

Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Safran Landing Systems UK Ltd
Cheltenham Road East
Gloucester
Gloucestershire
GL2 9QH

Variation application number

EPR/AP3433BQ/V004

Permit number

EPR/AP3433BQ

Safran Landing Systems UK Ltd

Permit number EPR/AP3433BQ

Introductory note

This introductory note does not form a part of the notice.

The following notice gives notice of the variation of an environmental permit.

The following changes are authorised by this variation:

- Replacement of a Cadmium plating line (Line V) with a Zinc/Nickel plating line (Line Z) at the same location;
- Reconfiguration of the plating shop basement, floor and bunding system as part of the installation of Line Z;
- Installation of a new in-line effluent treatment plant and effluent storage tanks as part of the Line Z installation;
- Installation of a new fume extraction and abatement system;
- Use of new raw materials;
- Updated emission point reference numbers A1 to A14 and monitoring requirements;
- Removal of emission limits relating to Total Particulates to air and Free Cyanide to sewer and associated monitoring and reporting requirements; and
- Removal of reporting requirement for Flow (m³/day) to sewer

There will be no change to the emissions to controlled waters and sewer from the change in operation.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Messier -Dowty Ltd AP3433BQ	Received 29/07/04	
Response to request for information	Request dated 30/09/04, 11/10/04 &, 06/12/04 and 08/12/04,	Response dated 20/10/04, 30/11/04, 08/12/04, 17/12/04 and 14/01/05.
Permit determined	14/02/05	
Notified of change of Company Name	26/03/18	Name changed to Safran Landing Systems UK Ltd
Variation issued EPR/AP3433BQ	03/04/18	Varied permit issued to Safran Landing Systems UK Ltd
Variation application EPR/AP3433BQ/V004	Duly made 02/09/20	Application to vary the permit
Further information	Received by email 07/12/20, 10/12/20 & 11/12/20	Schedule 5 response.
Variation issued EPR/AP3433BQ/V004	02/02/21	

End of introductory note

Notice of variation

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/AP3433BQ

Issued to

Safran Landing Systems UK Ltd (“the operator”)

whose registered office is

**Cheltenham Road East
Gloucester
Gloucestershire
GL2 9QH**

company registration number 03548809

to operate a regulated facility at

**Safran Landing Systems UK Ltd
Cheltenham Road East
Gloucester
Gloucestershire
GL2 9QH**

as follows on the permit page the Name of the operator has changed from Messier-Dowty Limited to Safran Landing Systems UK Ltd

This notice shall take effect from 02/02/21.

Name	Date
Daniel Timney	02/02/2021

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

1. Table 2.2.2 referenced in condition 2.2.1.3 is deleted.

Table 2.2.2 : Emission limits to air and monitoring

Emission reference	point	Parameter	Limit (including Reference Period) ¹	Monitoring frequency	Monitoring method ²
A6, A7, A8, A9, A10, A11, A12		Total particulate matter	10 mg/m ³	Annual	BS EN 13284-1

Note 1: See Section 6 condition 6.1.3.2 of permit document for reference conditions

Note 2: Or as agreed in writing with the Agency

Schedule 2 – conditions to be amended

The following conditions are amended as a result of the application made by the operator

1. Table 1.1.1 referenced in condition 1.1.1 is amended as follows.

Table 1.1.1

Activity listed in Schedule 1 of the PPC Regulations / Associated Activity	Description of specified activity	Limits of specified activity
Section 2.3 Part A(1)(a) Surface Treating Metals and Plastic Materials	Surface Treatment of Metals	From receipt of raw materials to despatch of products and waste.
Directly Associated Activity	Effluent Treatment	Treatment of process effluent prior to discharge to public sewer.
Directly Associated Activity	Poison Store	Storage of specific chemicals
Directly Associated Activity	Disposal of surface water	Form collection to dispatch into Hatherley Brook or ETP
Directly Associated Activity	Effluent treatment – Zn/Ni Line	Treatment of process effluent prior to recycling back to process.

2. Table 1.4.1 referenced in condition 1.4.1 is amended as follows:

Table 1.4.1: Improvement programme		
Reference	Requirement	Date
IP9	The operator shall provide written notification to the Environment Agency of the date when commissioning of Line Z is complete.	Within 1 month of the completion of commissioning
IP10	Following the commissioning of the facility, the operator shall submit a written report to the Environment Agency for approval, detailing the outcome of the commissioning programme. The report shall include the identification of any changes to the operating techniques provided in the variation application.	Within 3 months of completion of commissioning
IP11	Sampling and analysis, using methods agreed with the Agency, shall be conducted to determine the concentration and mass release of substances emitted from the release points A3 (Z line stack) for those substances as detailed in Table 2.10.1. A report shall be submitted to the Agency.	Within 6 months of completion of commissioning
IP12	The Operator shall submit a report in writing to the Environment Agency reviewing the substitution, reduction in use and/or the reduction in emissions to air of Chromium VI or provide a justification if this is not feasible. The timescale for the implementation of any improvements identified in the report that shall be agreed by the Agency in writing.	12 months from date of variation

3. Table 2.1.1 referenced in condition 2.1.1 is amended as follows

Table 2.1.1: Operating techniques		
Description	Parts	Date Received
Application	The response to questions 2.3 on pages 26-27, figure 1 on page 29, laboratory analysis page 30, Waste streams to ETP and Discharge Control page 35, figure 7 page 41.	29/07/04
Application	Operational procedure for in-house monitoring of effluent 'out' batches to sewer pages 36-38	29/07/04
Application	Operational procedure for Interceptor discharge control EMP 4.4.6.3 as amended.	17/12/04
Application	Bund Inspection procedure 4.4.6.7 page 85	29/07/04
Variation Application EPR/AP3433BQ/V004	Application forms Parts C2 and C3 and associated supporting documents.	02/09/20
Variation Application EPR/AP3433BQ/V004 Further information	Schedule 5 response documents and drawings.	07/12/20, 10/12/20 & 11/12/20

4. Table 2.2.1 referenced in condition 2.2.1.2 is amended as follows

Table 2.2.1 : Emission points to air		
Emission point reference or description	Source	Location of emission point
A1	J20 and J30 Line - Cadmium	Point A1 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11
A2	J12 and J18 Line – Nickel and Cadmium	Point A2 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11
A3	Line Z - Zinc/Nickel Line	Point A3 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11
A4	Line W - Chromium Line	Point A4 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11
A5	Line X - Cadmium	Point A5 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11
A6	F3 (F1) Line - Chromium	Point A6 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11
A7	F4 (F2) Line - Chromium	Point A7 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11
A8	E2 Line - Chromium	Point A8 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11
A9	E1 Line - Chromium	Point A9 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11
A10	Not operational	Point A10 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11
A11	D Line - Chromium	Point A11 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11 Point A1 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11.11
A12	Not operational	Point A12 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11
A13	N Line, Nickel	Point A13 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11
A14	Nickel coating robot - Nickel	Point A14 on drawing WE3527 dated 19.02.10 – latest revision 22.03.11

5. Table 2.2.8 referenced in condition 2.2.2.8 is amended as follows

Table 2.2.8 : Emission limits and monitoring frequency to sewer					
Emission reference	point	Substance	Limit (including Reference Period)	Monitoring frequency	Monitoring method ¹
S1		pH	6.0 – 10.0	Continuous	BS6068-2.50:1995, ISO 10523:1984
S1		Cadmium and its compounds	0.01 mg/l	Quarterly spot	BS ISO 17294-2:2003 BS 6068-2.89:2003
S1		Total chromium and its compounds	3.0 mg/l	Quarterly spot	BS ISO 17294-2:2003 BS 6068-2.89:2003
S1		Nickel and its compounds	2.0 mg/l	Quarterly spot	BS ISO 17294-2:2003 BS 6068-2.89:2003
S1		Cadmium and its compounds	0.01mg/l	Annual	Compliance based on Mass Balance calculation
S1		Mercury and its compounds	0.005 mg/l	Annual	Compliance based on Mass Balance calculation

6. Condition 2.4.1.1 is amended as follows

2.4.1.1 maintain the raw materials table or description submitted in response to Section 2.4 of the Application and in Annex G of the variation application AP3433BQ/V004 and in particular consider on a periodic basis whether there are suitable alternative materials to reduce environmental impact;

7. Condition 2.6.2 is amended as follows

2.6.2 The Operator shall maintain the waste recovery or disposal table or description submitted in response to Section 2.6 of the Application and in the variation application AP3433BQ/V004 Schedule 5 response, dated 07/12/20 and in particular review the available options for waste recovery and disposal for the purposes of complying with condition 2.6.1 above.

8. Table 2.10.1 referenced in condition 2.10.2 is amended as follows

Table 2.10.1 : Other monitoring requirements				
Emission point reference or source or description of point of measurement	Substance or parameter	Monitoring frequency	Monitoring method	Other specifications
S1	Flow (m ³ /day)	Continuous		
A1, A2, A5	Cadmium and its compounds	Annual	BS EN 14385: 2004	
A4, A6, A7, A8, A9, A11	Chromium and its compounds	Annual	BS EN 14385: 2004	
A2, A3, A13	Nickel and its compounds	Annual	BS EN 14385: 2004	
A3	Zinc and its compounds	To be determined on completion of IP12	BS EN 14385:2004	

9. Table S2 in Schedule 2 is amended as follows

Table S2: Reporting of monitoring data			
Parameter	Emission point	Reporting period	Period begins
pH	S1	Every 3 months	01/01/05
Cadmium and its compounds mg/l	S1	Every 3 months	01/01/05
Cadmium gm	S1	Every 12 months	01/01/05
Total chromium and its compounds mg/l	S1	Every 3 months	01/01/05
Nickel and its compounds mg/l	S1	Every 3 months	01/01/05
Mercury and its compounds mg/l	S1	Every 3 months	01/01/05
Mercury gm	S1	Every 12 months	01/01/05
Cadmium and its compounds mg/m ³	A1, A2, A5	Every 12 months	01/02/21
Chromium and its compounds mg/m ³	A4, A6, A7, A8, A9, A11	Every 12 months	01/02/21
Nickel and its compounds mg/m ³	A2, A3, A13	Every 12 months	01/02/21
Nickel and its compounds mg/m ³	A3	Every 3 months	01/02/21
Zinc and its compounds mg/m ³	A3	Every 3 months	01/02/21
Water usage	N/a	Every 12 months	01/01/05
Energy usage	N/a	Every 12 months	01/01/05
Waste disposal and/or recovery.	N/a	Every 12 months	01/01/05

10. Table S3 in Schedule 3 is amended as follows

Table S3: Reporting forms		
Media / parameter	Form Number	Date of Form
Air	A1	February 2021
Sewer	S1	February 2021
Energy	E1	February 2021
Waste Return	R1	February 2021
Water usage	WU1	February 2021
Mass Emissions	M1	February 2021

Schedule 3 – conditions to be added

None

Schedule 4 – amended plan

