



Defence
Infrastructure
Organisation

DIO POLICY INSTRUCTION

Subject: GAS SAFETY COMPLIANCE

Number: PI 2015/06

DIO Sponsor: Bryan Dunn

Date of issue: 7 Oct 2015

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Who should read this: All Mod staff and contractors who are involved with the management and maintenance of the gas network infrastructure and implementation of the MOD Gas Safety Case on the MOD estate.

When it takes effect: Immediately

When it is due to expire: when updated or rescinded

Health and Safety

Equality And Diversity Impact Assessment

This policy has been Equality and Diversity Impact Assessed in accordance with the Department's Equality and Diversity Impact Assessment Tool against:

Part 1 Assessment Only (no diversity impact found)

Introduction

1. This Policy Instruction (PI) announces the publication of a suite of documents relating to Gas Safety Compliance within the MOD estate. The documents included within this PI seek to assist MOD and Maintenance Management Organisations (MMO's) in ensuring that gas networks and other gas infrastructure within the MOD estate are managed, operated and maintained in accordance with relevant legislation. The documents are listed below:

- a. Gas Safety Case Version 7.1
- b. Gas Safety Management Plan Section A
- c. Gas Safety Management Plan Section B
- d. Gas Safety Management Plan Section C
- e. Practitioner Guide 2015/01 - Inspection, Maintenance & Testing of MOD Gas Network Plant and Equipment
- f. Gas Network Competency Framework
- g. Gas Network Training Requirements

2. This Policy Instruction, which becomes effective immediately, supersedes Policy Instruction 04/13

Aims of Documents Included within this PI

3. The purpose and requirements of each of these documents are as follows:

Gas Safety Case

4. MOD, as a Gas Transporter within Great Britain, has submitted this Exemplar Safety Case to demonstrate compliance with the Gas Safety (Management) Regulations 1996 (GS(M)R). MMO's are engaged who have the overall contractual responsibility to operate and maintain the gas network assets under their Contract, including the management of the safe flow of gas within the system and the provision of an emergency service, have assisted in the preparation of this document. The MOD delegate specific duties to MMO but retain accountability as Duty Holder under GS(M)R.

5. The Safety Case considers all parts of the MOD Estates gas supply system that forms part of the gas supply network. This includes all parts of the MOD Estates network from the outlet of the External Gas Distribution Network (EGDN) connection point to the emergency control valve (ECV) of individual consumers. The Safety Case considers primarily those matters that relate to the management of the safe flow of gas within the system and the provision of an emergency service.

Gas Safety Management Plan (Section B and Section C)

6. The Gas Safety Management Plan is a site specific document which records the details of gas infrastructure present at each relevant location as well as the specific arrangements required to be implemented in order to ensure the safe operation and management of such gas infrastructure.

7. GSMP (Section A), what has previously been implemented, relates to the provision of adequate arrangements for compliance with the Gas Safety Installation and Use Regulations in relation to gas infrastructure and appliances downstream of each Emergency Control Valve (ECV). GSMP (Section A) is relevant to all locations with gas infrastructure.

8. GSMP (Section B) relates to the provision of adequate arrangements for compliance with the Gas Safety (Management) Regulations in relation to natural gas network infrastructure from the outlet of the External Gas Network Operators Pressure Regulator/Metering installation up to and including each ECV. GSMP (Section B) is relevant to all MOD owned natural gas networks. Following an appropriate network survey and data collection exercise, the GSMP (Section B) template should be populated with site specific information relating to each relevant natural gas network.

9. GSMP (Section C) relates to the provision of adequate arrangements for compliance with the Health and Safety at Work etc Act 1974, Management of Health and Safety at Work Regulations 1999, and Pipelines Safety Regulations 1996, in relation to LPG network infrastructure from the outlet of the Gas Suppliers First Stage Regulator installation up to and including each ECV. Following an appropriate network survey and data collection exercise, the GSMP (Section C) template should be populated with site specific information relating to each relevant LPG network.

Practitioner Guide 2015/01 - Inspection, Maintenance & Testing of MOD Gas Network Plant and Equipment

10. This Practitioner Guide sets the Ministry of Defence (MOD) Standard for the inspection, maintenance and testing of gas network plant and equipment on MOD establishments for which MOD are responsible. This document provides procedural guidance on the maintenance, inspection and testing of gas network plant and equipment installed on MOD estate. It is not a technical guide on the practical aspects of maintenance, inspection and testing of such network equipment, which is left to the professional skills and judgement of Competent Person(s) undertaking the work.

Gas Network Competency Framework

11. This Gas Network Competency Framework follows the recommended practice established by the Institution of Gas Engineers and Managers (IGEM) in their document IGEM/TD/102 – Competence Framework. The Competency Framework seeks to provide a means for MOD to determine the competency requirements for gas safety related roles within the MOD estate and to provide a mechanism to assess the level of competence of individual employees. A competency matrix has been developed for the current gas-specific roles within the MOD, which include:

- DIO SME (Gas)
- Gas Safety Manager (GSM)
- Responsible Person (Gas)

Gas Network Training Requirements

12. The document entitled Gas Network Training Requirements details the training and qualifications likely to be required by DIO SME (Gas), Gas Safety Manager (GSM) and Responsible Person (Gas) in order to adequately demonstrate the level of competence required by their role. The necessary training may include topics such as:

- Safety, Health and Environment Awareness
- MOD gas network appreciation
- Safe Control of Operations
- Appreciation of Pressure Reducing Installations

13. These training requirements are structured so that all training and competency assessment undertaken should fully integrate with the requirements for registration of operatives with Energy and Utility Skills Register (EUSR).

14. The DIO Practitioner Guide 2015/01, the Gas Safety Case and Gas Safety Management Plan documentation can be found on the DIO Intranet.