

Arc Flash Study.

Arc flash study is very crucial in power systems. An arc flash is a phenomenon where a flash-over of electric current leaves its intended path and travels through the air from one conductor to another, or to ground. The results are often violent and when a human is in close proximity to the arc flash, serious injury and even death can occur. Arc flash can be caused by many things including: Dust, Dropping tools, Accidental touching, Condensation, Material failure, Corrosion, Faulty Installation.

The factors to determine the severity of an arc flash injury are Proximity of the worker to the hazard, Temperature, fault current and Time for circuit to break. The main objective of an arc flash study is to identify and analyze high risk arc flash areas in your electrical power system with greater flexibility by simulating and evaluating various mitigation methods in arc flash study.



Study Includes :

- Arc Flash Analysis
- Single-Line Diagrams
- Short Circuit And Coordination Studies
- Arc Flash Labeling
- Mitigation Plan