



## **System Safety Management and Assurance**

### **Description:**

System Safety Management is a discipline which considers all aspects of a system from a safety perspective. It is utilised to provide project safety assurance using formal safety assessment methods to provide confidence that a system is acceptably safe to operate in its defined environment.

This course provides delegates with an understanding of the MoD's System Safety Assurance requirements in accordance with Def Stan 00-56, the preferred methodology of Project Oriented Safety Management System (POSMS) and the associated Project Oriented Environmental Management System (POEMS). The course provides an overview of the system safety life cycle and focuses on the principles of safety management from initial planning to final deliverables. It includes a description of the processes and tools available, the development of a structured argument and the provision of suitable evidence to achieve acceptance of the system safety case.

### **Aim:**

To provide an understanding of the MoD's project safety requirements and how to achieve them.

### **Duration:**

2 Days.

### **Pre-Requisites:**

None.

### **Designed For:**

Managers, Safety Engineers and Project Staff with little or no knowledge of the MoD System Safety Assurance requirements.

### **Course Content:**

The course covers the following topics:

- The concept and purpose of a Safety Case
- The need for a structured and systematic safety process
- The definitions of basic concepts and terminology
- Safety Management Principles & Systems
- Typical safety lifecycles
- Safety Processes and Tools
- Legislative requirements