



**Defence
Infrastructure
Organisation**

**Gas Safety Management Plan
(Section A)**

Crownhill ACF

11/04/2025

**Produced to meet the requirements of the Gas Safety
(Installation and Use) Regulations 1998**

ESTABLISHMENT KEY PERSONALITIES (GAS) CONTACTS

Role	Name	Tel No.	Email
Head of Establishment	Neville Holmes MBE	01823 217930 or 07850 655017	wx-ce@rfca.mod.uk
Establishment's SHEF	Lee S Davis	01392 256251 (Option 3)	wx-dev-cqm@rfca.org.uk
Establishments 4C's Coordinator	Scott Henshaw	01752 261525	wx-dev-bcoy@rfca.org.uk
Senior DIO Estate Representative or Equivalent	Mark Cubitt	07955 280440	wx-est-hd@rfca.mod.uk
Site DIO Estate Representative or Equivalent	Kelvin Walker	07508 130359	wx-est-mgr2@rfca.mod.uk
MMO Site Manager or equivalent	Scott Henshaw	01752 261525	wx-dev-bcoy@rfca.org.uk
Gas Safety Manager (GSM)	Justin Westcott	07793222820	Justin.Westcott@vivodefence.com
Gas Responsible Person (GRP)	Wayne Ashford	07483 929760	wayne.ashford1@vivodefence.com

The Content of this Gas Safety Management Plan (GSMP) have been Approved by the Gas Safety Manager:

Signature: JP Westcott

Date: 11/04/2025

Authorisation for Implementation

The content and format of this GSMP has been agreed and authorised for implementation by Defence Infrastructure Organisation Technical Services Principal Gas Engineer (DIO TS PGE) and a unique reference number has been generated to support this.

Approved – J Obbard PGE – 08 December 2023

The Content of this GSMP have been agreed by the Senior DIO Estate Representative or Equivalent and future works following the findings will be supported:

Signature: M Cubitt

Date: 02/05/2025

The content of this GSMP have been agreed by the Head of Establishment and future works following the findings will be supported

Signature: N Holmes

Date: 02/05/2025

[illegible]

[illegible]

FORWARD

MOD, as a gas conveyor within Great Britain, has submitted an Exemplar Gas Safety Case (MOD GSC) to demonstrate compliance with the Gas Safety (Management) Regulations 1996 (GS(M)R). Maintenance Management Organisations (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. The MOD delegate specific duties to the MMO but accountability for gas safety on each site rests with the Head of Establishment.

Whilst gas downstream of the Emergency Control Valve (ECV) fall outside of the scope of (GS(M)R) similar criteria as those referred to above must be accommodated within an appropriate management system. The specific criteria required to adequately manage gas infrastructure downstream of the ECV are described in the Gas Safety (Installation and Use) Regulations 1998 (GS(IU)R).

The MOD GSC 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 gas network from the Bulk Primary Meter Installation to the individual gas appliances and the safe release of the products of combustion. The MOD GSC 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 for all aspects of the gas system.

Following initial approval of the Gas Safety Management Plans (GSMPs) by the DIO Principal Gas Engineer (PGE), the Gas Safety Manager (GSM) is required to reapprove this GSMP annually. GSMPs must be submitted to DIO PGE every three years for authorisation.

GSMP Section A document contains site specific details of the establishments utilisation infrastructure to assist with measures to ensure compliance with the GS(IU)R for installation pipework and associated components.

GSMP Section B documents contain site specific details and arrangements as a direct annex to the MOD GSC in line with the Gas Safety (Management) Regulations 1996 (GS(M)R).

GSMP Section C document contains site specific details and requirements of the establishment's LPG networks.

Although the legal status of this document applies in the UK only, the MOD apply the same requirements to the management of gas on its overseas estate, in accordance with the currently published Secretary of State's Health and Safety policy statement.

Contents

ESTABLISHMENT KEY PERSONALITIES (GAS) CONTACTS	II
REVIEWS AND AMMENDMENTS	III
FORWARD.....	V
1 THE DUTY HOLDER AND ESTABLISHMENT LEVEL KEY PERSONALITIES.....	1
1.1. GAS SAFETY CASE DUTY HOLDER.....	1
1.2. DIO TECHNICAL SERVICES PRINCIPAL GAS ENGINEER (PGE).....	1
1.3. ESTABLISHMENT PERSONALITIES.....	1
1.4. MAINTENANCE MANAGEMENT ORGANISATION (MMO).....	2
1.5. ADDITIONAL GAS CONTACTS.	3
2 SITE SPECIFIC DETAILS.....	4
2.1 SITE OVERVIEW.	4
2.2 NATURAL GAS.....	4
2.3 LPG GAS.	5
2.4 EXTERNAL INSTALLATION PIPEWORK.	5
2.5 DETAILS OF BUILDINGS SERVED.	5
2.6 ADDITIONAL DETAILS OF BUILDINGS BEING SERVED.....	5
3 METER DETAILS	6
3.1 PRIMARY METER DETAILS.....	6
3.2 UTILISATION METER DETAILS. (METERS SUPPLIED DIRECTLY FROM THE MOD GAS NETWORK)	6
4 DIAGRAMS AND DRAWINGS.....	7
4.1 LINE DIAGRAMS FOR BUILDING(S) INTERNAL GAS INSTALLATION PIPEWORK.....	7
4.2 ADDITIONAL DRAWINGS.	7
5 GAS INCIDENTS.....	8
5.1 SITE REPORTING PROCEDURES FOR DEALING WITH GAS INCIDENTS.....	8
6 GAS EQUIPMENT	9
6.1 EQUIPMENT LIST.....	9
6.2 ADDITIONAL EQUIPMENT INFORMATION.....	9
7 ANNEXES	10







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Crownhill ACF

Senior DIO representative or equivalent (This may be the SEFM, but will vary depending on the contract this establishment falls under)	Name: Mark Cubitt Position: Head of Estates Organisation: Wessex Reserve Forces' & Cadets' Association Address: Mount House Mount Street Taunton Somerset TA1 3QE 07955 280440 ☎: wx-est-hd@rfca.mod.uk ✉:
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1.4. Maintenance Management Organisation (MMO).

The MMO for this establishment is: VIVO	
Gas Emergency Helpdesk (Typically, MMO Helpdesk) (24 Hours) Note: Please do not contact the general public National Gas Emergency Service for suspected gas escapes on RFCA infrastructure.	Organisation: Vivo Helpdesk ☎: 0800 030 9320
Gas Safety Manager (GSM)	Name: Justin Westcott Organisation: VIVO Address: Bld 003 CTCRM Lympstone Nr Exmouth Devon EX8 5AR 07793 222820 ☎: Justin.Westcott@vivodefence.com ✉:
Gas Responsible Person (GRP)	Name: Wayne Ashford Organisation: VIVO Address: Building 147 Defence Munitions Ernesettle Lane Plymouth Devon PL5 2TX 07483 929760 ☎: Wayne.ashford1@vivodefence.com ✉:

1.5. Additional Gas Contacts.		
Gas Supplier	Organisation: Address:  :  :	Totalenergies Gas & Power 55-57 High Street Redhill Surrey RH1 1RX 01737 275 746 gp.redhill.ccs@totalenergies.com
LPG Supplier	Organisation: Address:  :  :	Not applicable - no bulk LPG on site.
Meter Asset Manager (MAM)	Organisation: Address:  :  :	Energy Assets Ltd 6 Almondvale Business Park Almondvale Way Livingston EH54 6GA 0800 001 4310 box.ngm.meteringdataenquiries@nationalgrid.com
National Gas Emergency Centre (24 Hours)	 :	0800 111 999

2 SITE SPECIFIC DETAILS

2.1 Site Overview.

A brief description of the establishment and its current use. This should include how many separate sites are present and the number of buildings being supplied by gas.

Crownhill ACF is a single site establishment with one building on site which is supplied by gas. This is supplied direct from the EGDN network and has a single stream MAM owned and operated gas meter and regulator.

This site is used by the Crownhill Detachment, B Company of the Devon ACF.

The main building is used as a drill hall, offices and stores and contains toilet and mess facilities.

The site is generally unmanned day to day and only opens for parades.

2.2 Natural Gas.

A brief description of the natural gas installations, including how many MOD networks are present, the number of buildings each MOD network supplies and how many buildings are supplied direct from the EGDN. This should also include any demarcations in place between stakeholders and responsibilities.

The gas supply to Crownhill ACF is fed direct from the EGDN network and there is a 20mm PE riser entering the external GRP wall mounted meter box where the gas runs through an EGDN ECV to feed the MAM owned and operated meter and regulator which in turn supplies the installation pipework at low pressure (20.5 mbar) for one building only.

Single Supply Meter 001 – Honeywell BK-G4M Meter
S/N – G4 K0026323 21 01
6 m³/hr
MPRN – 4215542508

The gas pipe exits the back of the meter box in 22mm copper and enters the building directly into the plant room. There is a short section of 22mm copper gas pipe within the plant room that feeds a single gas appliance.

The demarcation point between EGDN and MAM responsibility is the ECV. The demarcation point between MAM and MoD responsibility is the meter outlet.

2.3 LPG Gas.

A brief description of the LPG installations, including how many compounds are at the establishment, condition and make up of each compound, the number and size (kg) of vessels in each compound, the number of LPG MOD networks, the number of buildings supplied from the LPG MOD networks, how many buildings are supplied direct and not from an LPG MOD network. Details of the LPG pipework after the first stage regulator up to the building(s).

Note: The demarcation agreement between the LPG supplier and the MOD has been agreed and the MOD take responsibility from the outlet of the first stage regulator. The LPG supplier is responsible for the vessel, vessel associated components (excluding any earth bonding) pipework up to and including the first stage regulator.

No LPG on this establishment.

2.4 External Installation Pipework.

A brief description of the external installation pipework (above or below ground) on each building. This is from the ECV to where it enters the building(s), the material, diameter, lengths, supports, conditions etc.

There is no external installation pipework.

2.5 Details of buildings served.

A list of the buildings being supplied by gas via an MOD network, LPG compound or directly from the EGDN and the usage of the gas (catering, hot water, heating, fire training, etc) at the building.

Ser	Building Number	Building description	Supplied by	Gas usage
1	Main building	Drill hall, Offices, Stores	EGDN Network	Heating & Hot water

2.6 Additional details of buildings being served.

Any additional detail about a building that may be required or useful in an emergency or requires more details than captured above.

NOTE: This section is to be used to capture the Service Family Accommodation (SFA) properties where it is not practical to fit above.

N/A.

Unique Document Reference:

Crownhill ACF

WX28-A-20231208

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3 METER DETAILS

3.1 Primary Meter Details.

The following table describes the basic arrangement of the primary meter installation(s). (These are the responsibility of the MAM)

NOTE: More detail on the primary meters that supply MOD networks can be seen in the GSMP part B.

Number of primary meter installations:		1							
Meter Name / ID	MPRN	Supplying (MOD network ID or Bldg number)	location	Incoming pressure tier – HP, IP, MP, LP	Outlet pipeline				Max Flow (M ³ hr)
					P tier – HP, IP, MP, LP	Pressure (mbar)	Material	Diameter (mm)	
Single Supply Meter 001	4215542508	Main building	External Meter box	LP	LP	20.5	Copper	22	6

3.2 Utilisation Meter Details. (meters supplied directly from the MOD gas network)

The following table describes the basic arrangement of the utilisation meter installation(s). (These are the responsibility of the MOD)


Number of utilisation meter installations:		N/A no MOD network on this site.								
Meter Name / ID	Being supplied from (MOD network ID)	Inlet pipeline				Outlet pipework				Max Flow (M ³ hr)
		P tier – HP, IP, MP, LP	Pressure (mbar)	Material	Diameter (mm)	P tier – HP, IP, MP, LP	Pressure (mbar)	Material	Diameter (mm)	

4 DIAGRAMS AND DRAWINGS

4.1 Line diagrams for building(s) internal gas installation pipework.

This section is to contain line diagrams for building internal installation pipework and associated components. This diagram should be fixed to the building at a practical and accessible location as well as within any associated document centres. It may be embedded as a PDF to this document for online use.

NOTE: Drawings are only required for commercial installations or for installation in commercial settings (non-domestic use). This may mean more installations than listed in IGEN/UP/2 Edition 3 (4.2.14), depending on the installations intended use.

Drawing Number	Building	Comments
WX28-A-A3	Main building	Not to Scale Gas Line Drawing
		 WX28-A-A3.pdf

4.2 Additional drawings.

This section is to contain any additional drawings that may be required or may be of benefit to this GSMP or emergency procedures.

Drawing Number	Building	Comments

5 GAS INCIDENTS

5.1 Site reporting procedures for dealing with gas incidents.

This section is to contain the establishment's site-specific procedure for dealing with reports of gas incidents with regards the external installation pipework, internal installation pipework and equipment. Details of all individuals with responsibilities under this procedure should be included.

Procedure for an incident involving the gas installations on site:

- Call Vivo Helpdesk Team on **0800 030 9320** open 24 hours per day.
- The Helpdesk will in turn call National Grid **0800 111 999** to attend and make safe a gas incident.
- The Vivo Gas Responsible Person shall be informed immediately by the site personnel.

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6 GAS EQUIPMENT

6.1 Equipment List.

This section is to include details of all the gas equipment being used at the establishment.

Building number	Equipment location	Equipment type (make, model)	Serial Number	Appliance kW rating	Flue classification	Comments
Main building	Plant Room	Worcester 8000 Lite 30 R	37302772357057738100809	30	Room Sealed	

6.2 Additional equipment information.

This section is to contain any additional equipment information that may be required or may be of benefit to this GSMP or emergency procedures.

N/A

7 ANNEXES

Gas Line Drawing

