ENGINEER -BMS Systems for boilers and ovens. -Upgrade of SIS and Control Systems. -Design, comparison and verification of SIFs.

Field Audits, Process Hazard Analysis, Preparation of SRS, Studies ATEX, I&C Engineering

TRAINING COURSES

- -Design of Safety Instrumented Functions and SIL calculation.
- -Engineering of the Control System.
- -Tailor-made courses on I & C



www.enertria.com www.plcdesign.xyz



Enertria

SILcet

Design of SIFs & SIL calculation

FunSafe

- -Excel tool based on IEC-61508
- -Calculation of PFDavg / MTTFS
- -Simple and complex architectures
- -Comparison of SIFs
- -Generation of reports (up to 35 SIFs)
- -Customizable on demand

Logic solver **Failure** Life Test rates (λ) Time Interval (LT) (TI) Mean Proof Failure Systematic Probability Time To Capability **Tests** Repair Coverage SIL (MTTR) (Cpt) Architectural Site PTD, Constraints Index PIF Common cause failures (β) **SILcet**