

Process Safety

We identify areas where you can improve safety, risk management, efficiency and cost-effectiveness. Ultimately, we help you ensure everyone goes home safely.

- Process Hazard Analysis (PHA)
- Process Safety Information (PSI) Solutions
- Safe Operating Limits (SOL) Development
- Open Recommendations Resolution
- PSM Program Development and Support
- Risk Management Program (RMP) Development and Support
- PSM/RMP Compliance Audits
- Training Solutions

Asset Integrity and Reliability

We reduce downtime, increase uptime, and enhance safety, by collaborating closely with clients to optimize their processes and ensure reliable, sustainable operations.

- Integrity Program Development, Execution, & Optimization
- Integrity Engineering
- Corrosion Control Document (CCD) & Integrity Operating Windows (IOW)
- Risk-Based Inspection (RBI) Program Implementation
- CML Optimization
- Digital Solutions & Technologies Assessment
- Machinery and Plant Reliability Services
- Vibration and Condition Monitoring
- Reliability Centered Maintenance (RCM)
- Preventative Maintenance Optimization
- Training Solutions

Process Engineering

Our focus on safety, flexibility, and competency ensures effective collaboration with clients to optimize their processes, minimize risk, and improve sustainability.

- Process Engineering Design Services
- Pressure Relief System Design and Evaluation
- Flare System Design
- Operating Procedure Generation
- Alarm Rationalization
- Process Simulation & Modeling Services

Let's Work Together.

For more questions, reach out to:

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Unlock Your Vision with Our Engineering Partnership

OUR MISSION

Safe operation of your processes and assets

At Cognascents,
our objective is to ensure the seamless operation of your processes and assets, with a commitment to safety and quality.

As a long-term engineering partner, we deliver process, process safety, asset integrity, reliability, and risk engineering. For over a decade, we have collaborated with leading organizations to find solutions for technical challenges, leveraging our deep functional and industry expertise. Our goal is to build lasting relationships based on high integrity, excellence, and a shared commitment to achieving success and giving back to our community.

We serve a diverse range of industries, including chemicals, food and beverage, industrial gases, midstream, oil and gas, and renewables. Our solutions are tailored to meet the unique needs of each client and play a significant role in achieving sustainable results.



2010

Established in



50+

Specialists

ADDRESSING TODAY'S CRITICAL INDUSTRY CHALLENGES

81%

of the incidents are caused by inadequate
Process Hazard
Analysis

Chemical Safety Board | CSB

\$240+

Billion/Year

loss due to unplanned
equipment shutdowns
and mechanical
failures

National Institute for Occupational
Safety & Health | NIOSH

80%

of the major accidents
in the oil and gas could
have been prevented
by proper design and
maintenance of relief
and flare systems

The International Association of
Oil & Gas Producers | IOGP



COMPETENCY + INTEGRITY + 360° SERVICE EXCELLENCE = YOUR LONG-TERM ENGINEERING PARTNER

Your long-term
Partner for
Your Process
Safety and Asset
Integrity Needs



Our firsthand knowledge and extensive experience in the energy and chemical sectors make us experts in providing comprehensive engineering support from concept through start-up and operations support.

Innovative
Solutions



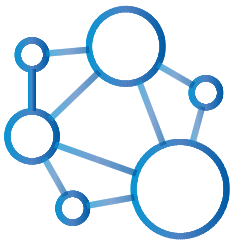
As a technology-enabled solutions provider, we integrate best-in-class technology and adapt to evolving needs of our clients.

Service Excellence
with a 360° Vision



As your long-term engineering partner, we ensure excellence in quality and meticulous attention to detail.

Multi-Disciplinary
Experience



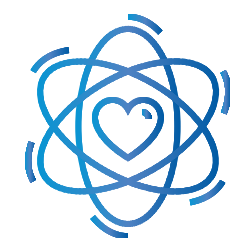
We are an established organization with 50+ process, integrity, and materials engineers guided by a supportive, innovative, and reputable leadership team.

Unique and
Technical
Perspective to
Problem-Solving



We leverage our deep expertise and technical knowledge to evaluate, design and implement solutions to complex challenges utilizing systematic analysis and a data-driven approach.

Integrity is in
our DNA



We serve our community through expert engineering and business solutions rooted in honesty, respect, and a strong sense of ethical values.