

SYNERGEN^{OG}

safer and **connected**

Quantitative Risk Assessment (QRA)



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Quantitative Risk Assessment

WHAT THIS COURSE DELIVERS

This course is tailor made for anyone with strong interest to gain a thorough understanding of the different aspects of Quantitative Risk Assessment (QRA) to allow the learner to assess and evaluate the risk arising from all foreseeable Major Accident Hazard (MAH) identified within a facility. SOG's **QRA Training** course examines the following five (5) critical aspects:

- Hazard Identification (HAZID);
- Fire and Explosion Assessment (consequence modelling & frequency assessment);
- Non-Hydrocarbon Hazard Analysis (NHHA);
- Quantitative Risk Assessment (QRA); and
- Risk Reduction through ALARP principle.

The content is learner-centred with high interconnectedness between learners and instructors. The course designed is structured and guided with clear expectations, coupled with knowledge validation aligned with outcome.