

SYNERGEN^{OG}

safer and **connected**

HAZOP



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HAZOP

With the ever increasing complexity of industrial processes, it is more important than ever to have effective solutions for determining hazards, increasing plant safety and reliability, and reduce maintenance costs. Hazard and Operability (HAZOP) is a systematic approach used to examine the consequential effects on the system, equipment and facility as a whole in the event of a potential deviation from the intended process design and operation.

The effectiveness of the HAZOP approach is highly dependent upon the expertise of the personnel involved in the HAZOP review. This course will give learners an overview of the HAZOP methodology process, key roles expected of the participants as well as commonly employed reporting methods. The content within this course is learner-centric, with emphasis on practical knowledge sharing by experienced instructors who have facilitated numerous HAZOP workshops.

Upon completion of the training, learners will be able to:

- Understand the benefits of conducting HAZOP and the situations in which it can be most relevant;
- Familiarize themselves with the typical methodology employed during HAZOP;
- Recognize the role which they play as individuals within the HAZOP process in order to maximize its effectiveness; and
- Conduct reporting on HAZOP studies.