Cardno PPI engineers can help you make your most challenging wells successful. Our focus on efficiency reduces costs and non-productive time while achieving your goals.

Since 2010, Cardno PPI has been providing well certification services that meet the standards of the US Bureau of Safety and Environmental Enforcement (BSEE).

Cardno PPI features a team of experienced and technically skilled design engineers to prepare and review designs for both drilling and completion of wells. The team has the people and tools necessary for conventional, high-temperature/ high-pressure (HTHP), and deepwater well design.

Areas of expertise include:

- > BSEE well certifications
- > Well design and project planning
- > Material and equipment analysis and qualification
- > Cost and feasibility studies
- > Tubular design and analysis
- > In-house client support.

We pride ourselves on providing thorough evaluation with a quick turnaround period.

Cardno PPI has performed more than 1,100 well certifications for operators around the world, many for deepwater wells. We have certified offshore well designs for the United States, China, Israel, Cyprus, the Falkland Islands, Nicaragua, Morocco, Mauritania, Senegal, and Suriname.

Wells are classified on a four tier schedule by characteristics such as deepness, well complexity, and maximum allowable surface pressure (MASP). Each tier has an all-inclusive price to facilitate planning expenditures without the guesswork.

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).

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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.

Our experienced engineering team gathers essential information, identifies issues, and communicates with the customer to clarify any questions or assumptions. The final report for each design will be approved by a Cardno Americas Senior Principal.

- > Casing Design Review and Certification
 - Perform API independent casing design
 - Compare independent casing design with proposed design and make recommended changes to meet regulatory requirements
 - Verify final design
- > Review of cementing program
 - Perform independent volume calculations
 - Recommend changes to meet regulatory requirements (as required)
- > Overall review of drilling program and application for permit to drill
 - Recommend changes (as necessary)
- > Model and calculate annular pressure buildup.

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.