

Process Risk Analysis (PRA)

The Process Risk Analysis (PRA), commonly called Preliminary Process Risk Analysis, is one of the most important elements of the Process Safety Management Program. The PRA will provide valuable information to help the company and persons involved in the process to make decisions to improve the level of safety. This training involves the evaluation of risks in facilities, people and environment through a systematic study in specific scenarios.

There are various methodologies to develop a study of PRA which involves different aspects and characteristics of the process to assess.

- ❖ HAZOP (Hazard and Operability Analysis)
- ❖ WHAT IF.
- ❖ CHECK LIST.
- ❖ AMEF.
- ❖ Fault Tree.
- ❖ Tree of Events.
- ❖ PHAST, ARCHIE AND ALOHA SCRI
- ❖ Vulnerability Analysis
- ❖ Consequences Analysis and Events Simulation
- ❖ Application Software.
- ❖ Courses and Seminars