

2141

Introduction to Quantitative Risk Assessment: Compliance, Safety, & Cost Savings

1-Day Course

Program Content:

QRA (Quantative Risk Assessment) can be a complex field even for seasoned professionals. This one-day course intends to inform attendees about the fundamentals of a QRA from a project and HSE managers' perspective.

LEARNING OBJECTIVES

This course is a survey of the concepts of QRA. It will cover the key aspects of the QRA process from scope development to results interpretation for both onshore and offshore studies.

Upon completion of this course, you will:

- know how to use QRA to achieve regulatory compliance & optimize safety for your project and/or operation
- understand the Application of QRA in LNG, Refineries, Petrochemicals, Facility Siting and Upstream projects,
- learn main steps of a QRA study, from data collection to assumptions review in alignment with U.S. Regulations
- have a broad understanding of a typical QRA study process and interpretation of risk results,

Who Should Attend?

Anyone who interfaces with safety studies (e.g. Project / HSE managers, design engineers, procurement personnel)

0.7
CEUs

7
PDHs