



High Hazard Unit Operation(s)

Do you have a unit operation in your organization that gives you pause? Aware of near misses? Are you seeing wide variations in risk analysis results and “**costly**” recommendations to reduce risk, that don’t feel right?

aeShield team is here to help!



Compliance Made Simple



Standards and Libraries

Create High Hazard Unit Operation **Templates**



Functional Safety Compliance

Reduce costs and drive consistency in SIF / IPL designs



Enterprise Risk Management

Digitally transform how your organization manages risk

Standardization of Design

On a typical installation our experts will complete:

- ▶ PHA / LOPA study
- ▶ SIL Calculations / IPL reliability modeling
- ▶ Protection Layer / Safety Requirements Specifications
- ▶ SIF / IPL List
- ▶ C&E containing all SIFs / IPLs
- ▶ Proof Test Plans
- ▶ Guidance Note on the high hazard unit operation risk management
- ▶ Training on how to apply the Guidance Note for internal / external staff

End User Benefits

- ▶ **Save manhours** and reduce costs while **driving consistency** on protection layers designs
- ▶ Leverage our **Expert System** to rapidly create process / functional safety deliverables
- ▶ Unit operation template will be delivered that can be rapidly instantiated
- ▶ Never pay to type data twice with our bulk data management capabilities
- ▶ Custom training “how to” complete process / functional safety deliverables specific to your high hazard unit operation