



PHA-Pro

Expert Guidance for Process Hazard Analysis



PHA-Pro, the world's leading PHA and HAZOP software, assists organizations with the implementation of risk studies easily and thoroughly, resulting in a more responsive and efficient business process.



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PHA-Pro, Dyadem's industry-leading software, is the most time-efficient and cost-effective Process Hazard Analysis tool on the market, delivering a substantial return on your investment and adding tremendous value to your company. Used in process industries such as oil and gas, chemicals, and pharmaceuticals, PHA-Pro will improve your bottom line by optimizing work time, minimizing work stoppages, and reducing the potential for undesirable events.

Challenges of Process Hazard Analysis

Incidents can result in work time lost due to injuries, capital and production losses, market share loss, environmental damage, loss of credibility with the surrounding community, commercial embarrassment and loss of company reputation as well as possible litigation. Process and other regulated industries need to be making every effort to meet regulations and reduce process risks by performing Process Hazard Analysis studies. Today's rapidly evolving and more complex process industry is under increasing strain as organizations must abide by stringent safety and environmental regulatory requirements and simultaneously drive business revenues, increase efficiencies and

decrease costs. As a result, corporations are building infrastructures with software applications for their risk management programs to administer Process Hazards Analyses, Layers of Protection Analyses, and Quantitative Risk Assessments.

Why PHA-Pro?

PHA-Pro™ offers a user-friendly, reliable, flexible, and knowledge-based solution that has evolved through extensive commercial use over the last decade to meet the requirements of some of the world's largest companies. It is a proven technology, with preformatted industry standard PHA templates and libraries, and a myriad of features that are user-friendly and intuitive. PHA-Pro promotes knowledge capital by ensuring that your engineering expertise is retained and reusable for future studies. Now your teams can spend their time identifying and correcting problems rather than focusing on administrative work.

Knowledge Base – Achieve More Rigorous Studies

PHA-Pro comes equipped with the most comprehensive professional libraries available, including over 2500 checklist items to make your studies more complete. PHA-Pro helps you build on your previous studies to avoid wasting time and resources, allowing you to reuse past studies to retain valuable corporate knowledge and intellectual property, including past incidents. In addition, it enables organizations to seamlessly manage different types of PHA studies from a centralized location ensuring consistency between departments and facilities.

Flexible and User Friendly

PHA-Pro has an open structure allowing you to customize templates to your company's specific guidelines and organizational needs, ensuring consistency and adherence to corporate standards. The software allows you to customize worksheets and forms of your existing templates, as well as build new templates enabling you to adapt to a variety of safety and reliability methodologies. Image functionality allows you to attach images to cells, providing enhanced understanding of studies through visualization. Expert guidance built into the template design ensures uniformity of risk studies and that projects are completed in a timely manner, without liability gaps. Costly errors due to onerous and cumbersome documentation are now a thing of the past.

Data Management and Transparency

PHA-Pro's data linking features reduce the amount of time and effort required to finish a study and fulfill the recommendations, and increases consistency across your studies by automatically replicating data in the appropriate areas. Data mirroring permits you to link data selectively to avoid duplication of work and ensures that your studies are updated when changes are made in the future. PHA-Pro's sophisticated List of

Reference feature creates an unrepeatable list of recommendations and links them back into the study, allowing you to record and track progress, and navigate quickly through the studies. Advanced features for professional reporting, preformatted print reports, and the auditing tools available in PHA-Pro give your organization exceptional visibility into your process operations. Filtered reports according to specified requirements allow you to share your information in a variety of formats for easy and controlled access by both internal and external customers, while still maintaining security through double authentication features and document control management.

Regulatory Compliance

PHA-Pro is designed to help your organization put corporate-wide risk policies and programs into place and aid in the adoption of standards and regulations such as:

- OSHA 1910.119
- EPA Risk Management Program,
- Seveso II Directive
- Control of Major Accident Hazards (COMAH)
- IEC 61511
- ANSI/ISA S84.00.01-2004
- And more...

PHA-Pro has preformatted industry standard templates for:

- Hazard and Operability – HAZOP
- What If / Checklist
- Preliminary Hazard Analysis – PrHA
- Layer of Protection Analysis – LOPA
- Target Safety Integrity Levels Assignment – SIL
- Hazard Analysis and Critical Control Points – HACCP
- And more...

For more information visit www.dyadem.com

Founded in 1993, Dyadem is the market leader in Quality Lifecycle Management and Risk Lifecycle Management solutions. Dyadem provides software and services that empower companies to manage quality, mitigate risks, achieve regulatory compliance, plan for business continuity and improve profitability. Dyadem works with 85% of the Fortune 500 companies and serves the high tech and electronics, medical devices, oil and gas, chemical, automotive, pharmaceutical and aerospace and defense industries.

Combining deep industry and business process expertise with industry-leading software solutions, Dyadem is able to provide a wide scope of quality and risk solutions. Our Quality Lifecycle Management solutions enable companies to improve profitability by developing and delivering high value, reliable products faster and at less cost than the competition. Our Risk Lifecycle Management solutions ensure employee and environmental safety, regulatory compliance, loss prevention, business continuity and an overall reduction in the latent risks that permeate most process manufacturing facilities.



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