



We're Hiring

To serve the best and brightest, we want to work with the best and brightest.

Cognascents is always looking for seasoned, proven, and effective leaders to join our network of Cognascents Process Engineering, Process Safety, and Environmental Professionals.

We are currently interested in industry experts with:

- 5-7 years of experience performing pressure relief analysis (PRA); and
- 5-7 years of experience facilitating process hazard analyses (PHAs).

[Email us](#) with your résumé, if you are ready to join the team. Domestic travel is required for all positions as we serve clients across the United States. International travel may also be necessary as many of our clients have assets overseas.

The Integrity Blog

Choose to See the Good

I keep hearing and reading how pessimistic and apathetic we are as a society. I have really started paying attention to what I see and hear through media, family, and friends. Sometimes we don't realize when our thoughts, words, and actions turn toxic. It is a full-time job to keep the toxicity at bay and away from my family and my personal space.

Continue reading the [Cognascents' blog](#) to see how you can be a lighthouse.

It is HOT outside!

An important part of Process Safety Information (PSI) is verifying that your Process and Instrumentation Diagrams (P&IDs), Electrical Area Classification (EACs), and

Welcome to the Team

Cognascents would like to welcome Karla Ruiz to our team!

Karla was born and raised in Peru. She studied there until 2008, at which time she was

Incomplete PSI?

A pressure relief device is the last layer of defense in chemical plants, refineries, and upstream facilities. Documentation of relief system design is required by OSHA to ensure safe plant operation.

Facility Sitings are current and accurate.

This task often requires field work which may or may not always fall upon an ideal time of year as far as temperature is concerned.

Keeping safe in the field during extreme heat can make all the difference in going home at the end of the day.

Read more to learn the signs of heat related illness and how to make sure you stay safe performing field walk downs during the summer months.

offered a scholarship at Texas A&M to receive her Masters in chemical engineering. She studied at the Mary Kay O'Connor Process Safety Center where she learned not only the importance of process safety but the idea that her knowledge should be shared.

She comes to Cognascents with multiple areas of experience. She was most recently employed at Shell Projects & Technology Group where she was a senior process engineer consultant.

Karla and her husband, Gerard, were married in December of 2016 and are expecting their first baby in December.

Please join us in welcoming Karla!

Before you begin the Pressure Relief Analysis (PRA) design or revalidation, gather all relevant process and equipment information.

Good documentation will help engineers to eliminate unnecessary risk during relief valve sizing; however, many facilities may not have complete and up-to-date PSI. Incomplete and out-of-date information can be confusing, put a facility at risk of citation, and create nuisance rework.

Sound familiar? See **our suggestions** for working around gaps in your PSI when sizing relief valves.

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