



The Technical Toolkit: What is RAGAGEP, and How Does it Affect Your Plant?

Due to an incident at a fertilizer facility in West, Texas, which caused 15 fatalities in 2013, Executive Order 13650 Improving Chemical Facility Safety and Security was issued.

In response to this Executive Order, OSHA has made updates to the PSM standards. The most recent of these updates came when OSHA issued another update on their definition of RAGAGEP and how they propose RAGAGEP will be enforced.

In this update, OSHA gives the following examples of RAGAGEP sources:

- Widely adopted codes (i.e. NFPA)
- Consensus documents (i.e. American National Standards Institute's [ANSI] Essential Requirements document)
- Non-consensus documents (i.e. Manufacturer's manuals and recommendations)
- Internal standards

On top of clarifying sources of RAGAGEP, OSHA provides descriptions of the following:

- "Shall" and "Should" in RAGAGEP
- "Normative" and "Informative" Requirements in RAGAGEP
- Enforcement Considerations

Cognascents Integrity Blog

A Little Extra Makes a Team Great

It was the top of the 7th inning and the Rangers held a two-run lead with two outs and the Pirates lead-off batter at the plate. One more out and the Rangers would cap their season with a Bronco championship. One more out and their grit-filled journey would end with a victory – a bittersweet victory of sorts.

Why bittersweet? Because this Ranger team was different than others. This team had something a little extra. And it was that little extra that elevated them from ordinary to extraordinary. Maybe extraordinary is a little strong for a Little League baseball team, but it was an

exceptional team.

[Click here to see the memorandum.](#)

[Read Cognascent's full blog here.](#)

A Cognascent's Whitepaper

Meticulous verification provides the perpetual assurance of integrity for an organization's dynamic process safety management program. Meticulous verification specifically calls for collaboration between companies and third-party entities to ensure comprehensive and ongoing assessment of process safety management's effectiveness.

The target audience for this paper is anyone whose responsibilities include (1) leading within an organization required to comply with OSHA 1910.119, (2) establishing effective HAZOP and LOPA guidance documents, (3) developing high-integrity meticulous verification protocols and checklists, and (4) performing meticulous verification tasks such as technical assurance reviews.

[Assessing Meticulous Verification Effectiveness Utilizing HAZOP and LOPA](#)

Job Posting

Cognascent's is searching for a Relief Systems Delivery Manager!

At Cognascent's the primary function of a Relief Systems Delivery Manager would be to oversee all aspects of relief systems design focused projects from conception to final closeout. The manager would be responsible for supervising 5 to 10 engineers with their development of overpressure scenarios, calculation of required relief rates, sizing of associated relief devices, and effluent systems evaluation by utilizing previous experience in depressurization blowdown simulations, consequence modeling, assessment of layers of protection, and process simulation software like Aspen HYSYS, Aspen Plus, and Pro II.

For more information on this job opening visit [our website](#) or contact us directly by emailing [John Perez](#).

Process Safety Coin

The 2016 Process Safety Coin is in!

Share your process safety story with [us today](#) and we will send you the 2016 Process Safety Challenge Coin.

The Process Safety Coin can serve as a reminder of your commitment to the process safety community and to SERVE IT FORWARD.



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