

RISK & SAFETY SERVICES

CLASS SOLUTIONS FOR RISK MANAGEMENT & PROCESS SAFETY

We have the rich experience and capability to deliver to your needs with our inspiring range of cost effective and efficient process safety and risk management services. Invite us to help you deal with process hazards with our range of services as below:

HAZARD IDENTIFICATION (HAZID)

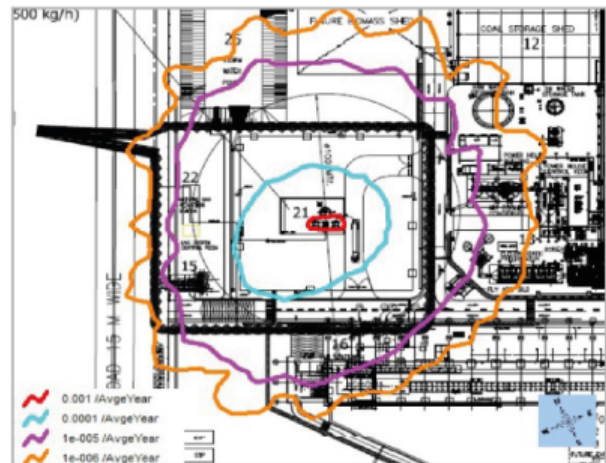
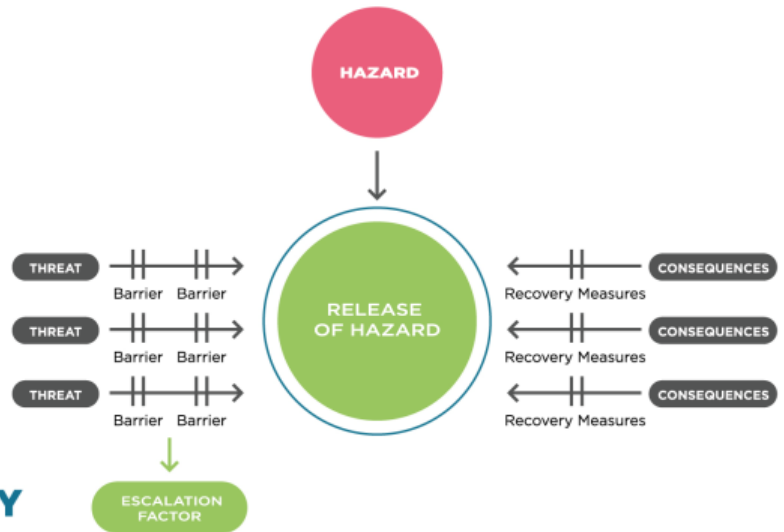
Hazard identification is a technique for the identification of all significant hazards associated with the particular activity under consideration.

QUANTITATIVE RISK ASSESSMENT (QRA)

QRA combines the hypothetical hazardous events and its frequency of occurrence to understand risk exposure to people and environment in terms of individual risk (IR) and societal risk (FN curve).

CONSEQUENCE ANALYSIS

Consequence modeling involves quantification of the probability of accidental toxic, fire and explosion events and their consequences. For toxic releases, effects on people are evaluated.



HAZARD AND OPERABILITY STUDY (HAZOP)

HAZOP is a systematic approach to identify hazards and operability problems occurring as a result of deviations from the intended range of process conditions.

SAFETY INTEGRITY LEVEL (SIL)

SIL is a measurement of performance required for a safety instrumented function (SIF) or probability of failure on demand (PFD) for a SIF.

WHY IRCLASS

IRCLASS Systems & Solutions Pvt. Ltd. (ISSPL), promoted by Indian Register of Shipping, an International Ship Classification Society, is a leading Inspection Services provider since 1980 to various market sectors like Oil & Gas, Ports, Power, Process, Engineering, Infrastructure, Buildings (Public & Industrial), Railways, Defense etc. ISSPL is recognized for its technical competency and experience for more than 4 decades.

ISSPL - Industrial Services helps clients with its comprehensive range of services towards Quality, Reliability & Safety during whole life cycle of the asset (CAPEX & OPEX) from Planning, Designing, Procurement, Manufacturing, Construction, Testing, Commissioning and Operation.



PROCESS SAFETY MANAGEMENT (PSM)

Process Safety Management is a regulatory requirement for process industries. PSM programs protect people and environment.

OUR ESTEEMED CLIENTELE

- GE India Industrial Pvt. Ltd.
- Deutsche Bank
- Vedanta Limited
- ThinkGas Distribution Pvt. Ltd.
- Sterlite Power Grid Ventures Ltd
- Hindustan Construction Company
- Mumbai Port Trust
- New Mangalore Port Trust
- SBI Life Insurance Limited
- Hindalco Industries Ltd.
- Grasim Industries Ltd.
- Petronet LNG Ltd.
- Sterlite Power
- Chennai Port Trust
- Mahindra Logistics Limited
- Oil & Natural Gas Corporation
- Indian Oil Corporation Ltd
- Hindustan Petroleum Corporation Ltd
- Visakhapatnam Port Trust
- Godrej Properties

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