

**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/1013107 (As Varied)**To:** INEOS FPS Limited**Address:** INEOS FPS Ltd  
PO Box 21  
Bo'ness Road  
Grangemouth  
FK3 9XH

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/1013107 (As Varied) granted under the Regulations. The variations are specified in the Schedule to this notice and take effect on 4 May 2021.



Date: 4 May 2021

Authorised to sign on behalf of the  
Scottish Environment Protection AgencyRight 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.



**SCOTTISH ENVIRONMENT PROTECTION AGENCY**

2. In Schedule 4 Condition 4.1.4 is deleted and replaced as follows:

4.1.4 From 9 November 2020, the fired heater B3101 (Emission point A5) shall comply with the NOx BAT AEL of 150mg/Nm<sup>3</sup>.

3. In Schedule 4 Conditions 4.3.14 and 4.3.15 are deleted and replaced as follows:

4.3.14 From 18 December 2020, tank T1702B shall be operational and in service.

4.3.15 From 1 September 2021, tank T1701A shall be operational and in service.

4. In Schedule 4, Table 4.1 is deleted and a new Table 4.1 is inserted:

**Table 4.1 - Emissions to Air ELVs**

Source of Emission	Emission point number	A1	A2	A3	A4	A5	A18
	Large Combustion Plant	No –DCS logic and fuel gas control valve clamps <50MW	No	No	No	No (software clamps applied at 49MW)	No
	Stack height/diameter (m)	30/ 4	40/ 1.32	25/ 1.6	35/ 1.9	48/ 2.45	9.2/ 0.71
	Tag number	B1101	B1801	J3301	J3302	B3101	H101

	<b>NGR</b>	295839 680483	295786 680483	296113 680474	296138 680469	296139 680459	294593 683728
<b>Monitoring Details</b>	<b>Type of Monitoring</b>	SS	SS	SS	SS	SS	
	<b>Sampling Location</b>	Four 6" nozzles for particulates and one 2" nozzle for gases located on top platform on exhaust stack	TI18006 - 3/4" fitting located on platform at top of firebox (North side)	TI3231 - 3/4" fitting located at ground level on the North side of exhaust trunking next to J3301	TI3236 - 3/4" fitting located at ground level on the North side of exhaust trunking next to J3302	TI31013 - 3/4" fitting located on platform at top of firebox (South side)	
<b>Limits for Parameters from Emission Source (mg/Nm<sup>3</sup>)</b>	<b>Sulphur Dioxide (SO<sub>2</sub>)</b>	35	35	35	35	35	
	<b>Nitrogen Oxides (as NO<sub>2</sub>)</b>	200 Note <sup>1</sup> 120 (gas turbines) Note <sup>2</sup> 150 (auxiliary burners) Note <sup>2</sup>	350 Note <sup>3</sup> 150 Note <sup>4</sup>	200 Note <sup>5</sup> 120 Note <sup>6</sup>	200 Note <sup>1</sup> 120 Note <sup>2</sup>	350 Note <sup>7</sup> 150 Note <sup>8</sup>	
	<b>Carbon Monoxide (CO)</b>	150 Note <sup>1</sup> 100 Note <sup>2</sup>	100	100	100	100	
	<b>Particulates</b>	5					
	<b>Smoke</b>	Emissions to air during normal operations shall be free from visible smoke, except when starting up from cold using gasoil where visible smoke shall not exceed the equivalent of Ringelmann shade 2 within the first 5 minutes, each assessment being made in accordance with BS2742:1969 or its Addendum No 1 (1972)					

Note 1: Until 31 December 2023

Note 2: From 1 January 2024

Note 3: Until 31 December 2022

Note 4: From 1 January 2023

Note 5: Until 31 October 2026

Note 6: From 1 November 2026

Note 7: Until 8 November 2020

Note 8: From 9 November 2020

**Table 4.1 - Emissions to Air ELVs (continued)**

Source of Emission	Emission point number	A8	A9	A10	A11	A13	A14	A15	A16	A12	A17	A19	A20	A21	
	Large Combustion Plant	No	No	No	No	No	No	No	No	No	No	No	No	No	No
	Stack height/diameter (m)	12/ 70 m <sup>2</sup> array	12/ 70 m <sup>2</sup> array	12/ 70 m <sup>2</sup> array	12/ 70 m <sup>2</sup> array	12/ 86 m <sup>2</sup> array	12/ 86 m <sup>2</sup> array	12/ 86 m <sup>2</sup> array	12/ 86 m <sup>2</sup> array	45/ 1.22	88/ 1.22	Firebox 3.25 m width, 12.4 m length	Firebox 3.25 m width, 12.4 m length	19/0.075	
	Tag number	BJ701	BJ702	BJ703	BJ704	BJ 3702D	BJ 3702C	BJ 3702B	BJ 3702A	BJ705	BJ3701	Ground Flare B	Ground Flare A	J301, J301A, J401 Vents	
	NGR	295841 680783	295841 680783	295841 680783	295841 680783	295878 680796	295878 680796	295878 680796	295878 680796	295724 680760	296008 680803	294518 683690	294502 683699	295813 680541	
Monitoring Details	Type of Monitoring														
	Sampling Location														
Limits for Parameters from Emission Source	Hydrogen Sulphide									150 kg/day 10 kg/hour					
	Smoke	Flaring shall not give rise to dark smoke greater than the equivalent of Ringelmann shade 2 for longer than 30 minutes in any hour, each assessment being made in accordance with BS2742:1969 or its Addendum No 1 (1972)												N/A	

5. In Schedule 5 the following Conditions 5.1.16 and 5.1.21 have been deleted and replaced as follows:

5.1.16 From 9 November 2020, Ground flares BJ3702A and BJ3702C shall each operate with a capacity of 25 tonnes per hour.

5.1.21 From 9 November 2020, the Train 3 elevated flare BJ3701 (Emission Point A17) shall operate using a Zeeco High Capacity Lower Steam (HCLS) flare burner (tip).