Quick Start Libary

Why spend time setting up and configuring software when aeSolutions knows standards?

Adding the Quick Start Library cuts your setup time and lets your team hit the ground running. Use the reliability data and SIF templates provided to be effective from day one.

What is a Quick Start Library?

With over 20 years of process safety lifecycle consulting experience, aeSolutions has developed an extensive library to help companies hit the ground running with aeShield®. The library supports the entire lifecycle and includes templates for Safety Integrity Level (SIL) Calculations, Safety Requirements Specification (SRS), and functional test plans. Using the aeShield® Quick Start Library as a springboard for development of your own project, site or even corporate library, users can quickly and efficiently begin executing work. This results in significant savings of both time and money compared to building it from scratch.

SIS Design and Maintenance Libraries

While the Quick Start Library contains equipment and reliability data to support Safety Instrumented System (SIS) design and maintenance activities, an even higher value can be focused in its templates. The library includes templates for commonly used Safety Instrumented Functions (SIFs) and other Non-SIF Independent Protection Layers (IPLs). Grouping SIFs and Non-SIF IPLs, user can create libraries of entire systems or Equipment Under Control (EUC) (i.e.- fired devices, compressor stations, etc.). Ask for a demo to see how quickly you can create compliance documentation in aeShield.

SIS Libraries & Templatization Includes:

- 8 Common SIF Designs
- Datasheets for SRS & SIL Calculations per SIF
- 5 Common Non-SIF IPLs
- Datasheet Requirements per IPL
- Cover Documents for SRS and SIL Calculations
- 6-Functional Test Plans
- 1-Sample EUC with a Cause & Effect Matrix
- Robust Failure Rate Library & Equipment Catalog
- Functional Safety Assessments (FSA) Checklist
- Safety Instrumented System (SIS) Audit Checklist

Are setup costs preventing you from using better tools?

PHA/LOPA Standard Library Includes:

With extensive experience facilitating Process Hazard Analyses (PHAs) and Layer of Protection Analyses (LOPAs), across the industry, there is very little that aeSolutions has not seen. Using that experience, aeSolutions has compiled what we consider to be the best in class standards for the following:

- Study roles, deviations, LOPA criteria, and other dropdown options
- Definitions and Recommended Credits
- Initiating Causes Types
- Safeguard Types
- PHA and LOPA Report Outline
- Checklists:
  - Relief Valve
  - Human Factors
  - Facility Siting
  - Hazard Identification (HAZID)

Data Migration

Migrating legacy data can become a painful road block to adopting new and more valuable tools. However it can also transform static data into meaningful health meter metrics. Not only does aeShield have the tooling to ease the pain, but we have the personnel. Just ask how we can save you money on migration of data.