



**Defence  
Infrastructure  
Organisation**

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

**Bristol Dorset House RMR**

**17/04/2025**

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



Unique Document Reference:  
WX14-A-20201028  
Issued by DIO TS PGE

Establishment: Bristol Dorset House RMR

## ESTABLISHMENT KEY PERSONALITIES (GAS) CONTACTS

Role	Name	Tel No.	Email
Head of Establishment	Lt Josh McCreton RM	0303 382 2874 / 07917 174698	<a href="mailto:joshua.mccreton463@mod.gov.uk">joshua.mccreton463@mod.gov.uk</a>
Establishment's SHEF	CSgt Jeremy Nazarin	07909 562708	<a href="mailto:jeremy.nazarin142@mod.gov.uk">jeremy.nazarin142@mod.gov.uk</a>
Establishments 4C's Coordinator	CSgt Jeremy Nazarin	07909 562708	<a href="mailto:jeremy.nazarin142@mod.gov.uk">jeremy.nazarin142@mod.gov.uk</a>
Senior DIO Estate Representative or Equivalent	Mark Cubitt	07955 280440	<a href="mailto:wx-est-hd@rfca.mod.uk">wx-est-hd@rfca.mod.uk</a>
Site DIO Estate Representative or Equivalent	Mark Armstrong	07508 129987	<a href="mailto:wx-est-mgr3@rfca.mod.uk">wx-est-mgr3@rfca.mod.uk</a>
MMO Site Manager or equivalent	Paul Wakeford	07356101565	<a href="mailto:Paul.wakeford@vivodefence.com">Paul.wakeford@vivodefence.com</a>
Gas Safety Manager (GSM)	Justin Westcott	07793222820	<a href="mailto:Justin.westcott@vivodefence.com">Justin.westcott@vivodefence.com</a>
Gas Responsible Person (GRP)	Jason Cuthbert	07592112763	<a href="mailto:Jason.cuthbert@vivodefence.com">Jason.cuthbert@vivodefence.com</a>

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

Signature: *JP Westcott*

Date: 17/04/2025

### 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 – 28<sup>th</sup> Oct 2022**

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: 07/05/2025

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

Signature: **Josh McCreton**

Date: 5 Sep 25



## REVIEWS AND AMMENDMENTS

GSMPs are 'living documents' that should be subject to continual review and updating as required. Although the level of attention required will vary considerably depending on the size and complexity of each site, GSMPs should be reviewed at least once per quarter by the GRP, unless otherwise agreed by the PGE. Although it is likely that changes are not required at each review, the date of review and any changes made should be indicated on the tables below. The review of the GSMP will include a site visit to ensure that the site and the content of the GSMP remain valid. The reviews and amendments made will be deleted during the DIO TS three yearly review when the GSMP is re-authorised by the PGE.

Date	Page No.	Amendment
31/03/2022	All	Initial Development
16/01/2023	7 & 10	Added Gas Line Drawing Details, Icon and Drawing
28/04/2023	ii and 1	Change of HoE - Updated HoE Details
18/07/2023	N/A	No Amendments Required
31/10/2023	N/A	No Amendments Required
17/01/2024	ii & 1	Updated HoE Details
15/06/2024	N/A	No Amendments Required
31/07/2024	N/A	No Amendments Required
01/10/2024	ii & 1	Updated Head of Estates Details
18/10/2024		GSM re-authorisation (previously authorised 30/05/2022)
18/02/2025	1.4	Updated GSM and Gas RP contact details
18/02/2025	1.4	Updated Vivo gas Emergency number
05/09/2025	ii & 1 & 4	Change of HoE. Update to Site Overview.

Date	Reviewed by	Authorised by	Comments
30/05/2022	M Fenwick	N King	Initial Review
28/10/2022	J Obbard	J Obbard	Document Approval
16/01/2023	M Fenwick	M Fenwick	Quarterly Review
28/04/2023	M Fenwick	M Fenwick	Quarterly Review
18/07/2023	M Fenwick	M Fenwick	Quarterly Review
31/10/2023	M Fenwick		Annual Review
17/01/2024	M Fenwick	M Fenwick	Quarterly Review
15/04/2024	M Fenwick	M Fenwick	Quarterly Review
31/07/2024	M Fenwick	M Fenwick	Quarterly Review
01/10/2024	M Fenwick		Annual Review
18/10/2024	Neville King	Neville King	GSM re-authorisation
17/01/2025	M Fenwick	M Fenwick	DNV De-Mobilisation Review/Handover
18/02/2025	J Cuthbert	J Westcott	Quarterly review and plan adoption
17/04/2025	J Westcott	J Westcott	Initial review/approval
14/05/2025	J Cuthbert	J Cuthbert	Quarterly Review
20/08/2025	J Cuthbert	J Cuthbert	Quarterly Review



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## FOREWORD

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 documents 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 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 documents 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.



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## 1 THE DUTY HOLDER AND ESTABLISHMENT LEVEL KEY PERSONALITIES

### 1.1. Gas Safety Case Duty Holder.

The duty holder for the MOD Gas Safety Case is the Permanent Under Secretary for Defence (PUS). However, day to day responsibility for the preparation and maintenance of the document is delegated to the DIO TS Head of Engineering and Construction, who also has the responsibility for managing the system in accordance with the Safety Case. PUS delegates maintenance responsibility to the Top-Level Budget Holders (TLB's), to manage safety of the gas network. The TLB's utilise MOD Contracts i.e. MMOs who have responsibility for maintaining the gas network on behalf of the MOD.

Name:	Permanent Under Secretary
Address:	Main Building Horse Guards Parade Whitehall London SW1A 2HB

### 1.2. DIO Technical Services Principal Gas Engineer (PGE).

The PGE assumes the role of Senior Authorising Authority which is a term used within the MOD to recognise the authority of the person responsible for overseeing the appointment of, and auditing Authorising Engineers (AEs). For Gas the AEs are replaced by Gas Safety Managers (GSMs).

Name:	Jeremy Obbard
Address:	DIO HQ Whittington Barracks Lichfield WS14 9TJ
☎:	07748 903260
✉:	Jeremy.obbard100@mod.gov.uk

### 1.3. Establishment Personalities.

Name of Establishment:	Bristol Dorset House RMR	
Establishment Address:	Bristol Dorset House RMR Linfield Place Clifton Bristol BS8 3NA	
Head of Establishment (HoE)  (This is the most senior MOD person identified, by the chain of command, as responsible for the establishment. The HoE holds accountability for ensuring site compliance with the requirements of GSMR and the MOD GSC, including this GSMP.)	Name: Lt Col Josh McCreton RM Position: Commanding Officer Organisation: Royal Marines Reserve Bristol Address: HMS Flying Fox Winterstoke Road Bristol BS3 2NS  ☎: 0303 382 2874 / 07917 174698 ✉: <a href="mailto:joshua.mccreton463@mod.gov.uk">joshua.mccreton463@mod.gov.uk</a>	










1.4. Maintenance Management Organisation (MMO).		
The MMO for this establishment is:		<b>VIVO</b>
Gas Emergency Helpdesk (Typically, MMO Helpdesk) (24 Hours)  <b>Note:</b> Please do not contact the general public National Gas Emergency Service for suspected gas escapes on RFCA infrastructure.	Organisation:      <b>☎:</b>	VIVO Helpdesk 25 Goodlass Road Hunts Cross Liverpool L24 9HJ  0800 030 9320
Gas Safety Manager (GSM)	Name: Organisation: Address:     <b>☎:</b> <b>✉:</b>	Justin Westcott Vivo Defence Bldg. 003, CTCRM Lympstone Nr Exmouth Devon EX8 5AR 07725 038039 <a href="mailto:Justin.westcott@vivodefence.com">Justin.westcott@vivodefence.com</a>
Gas Responsible Person (GRP)	Name: Organisation: Address:       <b>☎:</b> <b>✉:</b>	Jason Cuthbert Vivo Defence Imjin Barracks Innsworth Gloucester Gloucestershire GL31HW 07592 112763 <a href="mailto:Jason.cuthbert@vivodefence.com">Jason.cuthbert@vivodefence.com</a>

External Gas Distribution Network (EGDN)	Organisation: Wales & West Utilities Address: Wales & West House, Spooner Close, Celtic Close Coedkernew Newport NP10 8FZ ☎: 0800 912 2999 ✉: <a href="mailto:Steve.Harding@WWUtilities.co.uk">Steve.Harding@WWUtilities.co.uk</a>
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Establishment: Bristol Dorset House RMR

Gas Supplier	Organisation: Address:   :  :	Total energies Gas & Power 55-57 High Street Redhill Surrey RH1 1RX 01737 275746 <a href="mailto:gp.redhill.ccs@totalenergies.com">gp.redhill.ccs@totalenergies.com</a>
LPG Supplier	Organisation: Address:   :  :	Not Applicable, no bulk LPG on site.
Meter Asset Manager (MAM)	Organisation: Address:   :  :	Energy Assets Ltd 6 Almond Vale Business Park Almond Vale Way Livingston Scotland EH54 6GA 01506 405 405 <a href="mailto:RalphReekie@EnergyAssets.co.uk">RalphReekie@EnergyAssets.co.uk</a>
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.

Dorset House is a single site establishment with two buildings on site, one of which is supplied by gas.  
This building (the Main Building) is supplied with gas from the Low Pressure (LP) EGDN Network.  
There is no MoD network on site.

The main building is used for storage (including ammunition), office space, kitchen, classrooms, meeting and conference rooms and a bar/lounge.

The site is currently a training and administrative facility for Royal Marines Reserve Bristol.

During working hours there are routinely fewer than 5 people on site. The site is occasionally used for training and overnight accommodation in the evenings and weekends for up to 40 people. There can be up to 100 people on site for periodic functions, events or parades. The guardroom is not permanently manned and when not in use the site is secured on a 'lock and leave' basis.

### 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.

There is one single stream single supply meter on site supplied at Low pressure by the EGDN network (Wales & West Utilities).  
This meter then supplies a plant room and kitchen with gas at 21.8 mbar.  
The gas meter is located in the basement with a below ground service entry.

Single Supply Meter – Elster BK G16M  
S/N – M 025 K03153 14 D6  
25 m<sup>3</sup>/hr  
MPRN - 47871801

The EGDN network enters the basement in 1½" steel and runs through an EGDN ECV and a MAM owned and operated Meter and Regulator.  
The demarcation point between EGDN and MAM responsibility is the ECV. The demarcation point between MAM and MoD responsibility is the meter outlet.  
The gas exits the meter in 2" steel and travels through the basement through a 2" dead weight valve before entering the plant room in and transitioning to 1½" steel to feed the single heating boiler.  
There is a tee section just after the meter outlet with the 2<sup>nd</sup> exit rising to the 1<sup>st</sup> floor to the Galley, running through an interlocking solenoid to feed the two catering appliances within the Galley.



**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	Office space, Classrooms, meeting/conference rooms, Kitchen and a lounge/bar.	EGDN Network	Heating and catering

**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:

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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 ( EGDN Single Supply )							
Meter Name / ID	MPRN	Supplying (MOD network ID or Bldg number)	location	Incoming pressure tier – HP, IP, MP, LP	Outlet pipeline				Max Flow (M <sup>3</sup> hr)
					P tier – HP, IP, MP, LP	Pressure (mbar)	Material	Diameter (mm)	
Bristol Dorset House RMR Single Supply Meter 001	47871801	Main Building	Basement Gas Meter Room	LP	LP	21.8	Steel	50	25

#### 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:		0								
Meter Name / ID	Being supplied from (MOD network ID)	Inlet pipeline				Outlet pipework				Max Flow (M <sup>3</sup> 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
WX14-A-A3	Main Building	Not to Scale Gas Line Drawing
		 WX14-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 installation on site:

- Call the VIVO helpdesk on 0800 030 9320, open 24 hours per day
- The Helpdesk will contact the EGDN who shall attend and make safe a gas incident.
- The VIVO Gas Responsible Person shall be informed immediately via text/teams message via the helpdesk



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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
<b>Single Supply 001</b>						
Main Building	Plant Room	Potterton Diplomat Heating Boiler	TBC	TBC	Flue Dilution	
Main Building	Galley	Masterchef Grill	TBC	12	Flueless – Kitchen Canopy Extract	
Main Building	Galley	Masterchef 6 Burner Range with Oven	TBC	45	Flueless – Kitchen Canopy Extract	

### 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.

Safety shut off valves are required to be frequently checked every year in accordance with CRFCA hard FM task list:

160418-GL-EST-Task2Ser9-GasApplianceandPipework

A list of the checks is captured below.



160418-GL-EST-Task  
2Ser09-GasAppliance

Kitchen Canopy Gas Interlock installed in Main Building Kitchen, with SSOV and emergency stop button by exit door.



RMR DORSET  
HOUSE JB50310 5545



## 7 ANNEXES

## Gas Line Drawing

