

UGA049

Gas Technology - Responsible Person (Gas) - Ministry of Defence (MOD)

Duration	5 days
Target group	This course has been developed to support personnel involved with the management of MOD gas networks.
Prerequisites	There are no prerequisites for this course.
Objective	<ul style="list-style-type: none">• Development of employees who can demonstrate an ability to contribute to the Management and safe execution of Gas Network Operations.
Contents	<ul style="list-style-type: none">• UK Gas Legislation, Standards, Codes and Procedures. The development and application of the MOD Exemplar Gas Network Safety Case.• Gas Properties - Relative Density, Calorific Value, Wobbe Number, Limits of Flammability.• The application of network analysis to evaluate the ability of existing MOD networks to comply with the requirements of the Gas Safety (Management) Regulations.• Design procedures for replacement and maintenance of network components.• Properties of materials utilised in network construction PE 80, PE 100 and Steel, Network Construction, Jointing and Under Pressure Connections. Connections of Mains and Services.• Testing for Soundness, Purging and Commissioning. Application of SCO procedures to construction activities.• Pressure Control, Pressure Management, Leakage Control, Condition Monitoring and Network Maintenance.• Gas Meters, Domestic, Industrial and Commercial Installations.• Liquefied Petroleum Gas – LPG Storage, Installations, Hazards.• MOD Gas Safety Management Plans and Emergency Procedures.
Exam	The theoretical aspects of the course are delivered in-classroom, with practical appreciation carried out in workshop. Course assessment is provided through completion of open book assignments based on workplace scenarios.