

# QUANTITATIVE RISK ANALYSIS (QRA)

## How can Quantitative Risk Analysis help you?

Quantitative Risk Analysis increases your facility's safety level, by identifying all major accidents and defining prevention and mitigation measures

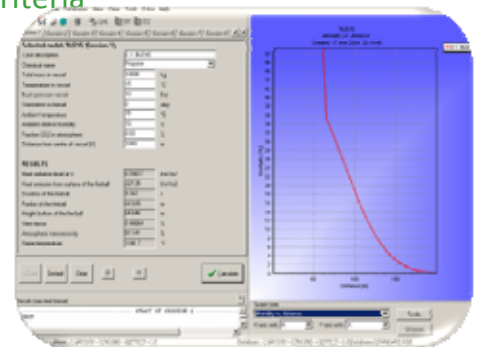
The methodology applied by INERCO is internationally recognized and is based on the identification of the major hazards, quantification of the overall risk, definition and optimization of the risk reduction measures. This methodology is implemented to support the decision making process with acceptable risk criteria

## Key benefits

- Minimize economic loss
- Reduction of risk level and ensure proper safety levels
- Efficient safety investment based on risk analysis decision
- Onsite and offsite risks contours are estimated and compared to legal thresholds
- Demonstrate that risks are As Low As Reasonably Practicable (ALARP) and properly manage
- Compliance with insurance and legal requirements

## Why INERCO?

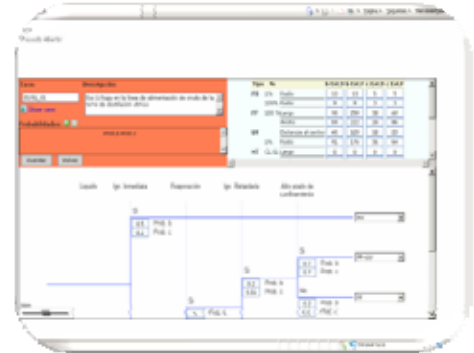
- Wide experience and technical capacity for custom-made services
- Integral solutions in engineering, environment, occupational health and safety
- Accurate knowledge of the industry
- Independence, quality, accuracy and reliability



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## Our solutions

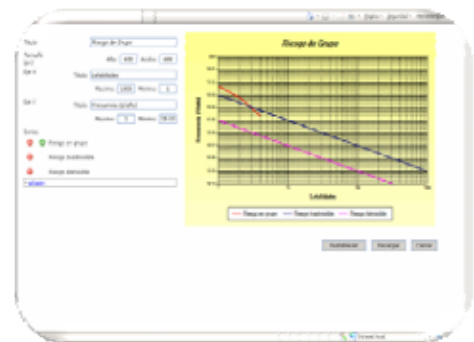
- Quantitative Risk Assessment
- Fire Hazard Analysis (FHA)
- Consequences Modeling and Analysis
- Fault Tree Analysis (FTA)
- Importance Analysis
- Uncertainty Analysis



## Our capabilities and experience

INERCO has a wide experience in Risk Analysis. Over the past 30 years INERCO has built many long lasting relationships due to the high quality services and expertise we provide for the industry. INERCO's staff has performed more than 500 references in Quantitative Risk Analysis for many different types of facilities and processes in more than 20 different countries, for the following sectors:

- Oil&Gas
- Chemical
- Energy
- Mining
- Engineering companies
- Official Bodies



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