

HAZOP Study & Risk Analysis for HSE Specialists

Course Contents

The course is designed for engineers who have already participated in HAZOP studies and wish to increase their proficiency. It is also suitable for those new to HAZOP who are quick to learn. The course material is configured for the type of facilities used in the oil & gas industry - automated continuous processes, and is led by a tutor with considerable HAZOP experience in offshore and onshore facilities in the oil & gas industry. The course covers all the activities involved in HAZOP, and examines the contribution and limitations of HAZOP study in relation to other techniques used in hazard identification and risk management.

After consolidating basic HAZOP knowledge, the delegates will receive tuition and practical guidance in various HAZOP techniques and meeting leadership skills. These will be developed through hands-on experience during a realistic syndicate exercise under the supervision of an experienced tutor. In fact, approximately 50% of the course comprises tutored exercises.

In this course, learners will embark on a journey through five key elements which are thoroughly crafted and mastery in HAZOP methodologies,

ELEMENTS	TOPIC
ELEMENT 1	INTRODUCTION TO HAZOP
ELEMENT 2	RISK IDENTIFICATION – LIFE CYCLE STAGES
ELEMENT 3	HAZOP STUDY TEAM
ELEMENT 4	HAZOP TERMS
ELEMENT 5	HAZOP METHODOLOGY & HAZOP EXAMPLE

