



Training Programme

QUANTITATIVE RISK ASSESSMENT IN INDUSTRY (QRA)

The quantitative risk assessment (QRA) training content covers a comprehensive range of topics essential for understanding and applying risk assessment methodologies in hazardous installations and also in preparation of EIA Reports. The training content includes:

- Introduction to Risk Assessment: Overview of risk assessment concepts, importance, and its application in hazardous installations.
- Hazard Identification: Techniques to identify potential hazards and initiating events that may lead to accidents.
- Consequence Analysis: Methods to assess the impacts and consequences of identified hazards on people, property, and the environment.
- Probability Assessment: Quantifying the likelihood of hazardous events through historical data, expert judgement, and statistical analysis.
- Risk Calculation: Combining consequence and probability assessments to quantify the overall risk associated with the installation.
- Event Tree Analysis: Building event trees to analyze potential accident sequences and their outcomes.
- Fault Tree Analysis: Constructing fault trees to identify the root causes of hazardous events.
- Risk Communication: Strategies for effectively communicating risk information to stakeholders and the public.
- Case Studies: Real-life examples

The training content ensures participants gain a thorough understanding of QRA principles and the ability to perform accurate and reliable risk assessments for hazardous installations.

Speaker

Mr. Bhaskar is an accomplished environmental engineer with a Master's Degree from IIT Kanpur, India. With over 25 years of experience, he has showcased expertise in environmental and sustainability strategies, executing 250+ consulting projects globally. Bhaskar is skilled in ISO 45001:2018, promoting workplace safety and health management systems. Bhaskar is also a NABET accredited Risk and Hazard expert and addressed several fire and chemical hazard risk assessment and mitigation programs in several EIA studies. Bhaskar believes in rigorous analysis of social issues, such as public health hazards, economic disparities, and community vulnerabilities under the QRA process. His strengths include ESG risk mapping and developing ESG roadmaps for industries. As an educator, he has conducted 500+ hours of webinars and training sessions on sustainability, and ESG frameworks. Bhaskar's commitment to sustainability has driven positive change among the industries.



Registration Details: <https://forms.gle/C4jWwbUpQ8YdckqQ8>

Date: 23rd September 2023

Time: 10:30 am -2.00 pm

FEE: for REIAI Members Rs.1770/- per person (Including GST)

And For Non Members Rs 2360/- per person (Including GST)

Last Date for Registration 20th September 2023

Payments may be remitted to Bank Details:

Bank Account No: 916020004933764

Name of account Holder : Recycling and Environment Industry Association of India

Bank Name & Address : Axis Bank & Lajpat Nagar, B-6, Lajpat Nagar- II, New Delhi, Delhi- 110024

IFSC code: UTIB0000126

For more information

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