

Variation Notice Regulatory Framework Permit with introductory note

Environment Protection Act (CAP. 549)

Industrial Emissions (Framework) Regulations (S.L. 549.76).

Industrial Emissions (Integrated Pollution Prevention and Control) Regulations (S.L. 549.77).

Industrial Emissions (Large Combustion Plants) Regulations, S.L. 549.78

Installation:

Delimara Power Station

Permit Holders:

Enemalta plc (C65836)

Triq Belt il-Hazna

Marsa MRS 1571

MRS 1571

ElectroGas Malta Ltd. (C60775)

Q3, Level 16 Quad Central, Central

Business District

CBD 1040

D3 Power Generation Ltd. (C66510)

Enemalta Building

Triq Belt il-Hazna

Marsa MRS 1571

United Equipment Co. (UNEC) Ltd.

Bonnici House

Sardine Street

Burmarrad, SPB 6073

Approved Documents:

Permit number

IP 0002/21 – framework document

IP 0002/21/V2

IP 0002/21/V3

Sub-permit numbers

IP 0002/21/i – ElectroGas Malta Ltd.

IP 0002/21/ii – D3 Power Generation Ltd.

IP 0002/21/iii – Enemalta plc.

IP 0002/21/V3/iv – United Equipment Co.
(UNEC) Ltd.

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Introductory note

The following Permit is issued under Regulation 7 of the Industrial Emissions (Framework) Regulations, (S.L. 549.76) ("the Industrial Emissions (Framework) Regulations") to operate an installation carrying out activities covered by the description in Section 1.1 in Schedule 1 of the Industrial Emissions (IPPC) Regulations (S.L. 549.77), to the extent authorised by the Permit, i.e.

"Combustion of fuels in installations with a total rated thermal input of 50 MW or more".

Aspects of the operation of the installation which are not specifically regulated by conditions in the Permit may also be subject to the condition implied by Regulation 8 of the Industrial Emissions (IPPC) Regulations, which require the Permit Holder/s to use the best available techniques for preventing or, where that is not practicable, reducing emissions from the installation.

Conditions marked with a "∞" shall be construed as conditions which are to be enforced by the Authority responsible for such an issue.

Techniques include both the technology used and the way in which the installation is designed, built, maintained, managed, operated and decommissioned.

In some sections, the Permit conditions require the Permit Holder to use Best Available Techniques (BAT), in each of the aspects of the management of the installation, to prevent and where that is not practicable to reduce emissions. These conditions do not explain what is BAT.

A non-technical description of the installation is given in the application, but the main activity of the installation is as follows:

- **Generation of electrical energy through the combustion of natural gas, and gasoil**

Note that the Permit requires the submission of certain information to the Competent Authority as per subsequent specific conditions. In addition, the Competent Authority has the power to seek further information at any time under Regulation 11 of the Industrial Emissions (Framework) Regulations, provided that it acts reasonably.

Other IPPC Permits relating to this installation

Permit holder	Permit Number	Date of Issue
<i>Not applicable</i>		

Superseded Licences/Authorisations/Consents relating to this installation

Holder	Reference Number	Date of Issue
<i>Enemalta Corporation</i>	IP 0002/07/A	29 March 2010
<i>Enemalta Corporation</i>	IP 0002/07/B	6 December 2011
<i>Enemalta Corporation</i>	IP 0002/07/C	23 July 2012
<i>Enemalta Corporation</i>	IP 0002/07/D	17 September 2013
<i>Enemalta plc</i>	IP 0002/07/E	01 April 2014
<i>Enemalta plc</i> <i>ElectroGas Malta Ltd.</i> <i>D3 Power Generation Ltd</i>	IP 0002/07/F	11 January 2017
<i>ElectroGas Malta Ltd</i>	IP 0002/07/Fi	11 January 2017
<i>D3 Power Generation Ltd</i>	IP 0002/07/Fii	12 January 2017
<i>Enemalta plc</i>	IP 0002/07/Fiii	11 January 2017
<i>Enemalta plc</i> <i>ElectroGas Malta Ltd.</i> <i>D3 Power Generation Ltd</i>	IP 0002/07/G	22 September 2017
<i>ElectroGas Malta Ltd</i>	IP 0002/07/Gi	22 September 2017
<i>D3 Power Generation Ltd</i>	IP 0002/07/Gii	22 September 2017
<i>Enemalta plc</i>	IP 0002/07/Giii	22 September 2017

Multiple Operator installations

As indicated in Regulation 6(3) of S.L. 549.76, a permit may regulate several parts of an installation operated by different Permit Holders. The importance of integrating the operations of each technical unit stems from the definition of “installation” in the provisions of S.L. 549.76, where this is defined as “a stationary technical unit within which one or more activities listed in the regulations concerning integrated prevention and control or in the regulations concerning organic solvents are carried out, and any other directly associated activities on the same site which have a technical connection with these activities and which could have an effect on emissions and pollution”.

In accordance to guidance provided by the Commission, an activity is considered to be a directly associated activity with a Schedule 1 activity if it shares common features, for example: it is part of the same industrial complex; it operates in the same or a related sector; or operates with some collective aspects such as site security.

This installation is therefore being regarded as a multi-Operator installation.

Functions of the permit

This Permit consists of four main parts which have been structured so as to include:

- **The Regulatory Framework Permit** addressing the obligation of all Permit Holders and coordinating these obligations due to the nature of the facility as a multi-operator installation (IP 0002/21).
- **Subsidiary Permit 1** addressing the operation carried out by ElectroGas Malta Ltd (IP 0002/21/i);
- **Subsidiary Permit 2** addressing the operations carried out by D3 Power Generation Ltd. (IP 0002/21/ii).
- **Subsidiary Permit 3** addressing the operations carried out by Enemalta plc.(IP 0002/21/iii)
- **Subsidiary Permit 4** addressing the operations carried out by United Equipment Co Ltd. (IP 0002/21/iv)

Variations to the Permit

This Permit may be varied at any time in the future. If any of the Permit Holders wants any of the Conditions of either the regulatory framework or to the Permit Holder specific Subsidiary Permit to be changed, a formal application must be submitted to the Competent Authority. When such an application is submitted to the Authority for its consideration, the decision shall be carried out in consultation with the other Permit Holders within this multi operator installation

The **Status Log** within the Introductory Note to any such Variation Notice will include summary details of this Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

Any change in operations shall only be implemented following the granting of a variation of the permit by the Authority.

Surrender of the Permit

Before this Permit can be wholly or partially surrendered, an Application for the surrender of the Permit has to be made to the Competent Authority by any of the Permit Holders. For the application to be successful, the Permit Holder(s) requesting this surrender must be able to demonstrate to the Competent Authority that there is no pollution and/or public health risk and that no further steps are required to return the site to a satisfactory state.

The Permit Holder(s) shall retain all responsibility for management and activities within the site until the Authority officially approves the permit surrender in writing.

Transfer of the Permit or part of the Permit

Upon the joint application of a Permit Holder and a proposed transferee, the Permit Holder(s) may request to transfer an environmental permit. The permit shall not be transferred from the Permit Holder without prior approval from the Authority. Upon the Authority's decision to transfer the permit to the transferee, all rights, obligations, liabilities shall subsist onto the transferee.

Public Registers

This IPPC Permit and application are available to the public through the Competent Authority in accordance with the requirements of the Industrial Emissions (IPPC) Regulations. The applicant has made a request for certain information of a commercial nature to be withheld from the public. ERA has been supplied with all this information and has accepted the request of the applicant, because it was deemed to be commercially confidential. Alternative text which provides relevant information but does not include the confidential information has however been included in the application.

Status Log

Detail	Date	Comment
<i>Application IP 0002/07</i>	Received 05 February 2007	Not 'duly made'
<i>Response to request for information</i>	Request dated 16 June 2007	Response dated July 2007
<i>Report on boiler conversion for emission reduction</i>	PDS submitted 24 April 2008	Request for further information dated 14 July 2008. Further information submitted 24 September 2008
<i>Noise survey</i>	Report submitted 25 July 2008	
<i>Application 'duly made'</i>	27 April 2009	
<i>Response to request for information</i>	Request dated 27 April 2009	Response received 18 May 2009 Consolidated version received 18 May 2009
<i>Public consultation</i>	Commenced on 21 May 2009	Concluded on 20 June 2009
<i>Re-classification of the phase 1 boilers (from 380 to 332 MW_{TH})</i>	Official letter dated 28 September 2009 plus supporting documents.	
<i>Permit A determined</i>	01 October 2009	
<i>Permit A issued</i>	29 March 2010	
<i>Application for variation of permit to include diesel engines</i>	Application received on 11 February 2010	
<i>Response to request for information</i>	Request dated 19 April 2010	Response received 31 May 2010, 17 June 2010 and 26 July 2010
<i>Response to request for information</i>	Request dated 17 September 2010	Response received 12 May and 2 June 2011
<i>Response to request for information regarding NOx emissions</i>	Request dated 24 June 2011	Response received 4 July 2011
<i>Response to request for information regarding socio-economic assessment</i>	Requests dated 24 June, 4 July and 18 July 2011	Response received on 4 August 2011

Detail	Date	Comment
<i>Response to request for information</i>	Request dated 5 July 2011	Response received on 22 July, 27 July 2011.
<i>Correspondence regarding flue gas volume calculations</i>	Information submitted by Enemalta on 30 June, 8 and 29 July 2011 and 29 August 2011	Request accepted on 4 August 2011
<i>Request for variations to existing permit</i>	Received on 29 July 2011	
<i>Request for consolidated application</i>	Request made on 26 July 2011	Consolidated application received on 17 August (draft) and 23 August 2011 (final)
<i>Air dispersion model</i>	Report submitted on 24 August 2011	
<i>Updated cooling water dispersion modelling study</i>	Received on 7 September 2011	
<i>Public consultation</i>	Started on 24 August 2011	Concluded on 7 October 2011
<i>Renewal and variation B determined</i>	5 December 2011	
<i>Permit B issued</i>	6 December 2011	Permit expires on 6 December 2015 A consolidated permit is being issued
<i>Public consultation on proposed extension to condition 2.2.1.7.9 from September 2012 to June 2013</i>	Started on 17 May 2012	Concluded on 18 June 2012
<i>Variation C determined</i>	12 July 2012	
<i>Permit C issued</i>	23 July 2012	Permit expires on 6 December 2015 A consolidated permit is being issued
<i>Public consultation on proposed extension for HFO use from June 2013 to March 2014</i>	Started on 28 June 2013	Concluded on 28 July 2013
<i>Variation D determined</i>	5 September 2013	
<i>Permit D Issued</i>	17 September 2013	Permit expires on 6 December 2015 A consolidated permit is being issued
<i>Public consultation on the determination of the choice of fuel for DPS6</i>	Started on 11 February 2014	Concluded on 12 March 2014
<i>Variation E determined</i>	27 March 2014	
<i>Permit E issued</i>	1 April 2014	Permit expires on 6 December 2015. A consolidated permit is being issued.

Detail	Date	Comment
<i>Permit extended</i>	1 December 2015	From 06 December 2015 to 06 June 2016
	30 May 2016	From 06 June 2016 to 6 December 2016
	02 December 2016	From 06 December 2016 to 06 June 2017
<i>Request for variations to existing permit by Electrogas Malta Ltd.</i>	13 November 2014	
<i>Request for variations to existing permit by D3 Power Generation Ltd.</i>	20 February 2015	
<i>Request for renewal and variations to existing permit by Enemalta plc.</i>	4 June 2015	
<i>Responses to request for information</i>	Electrogas Malta Ltd	From 13 November 2014 to 17 October 2016
	D3 Power Generation Ltd	From 20 February 2015 to 17 October 2016
	Enemalta plc	From 4 June 2015 to 17 October 2016
<i>Application Duly made</i>	Electrogas Malta Ltd	18 October 2016
	D3 Power Generation Ltd	18 October 2016
	Enemalta plc	18 October 2016
<i>Public Consultation</i>	Between 19 October 2016 and 27 November 2016	Public consultation extended by 10 days from the original end date of 17 November 2016.
<i>Permit F Determined</i>	19 December 2016	
<i>Permit F Issued</i>	11 January 2017	Permit Expires:
		19 December 2020
<i>Request for partial surrender to existing permit by Enemalta plc.</i>	12 April 2017	
<i>Responses to request for information</i>	11 May 2017	
<i>Application Duly made</i>	5 July 2017	
<i>Public Consultation</i>	Between 10 July 2017	Concluded 24 July 2017
<i>Permit G Determined</i>	25 August 2017	
<i>Permit G Issued</i>	22 September 2017	Permit expires: 25 August 2021
<i>Permit G extension</i>	9 July 2021	Validity expires: 25 February 2022
<i>Application IP 0002/21</i>	12 February 2021	EGM; variation and renewal

Detail	Date	Comment
	26 February 2021	D3PG; renewal
	25 February 2021 and 9 December 2021	ENE; renewal and variation
Regulatory consultation	between 23rd April 2021 – 7th May 2021 and between 1st June 2021 – 8th June 2021 and 25th October 2021 – 8th November 2021	
Public Consultation	Commenced on 17 December 2021	Concluded on 02 January 2022
Application Determined	18 February 2022	
Request for amendments To permit conditions	27 th October 2022	
IP 0002/21/V1 (Notification of change in Permit Holder)	Validated 11 th August 2023	Incorporated as part of IP0002/21/V2
IP 0002/21/V2	Validated 5 th January 2024	
IP 0002/21/V3	Validated 8 th May 2024	Granted 17 th June 2024

End of Introductory Note

Notice of Variation

Integrated Pollution Prevention and Control (IPPC) Permit

Environment Protection Act (CAP. 549)

Industrial Emissions (Framework) Regulations (S.L. 549.76)

Industrial Emission (Integrated Pollution Prevention and Control) Regulations (S.L. 549.77)

Industrial Emissions (Large Combustion Plants) Regulations, (S.L. 549.78)

Variation number

IP 0002/21/V2

Permit number

IP 0002/21

Approved Documents:

IP 0002/21/DOC1

IP 0002/21/DOC2

IP 0002/21/DOC3

The Environment and Resources Authority (hereinafter the Authority; the Competent Authority or ERA) in exercise of its powers under Regulation 7 of the Industrial Emissions (Framework) Regulations, 2013 (S.L. 549.76) ("the Industrial Emissions (Framework) Regulations"), hereby authorises:

Enemalta plc. (C65836) (Hereinafter "the Permit Holder" and/or "the Permit Coordinator" unless specifically mentioned) Of / Whose Registered Office (or principal place of business) is at **Triq Belt il-Hazna, Marsa, MRS1571, Malta**

ElectroGas Malta Ltd. (C60775) (hereinafter "the Permit Holder" unless specifically mentioned) Of / Whose Registered Office (or principal place of business) is at **Q3, Level 16 Quad Central, Central Business District CBD 1040**

D3 Power Generation Ltd (C66510) (hereinafter "the Permit Holder" unless specifically mentioned) Of / Whose Registered Office (or principal place of business) is at Enemalta Building, **Triq Belt il-Hazna, Marsa MRS 1571, Malta**

United Equipment Co. (UNEC) Ltd. (C10827) (hereinafter "the Permit Holder" unless specifically mentioned) Of / Whose Registered Office (or principal place of business) is at **Bonnici House Sardine Street Burmarrad, SPB 6073**

to operate specified plant described in the Framework Permit and Subsidiary Permits 1, 2, 3 and 4 of this Permit at the installation at:

The Environment and Resources Authority (hereinafter the Authority; the Competent Authority or ERA) in exercise of its powers under Regulation 7 of the Industrial Emissions (Framework) Regulations, 2013 (S.L. 549.76) ("the Industrial Emissions (Framework) Regulations"), hereby authorises:

To operate an installation at: **Delimara Power Station, Delimara, Marsaxlokk, MXK 1320**

to the extent authorised by and subject to the conditions of this Regulatory Framework Permit and in the Permit Holder specific Subsidiary Permits included in this Permit.

This variation is valid until the expiry of the permit IP 0002/21 which is 4 years from the 'permit granted' date below. An application for renewal is to be submitted at least **nine (9) months** prior to expiry of IP 0002/21

Environment and Resources Authority		Date Granted: 10 / 05 / 2022
APPROVAL		
Board No. 225	Held on 27 September 2024	Variation Granted: 30.09.2024
Chairman 	Secretary 	
Authorised to sign on behalf of the Competent Authority		

Conditions

Section 1 – General

The enclosed notice of variation shall be read in conjunction to the permit with reference to IP 0002/21 and shall take effect as of the date indicated above.

The Authority is hereby varying the Introductory Note, Section 1 and Section 2 as specified hereunder.

1. Table 1.1.1 in Section 1.1 ‘Permitted Activities’ shall be replaced as follows;

Table 1.1.1			
Activity listed in Schedule 1 of the Industrial Emissions (IPPC) Regulations / Associated Activity	Description of specified activity	Limits of specified activity	Extent of responsibility
Section 1.1: Combustion installations with a rated thermal input exceeding 50 MW	Generation of electrical energy through the combustion gasoil. Installation consists of two open cycle gas turbines (DPS2 and DPS3), two combined cycle gas turbines (DPS4 and DPS5)	From receipt of fuel to delivery of utility.	Enemalta plc.
	Generation of electrical energy through the combustion of Natural Gas Installation consists of three Combined cycle gas turbines (DPS 7)	From receipt of fuel to delivery of utility.	Electrogas Malta Ltd.(EGM)
	Generation of electrical energy through the combustion of Natural Gas and gasoil	From receipt of fuel to delivery of utility.	D3 Power Generation Ltd. (D3PG)

	<p>Installation consists of four medium-speed combined cycle dual fuel (natural gas and gasoil) diesel engines (DPS6 – diesel engines 5 to 8).</p> <p>Installation consists of four medium-speed combined cycle single fuel (natural gas) diesel engines (DPS6 – diesel engines 1 to 4).</p>		
	Operation of 48 [4 MW _{th}] emergency generators (New MCPs) firing gas oil	From receipt of fuel to delivery of utility.	United Equipment Co. (UNEC) Ltd.
Associated activity of fuel handling and storage	Handling and storage of Natural Gas	<p>a) From receipt of fuel to storage within the Floating Storage Unit to delivery to the Regasification Plant.</p> <p>b) From storage within the Floating Storage Unit to offshore liquefied natural gas cargo operations to third parties.</p>	ElectroGas Malta Ltd.
	Handling and storage of heavy fuel oil	From receipt of the fuel and storage in tank farm and from tanks to tanker barge/third parties	Enemalta plc.
	Handling and storage of gasoil	From receipt of the fuel and storage in tank	D3 Power Generation Ltd.

		farm from Enemalta plc. at tie-in point TP4.D3 to combustion in the diesel engines 5 to 8 and the 3.85MW _{th} auxiliary boiler of D3PG	
		From receipt of fuel and storage in tank farm to combustion in DPS 2 to 5, 4.15MW _{th} auxiliary boiler of Enemalta and delivery of utility to D3PG at tie in point TP4.D3 Transfer from tanks to tanker barge/third parties	Enemalta plc
	Handling and storage of gasoil	From receipt of the fuel and storage in tank farm from Enemalta plc. at tie-in point TP3.Temp & TP4.Temp to combustion in the diesel generators	UNEC Ltd.
Associated activity of regasification and gas pressure reduction	Operation of a regasification plant and a gas reducing station	From receipt of liquefied natural gas from the floating storage unit to delivery to D3PG (DPS6) and DPS 7	ElectroGas Malta Ltd.
Associated activity of utilities	Sea water pre-treatment plant.	From intake of sea water from Marsaxlokk Bay to dosing and delivery of utility.	Enemalta plc
	Sea water discharge into Hofra Iz-Zghira	From receipt of waste water from own operations, D3PG and Electrogas operated plant to the discharge of the water.	Enemalta plc
	Provision of evaporated and	From the generation of utility to	Enemalta plc.

	demineralised water	distribution through metered tie-in point to D3PG, EGM and own use.	
	Provision of fire-fighting water	<p>External system: From intake of seawater from Marsaxlokk Bay to delivery and distribution through metered tie-in point to D3PG, EGM and own use.</p> <p>Internal system: From water reservoirs to delivery and distribution through metered tie-in point to D3PG, EGM and own use</p>	Enemalta plc.
	Provision of potable water	From receipt of potable water from mains system to distribution through metered tie-in point to D3PG, EGM, UNEC and own use.	Enemalta plc.
	Foul water management	From receipt of own foul water and from D3PG's cesspits to on-site storage and connection to main sewerage network.	Enemalta plc.
	Oily-water management	From receipt of own oily-water and treated oily water from D3PG to further polishing and discharge.	Enemalta plc.
	Rainwater management	From receipt of rainwater from own operational area, EGM ,D3PG and UNEC Ltd. to	Enemalta plc

		final discharge points to sea.	
	Auxiliary steam	From generation of auxiliary steam by D3PG to delivery to Enemalta for HFO tanks space heating and for fresh water production	D3 Power Generation Ltd.
		From generation of auxiliary steam by Enemalta for HFO tanks space heating and for fresh water production	Enemalta plc

3. Condition 1.3.1 in section 1.3 'Information to the public' shall be replaced as follows;

Where relevant and as described by condition 1.3.1. in the respective subsidiary permit, the Permit Holders shall make emission data (most recent hourly, daily, and monthly average values and/or results of the most recent discontinuous measurement) publicly available via the Internet not later than 30 days after the production of such data or unless otherwise agreed upon in writing with the Authority.

Section 2 – Operating Conditions

4. Condition 2.5.3 in sub-section 'Emissions to Marine Water from Specified Points: General Considerations' shall be replaced with the following;

The Permit Holder/s shall monitor and analyse each substance according to the frequencies specified in Table 2.5.3 of this Permit and in accordance with condition 2.4.2 in the subsidiary permit unless stated otherwise.

Table 2.5.3 - Emission limits and monitoring for emissions to marine water					
No.	Parameter	Emission limit value (annual average)	Measurement methodology	Monitoring frequency	Monitoring frequency
				Point 4 & 5	Point 1-2-3
1	Flow	-	Flow meter	Continuous or calculated	Continuous or calculated
2	pH	6-10	pH meter	Continuous	-
3	Temperature	8 °C above marine water	Digital thermometer	Continuous	-
4	Biological oxygen demand (BOD5)	25 mg/L	EN ISO 5815-1:2019	Annual	Annual
5	Total Nitrogen	10 mg/L	EN ISO 20236:2021	Quarterly	Annual

6	Phosphorous compounds as total phosphorous, as per EN ISO 15681	1 mg/L	EN ISO 15681:2005	Annual	Annual
8	Chlorine dioxide and oxidants (given as chlorine)	0.3 mg/L	DIN 38408-5	Quarterly	Annual
9	Arsenic	5 µg/L	ISO 17294-2: 2016	Quarterly	Annual
10	Cadmium ¹	0.2 µg/L	ISO 17294-2:2016	Quarterly	Annual
11	Chromium (Total)	0.5 mg/L	ISO 17294-2: 2016	Every six months	Annual
12	Copper	0.5 mg/L	ISO 17294-2016	Quarterly	Annual
13	Lead	1.3 µg/L	ISO 17294-2:2016	Quarterly	Annual
14	Mercury	0.05 µg/L	EN ISO 17852: 2008	Every six months	Annual
15	Nickel	8.6 µg/L	ISO 17294-2: 2016	Quarterly	Annual
16	Tin	1.0 mg/L	ISO 17294-2: 2016	Annual	Annual
17	Vanadium	4 mg/L	ISO 17294-2: 2016	Annual	Annual
18	Zinc	0.5 mg/L	Method 3125B, AWWA/APHA, 20 th Ed, 1999	Every six months	Annual
19	Total petroleum hydrocarbons	5 mg/L	ISO 9377-2: 2000	Every six months	Annual
20	Tributyl tin compounds (tributyltin cation; CAS number 36643-28-4)	0.0002 µg/L	EN ISO 17353: 2005	Quarterly	Annual
21	Total Suspended Solids	35 mg/L	EN 872:2005	Annual	Annual
22	Benzene (CAS number 71-43-2)	8 µg/L	EN ISO 15680:2003	Quarterly	Annual
23	PAHs as follows:				
	Benzo(a)pyrene	1.7 X 10 ⁻⁴ µg/L	EN ISO 17993:2003	Annual	Annual
	Benzo(b)fluor-anthene, Benzo(k)fluor-anthene	Sum of 2 PAHs: 0.03 µg/L	EN ISO 17993:2003	Annual	Annual

¹ Tests from the cooling water outfall for cadmium, chromium, copper, nickel, lead and zinc shall be carried out on composite samples consisting of samples of equal size taken at monthly intervals and blended prior to analysis, in accordance with ISO 5667-3:2003 or equivalent.

	Benzo(g,h,i)-perylene, Indeno(1,2,3-cd)-pyrene	Sum of 2 PAHs: 0.002 µg/L	EN ISO 17993:2003	Annual	Annual
24	C10-C13 chloroalkanes (CAS number 85535-84-8)	0.4 µg/L	EPA 8270D:2007	Annual	Annual
25	Polychlorinated biphenyls (CAS number 1336-36-3)	3 µg/L	USEPA method 8082, EA method 174 and 5109631	Annual	Annual

5. Condition 2.15.19 in sub-section 'Coordination of emission to Marine Water' shall be replaced as follows;

Conditions 2.5.20 – 2.5.28 and conditions 2.5.33 – 2.5.40 of this Permit shall only apply to discharges of waste waters from the sources specified in Table 2.5.19.

6. Condition 2.14.10 in sub-section 'Incidents and Complaints' shall be replaced as follows;

Without prejudice to the Coordinated Emergency Response Procedure (and any other relevant SOP), details of incidents and complaints shall also be divulged to the other Permit Holders of the permitted installation.

7. Condition 2.14.6 in sub-section 'Incidents and Complaints' shall be replaced as follows;

The Permit Holder/s shall maintain and implement written procedures for:

- i. Taking prompt remedial action, investigating and reporting to the Competent Authority actual or potential non-compliance [relevant infringements to any condition in the subsidiary or framework permit] with operating procedures or emission limits and if such events occur;
- ii. Investigating incidents, (including any malfunction, breakdown or failure of plant, equipment or techniques, down time, any short-term and long-term remedial measures and near-misses) and prompt implementation of appropriate actions; and
- iii. Ensuring that detailed records are made of all such actions and investigations.

7. Condition 2.16.1, 2.16.2 and 2.16.3 in section 2.16 'Coordination of accident prevention and control' shall be replaced as follows;

In the event of an emergency or accident, each Permit Holder shall ensure communication and coordination with other Permit Holders, stakeholders, and relevant authorities, following the procedures outlined in the Coordinated Emergency Response Plan (CERP).

8. Conditions 2.16.4 till 2.16.8 in section 2.16 'Coordination of accident prevention and control' shall be renumbered sequentially.

9. Condition 2.21.4 in section 2.21 'Land and groundwater investigations, Closure and Decommissioning' shall be removed, and conditions 2.21.5 till 2.21.21 shall be renumbered sequentially.

Section 3 – Records

No changes

Section 4 – Coordination of Reporting

No changes

Section 5 – Greenhouse Gas Emission Permit

No changes

Section 6 – Audit & inspection Fees

No changes

Section 7 – Notifications

No changes

Schedules 1 – 9

No changes

END OF NOTICE

Variation Notice Subsidiary Permit 1with introductory note

Environment Protection Act (CAP. 549)
Industrial Emissions (Framework) Regulations, S.L.549.76;
Industrial Emissions (Integrated Pollution Prevention and Control) Regulations, S.L. 549.77;
Industrial Emissions (Large Combustion Plants) Regulations, S.L. 549.78

Installation: **Delimara Power Station**

Permit Holder: **ElectroGas Malta Ltd.
Q3, Level 16, Quad Central,
Central Business District, CBD 1040,
Malta**

Approved Documents: IP 0002/21 – framework document

Sub-permit numbers:

IP 0002/21/i – ElectroGas Malta Ltd./ EGM Ltd
IP 0002/21/ii – D3 Power Generation Ltd./D3PG Ltd.
IP 0002/21/iii – Enemalta plc.
IP 0002/21/V3/iv - United Equipment Co. Ltd./ UNEC Ltd.

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Introductory note

The following Permit is issued under Regulation 7 of the Industrial Emissions (Framework) Regulations, (S.L. 549.76) ("the Industrial Emissions (Framework) Regulations") to operate an installation carrying out activities covered by the description in Section 1.1 in Schedule 1 of the Industrial Emissions (IPPC) Regulations (S.L. 549.77), to the extent authorised by the Permit, i.e.

"Combustion of fuels in installations with a total rated thermal input of 50 MW or more".

Aspects of the operation of the installation which are not specifically regulated by conditions in the Permit may also be subject to the condition implied by Regulation 8 of the Industrial Emissions (IPPC) Regulations, which require the Permit Holder to use the best available techniques for preventing or, where that is not practicable, reducing emissions from the installation.

Conditions marked with a "∞" shall be construed as conditions which are to be enforced by the Authority responsible for such an issue.

Techniques include both the technology used and the way in which the installation is designed, built, maintained, managed, operated and decommissioned.

In some sections, the Permit conditions require the Operator to use Best Available Techniques (BAT), in each of the aspects of the management of the installation, to prevent and where that is not practicable to reduce emissions. These conditions do not explain what is BAT.

A non-technical description of the installation is given in the application, but the main activity of the installation is as follows:

- **Generation of electrical energy through the combustion of natural gas.**

Note that the Permit requires the submission of certain information to the Competent Authority as per subsequent specific conditions. In addition, the Competent Authority has the power to seek further information at any time under regulation 11 of the Industrial Emissions (Framework) Regulations, provided that it acts reasonably.

Other IPPC Permits relating to this installation

Permit holder	Permit Number	Date of Issue
<i>Not applicable</i>		

Superseded Licences/Authorisations/Consents relating to this installation

Holder	Reference Number	Date of Issue
<i>Enemalta Corporation</i>	IP 0002/07/A	29 March 2010
<i>Enemalta Corporation</i>	IP 0002/07/B	6 December 2011
<i>Enemalta Corporation</i>	IP 0002/07/C	23 July 2012
<i>Enemalta Corporation</i>	IP 0002/07/D	17 September 2013
<i>Enemalta plc</i>	IP 0002/07/E	01 April 2014
<i>Enemalta plc</i> <i>ElectroGas Malta Ltd.</i> <i>D3 Power Generation Ltd</i>	IP 0002/07/F	11 January 2017
<i>ElectroGas Malta Ltd</i>	IP 0002/07/Fi	11 January 2017
<i>D3 Power Generation Ltd</i>	IP 0002/07/Fii	12 January 2017
<i>Enemalta plc</i>	IP 0002/07/Fiii	11 January 2017
<i>Enemalta plc</i> <i>ElectroGas Malta Ltd.</i> <i>D3 Power Generation Ltd</i>	IP 0002/07/G	22 September 2017
<i>ElectroGas Malta Ltd</i>	IP 0002/07/Gi	22 September 2017
<i>D3 Power Generation Ltd</i>	IP 0002/07/Gii	22 September 2017
<i>Enemalta plc</i>	IP 0002/07/Giii	22 September 2017

Multiple Operator installations

As indicated in Regulation 6(3) of S.L. 549.76¹, a permit may regulate several parts of an installation operated by different operators. The importance of integrating the operations of each technical unit stems from the definition of “installation” in the provisions of S.L. 549.76, where this is defined as “a stationary technical unit within which one or more activities listed in the regulations concerning integrated prevention and control or in the regulations concerning organic solvents are carried out, and any other directly associated activities on the same site which have a technical connection with these activities and which could have an effect on emissions and pollution”.

In accordance to guidance provided by the Commission, an activity is considered to be a directly associated activity with a Schedule 1 activity if it shares common features, for example: it is part of the same industrial complex; it operates in the same or a related sector; or operates with some collective aspects such as site security.

This installation is therefore being regarded as a multi operator installation.

Functions of the permit

This **Subsidiary permit 1** (IP 0002/21/i) which addresses the operations carried out by Enemalta plc. shall be regarded as part of the Permit IP 0002/21 which consists of four main parts structured so as to include:

- **The Regulatory Framework Permit** addressing the obligation of all Permit Holders and coordinating these obligations due to the nature of the facility as a multi-operator installation (IP 0002/21).
- **Subsidiary Permit 1** addressing the operation carried out by ElectroGas Malta Ltd (IP 0002/21/i);
- **Subsidiary Permit 2** addressing the operations carried out by D3 Power Generation Ltd. (IP 0002/21/ii).
- **Subsidiary Permit 3** addressing the operations carried out by Enemalta plc. (IP 0002/21/iii)
- **Subsidiary Permit 4** addressing the operations carried out by United Equipment Co Ltd. (IP 0002/21/iv)

Variations to the Permit

This Permit may be varied at any time in the future (If the Permit Holder wants any of the Conditions of either the regulatory framework or this specific permit to be changed, a formal application must be submitted to the Competent Authority. When such an application is submitted to the Authority for its consideration, the decision shall be carried out in consultation with the other Permit Holders within this multi operator installation

The **Status Log** within the Introductory Note to any such Variation Notice will include summary details of this Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

Any change in operations shall only be implemented following the granting of a variation of the permit by the Authority.

Surrender of the Permit

Before this Permit can be wholly or partially surrendered, an Application to surrender the Permit has to be made to the Competent Authority by the Permit Holder. For the application to be successful, the Permit Holder must be able to demonstrate to the Competent Authority that there is no pollution and/or public health risk and that no further steps are required to return the site to a satisfactory state.

¹ SL. 549.76 – Industrial Emissions (Framework) Regulations,

The Permit Holder shall notify the other Permit Holders within the installation of any such intent so as to enable these entities to assess the impact of this proposal on their operations and on any obligations arising from either the Framework Permit of the Permit Holder specific Subsidiary Permit.

Transfer of the Permit or part of the Permit

Upon the joint application of a Permit Holder and a proposed transferee, the Permit Holder may request to transfer an environmental permit. The permit shall not be transferred from the Permit Holder without prior approval from the Authority. Upon the Authority's decision to transfer the permit to the transferee, all rights, obligations, liabilities shall subsist onto the transferee.

The Permit Holder shall notify the other Permit Holders within the installation of any such intent so as to enable these entities to assess the impact of this proposal on their operations and on any obligations arising from either the Framework Permit of the Permit Holder specific Subsidiary Permit.

Public Registers

This IPPC Permit and application is available to the public through the Competent Authority in accordance with the requirements of the Industrial Emissions (IPPC) Regulations. The applicant has made a request for certain information of a commercial nature to be withheld from the public. ERA has been supplied with all this information and has accepted the request of the applicant, because it was deemed to be commercially confidential. Alternative text which provides relevant information but does not include the confidential information has however been included in the application.

Status Log

Detail	Date	Comment
<i>Application IP 0002/07</i>	Received 05 February 2007	Not 'duly made'
<i>Response to request for information</i>	Request dated 16 June 2007	Response dated July 2007
<i>Report on boiler conversion for emission reduction</i>	PDS submitted 24 April 2008	Request for further information dated 14 July 2008. Further information submitted 24 September 2008
<i>Noise survey</i>	Report submitted 25 July 2008	
<i>Application 'duly made'</i>	27 April 2009	
<i>Response to request for information</i>	Request dated 27 April 2009	Response received 18 May 2009 Consolidated version received 18 May 2009
<i>Public consultation</i>	Commenced on 21 May 2009	Concluded on 20 June 2009
<i>Re-classification of the phase 1 boilers (from 380 to 332 MW_{TH})</i>	Official letter dated 28 September 2009 plus supporting documents.	
<i>Permit determined A</i>	01 October 2009	
<i>Permit issued A</i>	29 March 2010	
<i>Application for variation of permit to include diesel engines</i>	Application received on 11 February 2010	

Detail	Date	Comment
<i>Response to request for information</i>	Request dated 19 April 2010	Response received 31 May 2010, 17 June 2010 and 26 July 2010
<i>Response to request for information</i>	Request dated 17 September 2010	Response received 12 May and 2 June 2011
<i>Response to request for information regarding NOx emissions</i>	Request dated 24 June 2011	Response received 4 July 2011
<i>Response to request for information regarding socio-economic assessment</i>	Requests dated 24 June, 4 July and 18 July 2011	Response received on 4 August 2011
<i>Response to request for information</i>	Request dated 5 July 2011	Response received on 22 July, 27 July 2011.
<i>Correspondence regarding flue gas volume calculations</i>	Information submitted by Enemalta on 30 June, 8 and 29 July 2011 and 29 August 2011	Request accepted on 4 August 2011
<i>Request for variations to existing permit</i>	Received on 29 July 2011	
<i>Request for consolidated application</i>	Request made on 26 July 2011	Consolidated application received on 17 August (draft) and 23 August 2011 (final)
<i>Air dispersion model</i>	Report submitted on 24 August 2011	
<i>Updated cooling water dispersion modelling study</i>	Received on 7 September 2011	
<i>Public consultation</i>	Started on 24 August 2011	Concluded on 7 October 2011
<i>Renewal and variation B determined</i>	5 December 2011	
<i>Permit B issued</i>	6 December 2011	Permit expires on 6 December 2015 A consolidated permit is being issued
<i>Public consultation on proposed extension to condition 2.2.1.7.9 from September 2012 to June 2013</i>	Started on 17 May 2012	Concluded on 18 June 2012
<i>Variation C determined</i>	12 July 2012	
<i>Permit C issued</i>	23 July 2012	Permit expires on 6 December 2015 A consolidated permit is being issued
<i>Public consultation on proposed extension for HFO use from June 2013 to March 2014</i>	Started on 28 June 2013	Concluded on 28 July 2013
<i>Variation D determined</i>	5 September 2013	
<i>Permit D Issued</i>	17 September 2013	Permit expires on 6 December 2015 A consolidated permit is being issued

Detail	Date	Comment
<i>Public consultation on the determination of the choice of fuel for DPS6</i>	Started on 11 February 2014	Concluded on 12 March 2014
<i>Variation determined</i>	27 March 2014	
<i>Permit E issued</i>	1 April 2104	Permit expires on 6 December 2015. A consolidated permit is being issued.
<i>Permit E extended</i>	1 December 2015	From 06 December 2015 to 06 June 2016
	30 May 2016	From 06 June 2016 to 6 December 2016
	02 December 2016	From 06 December 2016 to 06 June 2017
<i>Request for variations to existing permit by Electrogas Malta Ltd.</i>	13 November 2014	
<i>Request for variations to existing permit by Delimara 3 Power Generation Ltd.</i>	20 February 2015	
<i>Request for renewal and variations to existing permit by Enemalta plc.</i>	4 June 2015	
<i>Responses to request for information</i>	Electrogas Malta Ltd	From 13 November 2014 to 17 October 2016
	D3 Power Generation Ltd	From 20 February 2015 to 17 October 2016
	Enemalta plc	From 4 June 2015 to 17 October 2016
<i>Application Duly made</i>	Electrogas Malta Ltd	18 October 2016
	D3 Power Generation Ltd	18 October 2016
	Enemalta plc	18 October 2016
<i>Public Consultation</i>	Between 19 October 2016 and 27 November 2016	Public consultation extended by 10 days from the original end date of 17 November 2016.
<i>Permit F Determined</i>	19 December 2016	
<i>.Permit F Issued</i>	11 January 2017	Permit Expires: 19 December 2020
<i>Request for partial surrender to existing permit by Enemalta plc</i>	12 April 2017	
<i>Responses to request for information</i>	11 May 2017	
<i>Application Duly made</i>	5 July 2017	
<i>Public Consultation</i>	Between 10 July 2017	Concluded 24 July 2017
<i>Permit G Determined</i>	25 August 2017	

Detail	Date	Comment
<i>Permit G Issued</i>	22 September 2017	Permit expires: 25 August 2021
<i>Permit G extended</i>	9 July 2021	Permit expires: 25 February 2022
<i>Application IP 0002/21</i>	12 February 2021	<i>EGM; variation and renewal</i>
	26 February 2021	D3PG; renewal
	25 February 2021	<i>ENE; renewal and variation</i>
<i>Regulatory consultation</i>	between 23rd April 2021 – 7th May 2021 and between 1st June 2021 – 8th June 2021 and 25th October 2021 – 8th November 2021	
<i>Public Consultation</i>	Commenced on 17 December 2021	<i>Concluded on 02 January 2022</i>
<i>Application Determined</i>	18 February 2022	
<i>Request for amendments To permit conditions</i>	27 th October 2022	
<i>IP 0002/21/V1 (Notification of change in Permit Holder)</i>	<i>Validated 11th August 2023</i>	<i>Incorporated as part of IP0002/21/V2</i>
<i>Exemption request for MCPs CP1, CP2, CP3, CP4 and CP6</i>	12 July 2023	
<i>IP 0002/21/V2</i>	Validated 5 th January 2024	
<i>Exemption request for MCP CP5</i>	9 July 2024	
<i>Notification of change in Permit Holder</i>	15 July 2024	

End of Introductory Note

Notice of Variation **Subsidiary Permit 1**

Integrated Pollution Prevention and Control (IPPC) Permit

Environment Protection Act (CAP. 549)

Industrial Emissions (Framework) Regulations (S.L. 549.76)

Industrial Emission (Integrated Pollution Prevention and Control) Regulations (S.L. 549.77)

Industrial Emissions (Large Combustion Plants) Regulations, (S.L. 549.78)

Variation number: **IP 0002/21/V2/i**

Permit number: **IP 0002/21/i**

Approved Documents: **IP 0002/21/i/DOC1**

The Environment and Resources Authority (hereinafter the Authority; the Competent Authority or ERA) in exercise of its powers under Regulation 7 of the Industrial Emissions (Framework) Regulations, 2013 (S.L. 549.76) ("the Industrial Emissions (Framework) Regulations"), hereby authorises:

ElectroGas Malta Ltd. (hereinafter "the Permit Holder", (Company registration number: **C 60775**)

Of / Whose Registered Office is at:

ElectroGas Malta Ltd.



Q3, Level 16, Quad Central, Central Business District, CBD 1040, Malta

to operate specified plant described in the framework permit and this subsidiary permit 1 of this permit at the installation at:

Delimara Power Station, Delimara, Marsaxlokk, MXK 1320

to the extent authorised by and subject to the conditions of this Subsidiary Permit 1 and applicable conditions in the regulatory framework permit.

This variation is valid until the expiry of the permit IP 0002/21/i which is 4 years from the 'permit granted' date below. An application for renewal is to be submitted at least nine (9) months prior to expiry of the permit.

Environment and Resources Authority		Date Granted:
APPROVAL		10 / 05 / 2022
Board No. 225 Held on 27 September 2024		Variation Granted:
		07.10.2024
Chairman	Secretary 	

Authorised to sign on behalf of the Competent Authority

Covering Page and the permit signature page

1. On the covering page and on the 8th page (the permit signature page) the registered business address shall be amended as follows;

**'ElectroGas Malta Ltd
Q3, Level 16
Quad Central
Central Business District
CBD 1040'**

2. On the 8th page (the permit signature page) the Permit Holder shall be amended from 'Stephen Burton obo ElectroGas Malta Ltd.' to 'ElectroGas Malta Ltd.'

Conditions

Section 1 – General

This permit shall be read in conjunction with the regulatory framework Permit and the subsidiary permits issued to D3 Power Generation Ltd., Enemalta plc. and United Equipment Co. Ltd. which together comprise permit IP 0002/21.

The enclosed notice of variation shall be read in conjunction to the permit with reference to IP 0002/21 and shall take effect as of the date indicated above.

The Authority is hereby varying the Covering Page, the permit signature page, Section 1 (General), Section 2 (Operating Conditions), Schedule 5 and Schedule 6.

Section 1 – General

3. Table 1.1.1 Section 1.1. 'Permitted Activities' shall be replaced as follows;

Table 1.1.1		
Activity listed in Schedule 1 of the Industrial Emissions (IPPC) Regulations / Associated Activity	Description of specified activity	Limits of specified activity
Section 1.1: Combustion installations with a rated thermal input exceeding 50 MW	Generation of electrical energy through the combustion of Natural Gas Installation consists of three Combined cycle gas turbines (DPS7)	From receipt of fuel to delivery of utility.
Associated activity of fuel handling and storage	Handling and storage of Liquefied Natural Gas	a) From receipt of fuel to storage within the Floating Storage Unit to delivery to the Regasification Plant. b) From storage within the Floating Storage Unit to offshore liquefied natural gas

		cargo operations to third parties.
	Handling of Natural Gas	From the regasification of liquid natural gas at the regasification plant to combustion in own plant or delivery to D3PG through the Gas receiving station.
	Handling and storage of gasoil	From receipt of fuel and storage in dedicated tanks to combustion in specified plant.
Associated activity of regasification and gas pressure reduction	<p>Operation of a Regasification Compound;</p> <ul style="list-style-type: none"> a) including IFV technology b) gas compressors, Nitrogen generating plant c) non-visible combustion chamber (NVCC) and a gas receiving station 	From receipt of liquefied natural gas and boil-off gas ("BOG") from the floating storage unit to delivery to D3PG (DPS6) and DPS 7 through the gas receiving station.
Associated activity of other combustion plant	<p>Operation of:</p> <ul style="list-style-type: none"> a) Two FSU main Boilers (58.5MWth each operating at 4.3MWth)² b) (CP1) CCGT emergency diesel gen-set (2.191 MWth) c) (CP2 & CP3) Two FSU Auxiliary boilers (16.25MWth each) d) (CP4) FSU auxiliary diesel gen-set 1 (Yanmar) (3.4 MWth) e) (CP5) FSU auxiliary diesel gen-set 2 	<p>From receipt of natural gas or gasoil to combustion in the specified plant.</p> <ul style="list-style-type: none"> a) Operating on gas oil b) Operating on gas oil c) Operating on natural gas d) Operating on gas oil e) Operating on gas oil

² The two FSU main Boilers (58.5MWth each operating at 4.3MWth) shall only operate while the LNG FSU is mobilised

	(Caterpillar) (4.5 MW th) f) (CP6) FSU Inert Gas Generator (14.33 MW th) g) FSU emergency diesel gen-set (Detroit) (0.45MW th) h) Two gas heating boilers at the gas receiving station (0.42MW th each) i) Regas emergency diesel gen-set (0.54 MW th) j) Jetty firefighting pump (0.9 MW th)	f) Operating on gas oil g) Operating on gas oil h) Operating on natural gas i) Operating on gas oil j) Operation on gas oil
Associated activity of demineralised water polishing	Polishing of demineralised water	From receipt of demineralised water from Enemalta plc. to delivery of utility.
Associated activity of storage, treatment and disposal/recycling of waste materials	Handling, storage, treatment and disposal/recovery of wastes from installation.	From generation of waste to disposal or recycling onsite or offsite.
Associated activity of maintenance	Maintenance carried out in any workshop in the installation.	From maintenance activity to appropriate recovery/disposal of any wastes created.

4. Condition 1.3.1 in section 'Information to the public' shall be amended as follows;

The Permit Holder shall make emission data (most recent hourly, daily and monthly average values and results of the most recent discontinuous measurement) publicly available via the Internet not later than 30 days after the production of such data. Nonetheless such data shall be made available to the Authority upon request within 24 hours. Such data shall be uploaded on the Electrogas Malta Ltd.'s website.

5. An additional improvement programme item (no 2) shall be included in condition 1.5.1, and improvement programme item 1b shall be amended as follows;

Electrogas Malta Ltd. subsidiary permit 1: IP 0002/21/V2/i		
Reference	Requirement	Deadline
1	(a) Submission of a method statement showing how the monitoring requirements for CP6 will be sampled and tested. This is to include frequency of monitoring.	(a) Within 2 months of the granting of the permit

	(b) First measurement for the air monitoring as approved by 1(a) above.	(b) During the First FSU tank inspection following the granting of the permit
2	Submission of performance tests following the completion of the upgrades to the three gas turbine (SGT-800 B1 units)	By end Q4 2024

6. Condition 1.6.3 in section ‘Derogation from BAT shall be replaced by;

The justification for the application of the provisions of Regulation 8(4) of SL 549.77 is documented in Schedule 5 of this Permit.

7. Condition 1.7.2 in section ‘Fuel supply points’ shall be replaced by;

The supply of natural gas for combustion in the plant specified in Table 1.1.1 of Subsidiary Permit IP 0002/21/ii shall be without prejudice to the subsequent conditions of this Permit

Section 2 – Operating Conditions

8. Table 2.2.1 in condition 2.2.1 under section ‘Emissions to Air from Specified Points: General Considerations’ shall be replaced by the following:

Table 2.2.1 Emission points to air and associated authorised fuel usage					
Release point	Source	Fuel	Total Thermal Rating	UTM Co-ordinates ³	
			MW TH	x-coordinates	y-coordinates
D7A	CCGT 1 (main stack)	Natural Gas	151.1	459763.81	3965808.50
D7B	CCGT 1 (By-pass stack)			459753.82	3965823.29
D7C	CCGT 2 (main stack)		151.1	459750.96	3965798.51
D7D	CCGT 2 (By-pass stack)			459739.98	3965813.33
D7E	CCGT 3 (main stack)		151.1	459737.29	3965788.49
D7F	CCGT 3 (By-pass stack)			459726.41	3965803.37
D7G	Gas receiving station gas boiler 1		0.42	460017.00	3965650.59

³ Zone 33s, datum ED 50, ellipsoid – Hayford International.

D7H	Gas receiving station gas boiler 2		0.42	460015.24	3965649.32
D7I	FSU Main Boiler 1	Gas oil	58.5 ⁴ (operating at 4.3)	459771.98	3965155.31
	FSU Main Boiler 2		58.5 ⁵ (operating at 4.3)		
	FSU Aux Boiler 1 (CP2)	Natural Gas	16.25 ⁵		
	FSU Aux Boiler 2 (CP3)		16.25 ⁶		
D7J	FSU auxiliary diesel gen-set 1 (Yanmar) (CP4)	Gas oil	3.4	459767.92	3965159.89
D7K	FSU emergency diesel gen-set (Detroit)		0.45	459756.48	3965156.77
	FSU auxiliary diesel gen-set 2 (Caterpillar) (CP5)		4.5		
D7L	CCGT emergency Gen Set (CP1)		2.19	459697.65	3965817.67
D7M	Re-gas emergency Gen Set		0.54	459991.14	3965291.35
D7N	Non Visible Combustion Chamber (NVCC)	Natural Gas	226	459965.48	3965248.89
D7O	Inert Gas Generator (CP6)	Gas oil	14.33	459771.98	3965155.31
D7P	Jetty firefighting pump	Gas oil	0.9	459867	3964941

9. Condition 2.2.39 in sub-section 'Emissions to Air: Combustion plants (rated thermal input < 50MWTH)' shall be replaced as follows;

⁴ the 2 X FSU main Boilers (58.5MWth each operating at 4.3MWth) shall only operate when the LNG FSU is mobilised under conditions stipulated by the COMAH competent Authority, Transport Malta and ERA.

⁵ The 2 X FSU Aux. boilers (16.25MWth each) shall only operate while the LNG FSU is immobilised.

The Permit Holder is exempted from compliance with the emission limit values for CP1, CP2, CP3, CP4, CP5 and CP6 until such time that the rolling average of the operating hours over five years does not exceed 500 hours or as communicated by the Authority. The exemption shall only exempt the Permit Holder from compliance with the emission limit values set out in Table 2.2.36.

10. Condition 2.2.44 in sub-section 'Emissions to Air: Combustion plants (rated thermal input < 50MWTH)' shall be replaced by the following;

The Permit Holder shall submit certification for D7G, D7H, D7K, D7M and D7P referred to in Table 2.2.36, by an independent warranted engineer showing that the combustion plant/equipment is in good working condition every four years. The certifications shall be submitted as part of the Annual Environmental Report (AER).

11. Condition 2.2.48 in sub-section 'Monitoring Provisions and Emergency considerations' shall be replaced by the following;

All abatement equipment and ducting shall be kept in good condition.

12. Condition 2.2.49 in sub-section 'Monitoring Provisions and Emergency considerations' shall be replaced by the following;

The operator shall submit monitoring results for the CP1 – CP6 referred to in Tables 2.2.1 and 2.2.36 from an independent warranted engineer every 3 years or one year before the expiry of the Permit, whichever comes first. The Authority reserves the right to require an increase in the frequency of such measurements. The certification for CP6 shall be submitted as part of the Annual Environmental Report (AER) with the first measurement taken as per the requirements of improvement programme item 1b.

13. Condition 2.4.6 in sub-section 'Discharges to Marine Water: Requirements for Waste Water arising from Non-process Water' shall be replaced with the following;

The oily water separator system shall have a continuous hydrocarbon detector with alarm. No discharge of wastewater is allowed if the emission limit value is exceeded. Detection of oily water at external tie in point TP18 D4, above the emission limit value or following a notification from the Permit Coordinator regarding detection of oily water at discharge point 1 shall be followed by immediate investigation and appropriate mitigation measures.

14. An additional condition 2.4.9 in sub-section 'Discharges to Marine Water: Requirements for Waste Water arising from Non-process Water' shall be introduced following condition 2.4.8;

The Permit Holder shall carry out a visual examination of the discharge for points 6 and 7 listed in Table 2.4.1. The Permit Holder shall maintain a log of such inspections. It shall be ensured that no visible oil layer is present in surface water prior to discharge. Surface water that appears contaminated shall be treated prior to discharge to seawater.

Section 3 – Reporting

No changes

Section 4 – Interpretation

No changes

Schedules 1

No changes

Schedule 2 – Annual Environmental Report

No changes

Schedule 3 – Quarterly Reporting

No changes

Schedule 4 – Monthly Reporting

No changes

Schedule 5 - Template for Exemption from Emission Limit Values

Shall be removed.

Schedule 6 - Derogation from BAT

Shall be renamed as Schedule 5 - Derogation from BAT.

END OF NOTICE