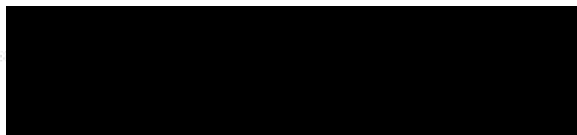**SCOTTISH ENVIRONMENT PROTECTION AGENCY**

POLLUTION PREVENTION AND CONTROL ACT 1999

POLLUTION PREVENTION AND CONTROL (SCOTLAND) REGULATIONS 2012 ("THE REGULATIONS")

NOTICE OF VARIATION TO PERMIT

Permit No:	**PPC/A/1013494 (As Varied)**
To:	**ExxonMobil Chemical Limited**
Address:	**Ermyn House**
	Ermyn Way
	Leatherhead
	KT22 8UX

The Scottish Environment Protection Agency ("SEPA"), in exercise of its powers under Regulation 46 of the Regulations, hereby gives you notice that it has decided, to vary permit PPC/A/1013494 (As Varied) granted under the Regulations The variations are specified in the Schedule to this notice and take effect on 26 November 2019.

Authorised to sign on behalf of the
Scottish Environment Protection Agency

Date: 26 November 2019

Right of Appeal
Under Regulation 58 of the Regulations you are entitled to appeal to the Scottish Ministers against the conditions attached to this Notice, except where SEPA has served this Notice to implement a direction to SEPA of the Scottish Ministers. The bringing of an appeal will not have the effect of suspending the operation of the conditions attached to this Notice. The procedures and timescales for the making of an appeal are set out in Schedule 8 of the Regulations.

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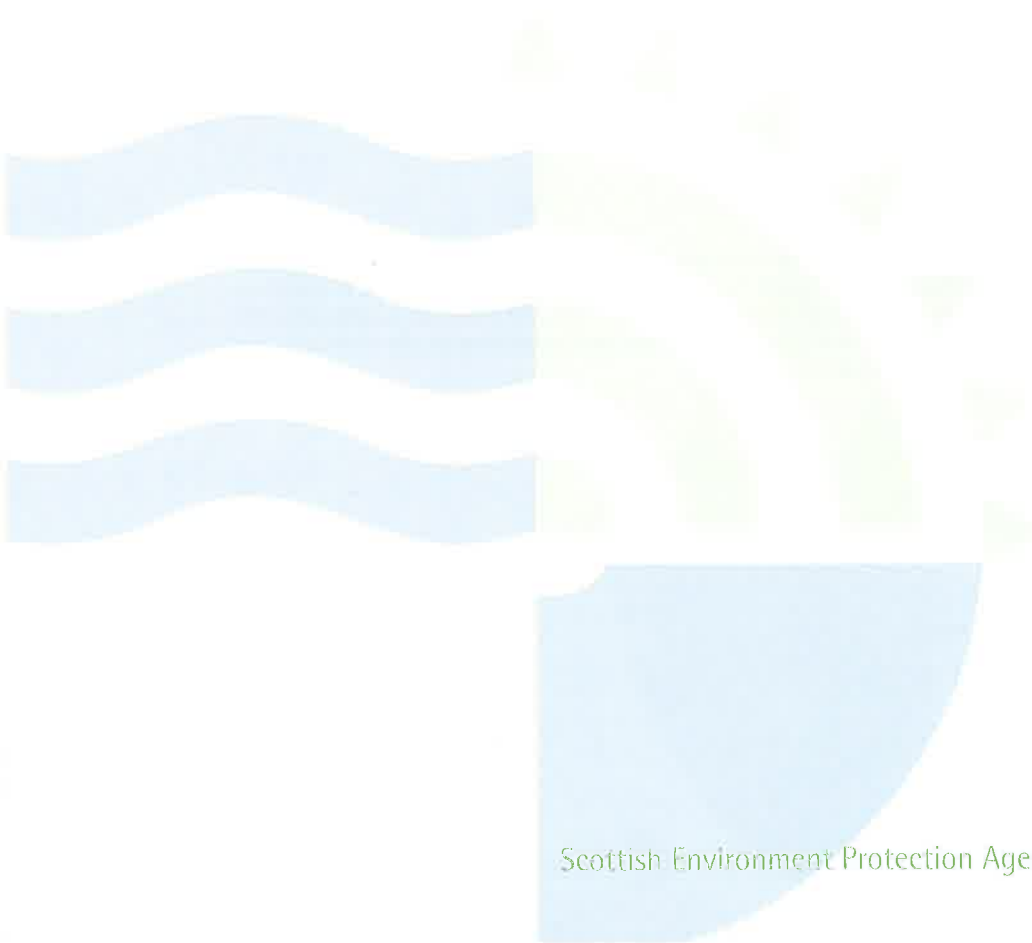
SCOTTISH ENVIRONMENT PROTECTION AGENCY

POLLUTION PREVENTION AND CONTROL ACT 1999

**POLLUTION PREVENTION AND CONTROL (SCOTLAND) REGULATIONS 2012
("THE REGULATIONS")**

SCHEDULE TO NOTICE OF VARIATION UNDER REGULATION 46(8)

Operator: **ExxonMobil Chemical Limited**
Permit Number: **PPC/A/1013494 (As Varied)**
Date of Permit: **29 October 2007**
Variation No: **VN08**

Permit number PPC/A/1013494 (As Varied) has been varied as follows

1. In the Interpretation of Terms, a new terms are added as follows:

"Start-up" and "shut-down" has the same meaning as in the Commission Implementing Decision (2012/249/EU), OJ L 334, 17.12.2000, p.17.

2. In Schedule 1, a new paragraph, 1.1.4.1 (g) is added as follows;

1.1.4.1 (g) 7 combustion plants, M146, M161, M162, M163, M164, M165 and M166, each having a net rated thermal input of 8.2 MWth and 2 fired super heaters, M174+M643 and M175+M644, each having a net thermal input of 1.5 MW, all using natural gas as a fuel.

3. In Schedule 2, the following rows are inserted into Table 2.1:

Table 2.1 - Reporting and Notification Requirements

Summary of Information to be Reported or Notified	Condition	Date/Within period/ Frequency to be Reported	Date First Report Due
Measurement of emissions from combustion plants, M146, M161, M162, M163, M164, M165, M166, M174+M643 and M175+M644.	4.1.8	Within two weeks from first operation of plant	Within 7 days of being available.
Type and quantity of fuel use in combustion plants M146, M161, M162, M163, M164, M165, M166, M174+M643 and M175+M644	4.1.9	Recording only - for period of operation	Not applicable

4. In Schedule 4, the emission points A 20 to A 28 inclusive are added to Table 4.1 as follows as follows;

Table 4.1 – Emissions to Air ELVs

		A20	A21	A22	A23	A24	A25	A26	A27	A28
Source of Emission	Emission point number									
	Emission source	Temporary boiler (M146)	Temporary boiler (M161)	Temporary boiler (M162)	Temporary boiler (M163)	Temporary boiler (M164)	Temporary boiler (M165)	Temporary boiler (M166)	Temporary fired super-heater (M174+M643)	Temporary fired super-heater (M175+M644)
	Stack height/ diameter (m)	8.2/0.8	8.2/0.8	8.2/0.8	8.2/0.8	8.2/0.8	8.2/0.8	8.2/0.8	9.9/0.6	9.9/0.6
Monitoring Details	Type of Monitoring	SS	SS	SS	SS	SS	SS	SS	SS	SS
	Sampling Location	Stack	Stack	Stack	Stack	Stack	Stack	Stack	Stack	Stack
Limits for Parameters from Emission Source	Oxides of Nitrogen mg/m³	200	100	100	100	100	100	100	100	100
	Carbon Monoxide mg/m³	-	-	-	-	-	-	-	-	-
	Smoke	Ringelmann Shade 2 > 30mins at Start Up then Ringelmann Shade 1	Ringelmann Shade 2 > 30mins at Start Up then Ringelmann Shade 1	Ringelmann Shade 2 > 30mins at Start Up then Ringelmann Shade 1	Ringelmann Shade 2 > 30mins at Start Up then Ringelmann Shade 1	Ringelmann Shade 2 > 30mins at Start Up then Ringelmann Shade 1	Ringelmann Shade 2 > 30mins at Start Up then Ringelmann Shade 1	Ringelmann Shade 2 > 30mins at Start Up then Ringelmann Shade 1	Ringelmann Shade 2 > 30mins at Start Up then Ringelmann Shade 1	Ringelmann Shade 2 > 30mins at Start Up then Ringelmann Shade 1

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5. In Schedule 4, the following rows are added to Table 4.2;

Table 4.2 - Emissions to Air Monitoring Requirements

Parameter	Emission point number	Spot Sampling (SS)		
		Standard	Frequency	Operational Mode
Oxides of Nitrogen	A20 to A28	Direct measurement using Flue Gas Analyser	6 monthly	Operating under stable conditions at a representative even load; Not undergoing start-up or shut-down;
Carbon Monoxide	A20 to A28	Direct measurement using Flue Gas Analyser	6 monthly	Operational
Smoke	A20 to A28	BS 2742:1969	Start Up / Shut Down	Start Up/ Shut Down
			Daily	Operational
Oxygen %	A20 to A28	Direct measurement using Flue Gas Analyser	6 monthly	Operational

6. In Schedule 4, the following rows are added to Table 4.3;

Table 4.3 - Reference Conditions

Emission Point Number	Reference Condition
A20 to A28 inclusive	Dry, 273K, 101.3kPa, Oxygen 3%v/

7. In Schedule 4, a new conditions 4.1.7 to 4.1.9 are added as follows:

4.1.7   All reasonable steps must be taken to ensure periods of start-up and shut-down of combustion plants, M146, M161, M162, M163, M164, M165, M166, M174+M643 and M175+M644 are kept as short as possible.

4.1.8   The first measurement of emissions from combustion plants, M146, M161, M162, M163, M164, M165, M166, M174+M643 and M175+M644 must be taken within two weeks from the first operation of each combustion plant and submitted to SEPA within 7 days of being available.

4.1.9   Records must be kept of the type and quantity of fuel use in combustion plants M146, M161, M162, M163, M164, M165, M166, M174+M643 and M175+M644.

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