



Trinity Consultants is a leading global environmental consulting firm that brings 50 years of experience providing services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Trinity has the technical expertise, industry depth, and specialized capabilities to help clients achieve their goals across the natural and built environments.

Our experts facilitate Process Hazard Analyses (PHAs) for many oil and gas processing technologies, as well as specialized chemical processes unique to our clients. The quality and comprehensiveness of each risk study drives many other aspects of an overall Process Safety Management (PSM) program – our facilitators perform every study with this in mind.

For years, our team of dedicated facilitators has completed hundreds of PHAs, Layers of Protection Analysis (LOPA), and other hazard evaluation studies. Trinity's Process Safety team has worked with some of the largest companies in the petrochemical industry.

Additionally, we are well-versed in how to apply PHAs to the life-cycle stage of a plant – including design, startup, projects, initial unit PHAs, unit revalidations, and decommissioning studies.

PHA & Risk Assessment Services

- Preparatory Services
- Remote and Co-Located Facilitation and Scribing
- Reporting
- Training
- Revalidation Services
- Action Item Resolution
- QA/QC Services

PHA Techniques

- Hazard and Operability Studies (HAZOP)
- Layers of Protection Analysis (LOPA)
- Failure Mode and Effects Analysis (FMEA)
- What-If Studies
- Project PHAs
- QA/QC Services

Software Expertise

PHA Central™ by Trinity's Process Safety Team

PHA Central™ is a revolutionary software solution that allows companies to leverage the knowledge and value of their PHA data for better investment in risk mitigation and more consistent risk analysis.

Trinity's Process Safety team has extensive experience in multiple commercial software applications including:

- PHA-Pro®
- PHAWorks®
- PHA Leader™
- Client-specific Spreadsheet and Custom Database Applications

Trinity's Process Safety team does not have a vested interest in any particular PHA software program, allowing us to help clients select the most appropriate and cost effective tool for their study.

ISO 9001:2015 certified at our corporate office in Dallas, Texas

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CONTACT OUR TEAM!

For more information about how we can help your organization, please contact us.

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