competent authority logo

# EMISSIONS MONITORING PLAN

Aircraft Operator Name

«${(params.empContainer.emissionsMonitori»

CRCO Identification Number

«${(params.empContainer.emissionsMonitori»

Emissions Monitoring Plan Reference

«${(permitId)!}»

Issue Date

«${(currentDate?date?string('dd MMMM yyyy»

Emissions Monitoring Plan Version

«${(params.consolidationNumber)!}»

Issued by the «${(competentAuthority.name)!}»

Information

This emissions monitoring plan comprises two parts:

* Part 1 contains a series of emissions monitoring plan conditions with which you must comply;
* Part 2 contains the aspects of your emissions monitoring plan that are relevant to any aviation activities within the scope of UK ETS as approved by your regulator, and is issued under the Greenhouse Gas Emissions Trading Scheme Order 2020 (the Order);

Talking to us

You can contact us by email on «${(competentAuthority.email)!}». If you need to contact us, please quote the emissions monitoring plan reference and/or CRCO identification number, as they appear on the front of this emissions monitoring plan.

Variation to the emissions plan

If you need to make a significant change, or modification to your emissions monitoring plan, please log into your METS account and click on the link to “Vary your EMP” under Related Actions .

Notifications

If you need to let us know about anything other than a significant change or modification that might affect the accuracy of your emissions monitoring plan, or your ability to comply with it, please contact us at «${(competentAuthority.email)!}».

Subsistence Charge

More information on UK ETS charging is available on the «${(competentAuthority.name)!}»’s website at:

<https://www.gov.uk/>

Regulator’s address

You can get advice from your regulator about the application process and the information required in the emissions monitoring plan form by contacting them through their helpdesk.

Email to: «${(competentAuthority.email)!}»

Information and Guidance

Information and guidance are available at:

<https://www.gov.uk/government/publications/participating-in-the-uk-ets/participating-in-the-uk-ets>

## Part 1

## Emissions Monitoring Plan Conditions

### Conditions relating to flights subject to UK ETS obligations from 1 January 2021

An aircraft operator that is required to monitor and report emissions under the Order must comply with the following emissions monitoring plan conditions.

1. Where the emissions plan holder proposes to make a significant modification to its emissions monitoring plan under Article 15 of the MRR, the emissions monitoring plan holder must apply to the regulator for a variation of its emissions monitoring plan at least 14 days prior to making the change or, where this is not practicable, as soon as possible thereafter and such application must:
2. include a description of the change; and
3. set out how it affects the information contained in the emissions monitoring plan.
4. Where the emissions monitoring plan holder makes a change to its emissions monitoring plan under Article 14 of the MRR or Article 59(4) of the MRR that is not a significant modification, the emissions monitoring plan holder must notify the regulator by 31 December in the year in which the change occurred and such notification must:
5. include a description of the change;
6. set out how it affects the information contained in the emissions monitoring plan; and
7. explain how the change is in accordance with the MRR.
8. Where the name or the registered address of the emissions monitoring plan holder is changing or has changed, the emissions monitoring plan holder must notify to the regulator either before or as soon as practicable following the change.
9. Where the emissions monitoring plan holder uses any of the tools referred to in Article 55(2) of the MRR and exceeds the threshold referred to in Article 55(1) of the MRR in respect of flights that are within the scope of UK ETS, the emissions monitoring plan holder must notify the regulator within 14 days of exceeding the threshold or, where this is not practicable, as soon as possible thereafter.
10. Where a verification report issued in accordance with Article 27 of the Verification Regulation states outstanding non-conformities or recommendations for improvements as specified in Article 69(4) of the MRR, the emissions monitoring plan holder must submit a report to the regulator in accordance with the requirements of that Article 69 of the MRR by 30 June of the year in which the verification report is issued or by an alternative date set by the regulator.
11. The emissions monitoring plan holder must keep records of all relevant data and information in accordance with Article 67 of the MRR.
12. For Scheme Years 2021 to 2030 (1 January 2021 - 31 December 2030) the emissions monitoring plan holder must report its verified aviation emissions in accordance with Article 33 of the Order.
13. Simplified Verification requirements

The aviation emissions in the report of the emissions monitoring plan holder shall be considered verified as satisfactory for the purposes of UK ETS if, in the Scheme Year the report relates to, the emissions plan holder had:

* 1. emissions from full-scope flights of less than 25,000 tonnes, or
  2. emissions from aviation activities of less than 3,000 tonnes;

and the emissions monitoring plan holder has determined its aviation emissions using the small emitters tool approved under Commission Regulation (EU) No 606/2010 populated with data from the Eurocontrol ETS support facility.

### Definitions

1. In this emissions monitoring plan:
2. the “Monitoring and Reporting Regulation” or “MRR” means Commission Implementing Regulation (EU) No 2018/2066 of 19 December 2018 on the monitoring and reporting of greenhouse gas emissions pursuant to Directive 2003/87/EC of the European Parliament and of the Council, as amended by the Order;
3. “the Order” means the Greenhouse Gas Emissions Trading Scheme Order 2020 (2020, No.1265), as amended from time to time;
4. the “Verification Regulation” means Commission Implementing Regulation (EU) 2018/2067 of 19 December 2018 on the verification of greenhouse gas emission reports and tonne-kilometre reports and the accreditation of verifiers pursuant to Directive 2003/87/EC of the European Parliament and of the Council, as amended by the Order;
5. “the regulator” has the same meaning as in Article 11 of the Order;
6. “significant modification” has the same meaning as in Article 15 of the MRR;
7. the “UK ETS” means the United Kingdom Emissions Trading Scheme;
8. “year” means a calendar year commencing on 1 January.

## Part 2 - Emissions Monitoring Plan(s)

## Service Contact Details

|  |  |
| --- | --- |
| Name |  |
| Address for service |  |

## Operator Details

### Identification of the operator

|  |  |
| --- | --- |
| Aircraft Operator Name |  |
| CRCO Unique Identifier | «${(params.empContainer.emissionsMonitori» |

«[#if params.empContainer.emissionsMonito»

|  |  |
| --- | --- |
| Unique ICAO designator\* used in the call sign for Air Traffic Control purposes | «${(params.empContainer.emissionsMonitori» |

*(\* as specified in ICAO Doc 8585 - "Designators for Aircraft Operating Agencies, Aeronautical Authorities and Services")*

«[/#if]»

«[#if params.empContainer.emissionsMonito»

The table below lists the aircraft registration marking(s) used in the call sign for Air Traffic Control purposes for the aircraft performing your aviation activities.

|  |
| --- |
| Aircraft Registration Markings |
| «[#list params.empContainer.emissionsMoni»  «${(marking)!}»«[/#list]» |

«[/#if]»

«[#if params.empContainer.emissionsMonito»

### Air Operating Certificate Details

|  |  |
| --- | --- |
| Air Operator Certificate | «${(params.empContainer.emissionsMonitori» |
| Issuing authority | «${(params.empContainer.emissionsMonitori» |

«[/#if]»

«[#if params.empContainer.emissionsMonito»

### Operating Licence Details

|  |  |
| --- | --- |
| Operating Licence | «${(params.empContainer.emissionsMonitori» |
| Issuing authority | «${(params.empContainer.emissionsMonitori» |

## Organisation Structure

«[#if params.empContainer.emissionsMonito»

## Company / Limited Liability Partnership Details

### Aircraft operator details

|  |  |
| --- | --- |
| Company Registration Number | «${(params.empContainer.emissionsMonitori» |
| Address | «${(params.empContainer.emissionsMonitori»  «${(params.empContainer.emissionsMonitori»  «${(params.empContainer.emissionsMonitori»  «${(params.empContainer.emissionsMonitori»  «${(params.empContainer.emissionsMonitori»  «${(params.empContainer.emissionsMonitori» |

### Registered office details

«[#if params.empContainer.emissionsMonito»

Details as per “Aircraft Operator Details” table above.

«[/#if]»

«[#if params.empContainer.emissionsMonito»

|  |  |
| --- | --- |
| Address | «${(params.empContainer.emissionsMonitori»  «${(params.empContainer.emissionsMonitori»  «${(params.empContainer.emissionsMonitori»  «${(params.empContainer.emissionsMonitori»  «${(params.empContainer.emissionsMonitori»  «${(params.empContainer.emissionsMonitori» |

«[/#if]»

«[#if params.empContainer.emissionsMonito»

## Partnership Details

### Details of the partnership and principle place of business

|  |  |
| --- | --- |
| Name of Partnership | «${(params.empContainer.emissionsMonitori» |
| Address |  |

### Details of individual partners

|  |  |
| --- | --- |
| Partner name | «[#list params.empContainer.emissionsMoni» |

«[#if params.empContainer.emissionsMonito»

## Individual / Sole Traders

### Individual/sole trader details

|  |  |
| --- | --- |
| Individual’s name | «${(params.empContainer.emissionsMonitori» |
| Address |  |

«[/#if]»

## Description of the Aviation Activities undertaken by the aircraft operator

|  |  |
| --- | --- |
| Aircraft operator status |  |
| Types of flights undertaken | «[#list params.empContainer.emissionsMoni» |
| Scope of operation | «[#list params.empContainer.emissionsMoni» |

|  |
| --- |
| Further description of your activities |
| «${(params.empContainer.emissionsMonitori» |

## Emissions Sources

### Aircraft Types

The table below lists the aircraft types performing your aviation activities at the time of the application for this emissions monitoring plan.

| Generic Aircraft Type | Subtype (where applicable) | Number of aircraft operated | Jet Kerosene | Jet Gasoline | Aviation Gasoline | Other |
| --- | --- | --- | --- | --- | --- | --- |
| «@before-row[#list params.empContainer.em»«${(detail.aircraftTypeInfo.manufacturer)» «${(detail.aircraftTypeInfo.model)!}» «${(detail.aircraftTypeInfo. designatorTy»«@after-row[/#list]» | «${(detail.subtype)!'N/A'}» | «${(detail.numberOfAircrafts)!}» | «${(detail.fuelTypes?seq\_contains('JET\_KE» | «${(detail.fuelTypes?seq\_contains('JET\_GA» | «${(detail.fuelTypes?seq\_contains('AVIATI» | «${(detail.fuelTypes?seq\_contains('OTHER'» |

The table below is an indicative list of additional aircraft types expected to be used, but not in use at the time of the application for this emissions monitoring plan.

| Generic Aircraft Type | Subtype (where applicable) | Number of aircraft | Jet Kerosene | Jet Gasoline | Aviation Gasoline | Other |
| --- | --- | --- | --- | --- | --- | --- |
| «@before-row[#list params.empContainer.em»«${(detail.aircraftTypeInfo.manufacturer)» «${(detail.aircraftTypeInfo.model)!}» «${(detail.aircraftTypeInfo. designatorTy»«@after-row[/#list]» | «${(detail.subtype)!'N/A'}» | «${(detail.numberOfAircrafts)!}» | «${(detail.fuelTypes?seq\_contains('JET\_KE» | «${(detail.fuelTypes?seq\_contains('JET\_GA» | «${(detail.fuelTypes?seq\_contains('AVIATI» | «${(detail.fuelTypes?seq\_contains('OTHER'» |

«[/#if]»

## Procedures relating to the aircraft used and aviation activities performed

### List of emissions sources (aircraft used)

The table below summarises the procedure, responsibilities and systems used to track the completeness of the list of aircraft used over the Scheme Year.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

### Completeness of the List of Flights

The table below summarises the procedure, responsibilities and systems used to monitor the completeness of the list of flights operated under the unique designator by aerodrome pair.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

### Flights Covered by the UK ETS

The table below summarises the procedure, responsibilities and systems used to determine whether flights are covered by the UK ETS, ensuring completeness, and avoiding double counting.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

«[#if params.empContainer.emissionsMonito»

## Calculation of Aviation Emissions

### Activity data

The table below details the method(s) used to measure fuel consumption for each generic aircraft type.

|  |  |
| --- | --- |
| Generic aircraft type  (ICAO aircraft type designator) | Method\* |
| «@before-row[#list params.empContainer.em»«${(detail.aircraftTypeInfo.manufacturer)» «${(detail.aircraftTypeInfo.model)!}» «${(detail.aircraftTypeInfo. designatorTy»«@after-row[/#list]» |  |

***\****  *Refer to Appendix 2 of the CORSIA SARPs for more detail on the application of each fuel use monitoring method.*

«[#if params.empContainer.emissionsMonito»

|  |
| --- |
| Justification for using more than one fuel use monitoring method |
| «${(params.empContainer.emissionsMonitori» |

### Fuel Use Monitoring Methodology for Additional Aircraft Types

The table below summarises the procedure, responsibilities and systems used for defining the fuel use monitoring methodology for additional aircraft types.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

«[#if params.empContainer.emissionsMonito»

## Method A

### Monitoring Fuel Consumption per Flight

The table below summarises the procedure, responsibilities and systems used to monitor fuel consumption, in both owned and leased-in aircraft.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

### Fuel Density

Information about the procedures for measurement of the density used for fuel uplifts and fuel in tanks, in both owned and leased-in aircraft, referencing relevant internal documentation (e.g. operations and/or safety procedures that stipulate what density is applied).

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

«[/#if]»

«[#if params.empContainer.emissionsMonito»

## Method B

### Monitoring Fuel Consumption per Flight

The table below summarises the procedure, responsibilities and systems used to monitor fuel consumption, in both owned and leased-in aircraft.

|  |  |
| --- | --- |
| Title of procedure |  |
| Reference for procedure |  |
| Brief description of procedure |  |
| Post or department responsible for data maintenance |  |
| Location where records are kept |  |
| Name of system used |  |

### Fuel Density

Information about the procedures for measurement of the density used for fuel uplifts and fuel in tanks, in both owned and leased-in aircraft, referencing relevant internal documentation (e.g. operations and/or safety procedures that stipulate what density is applied).

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

«[/#if]»

«[#if params.empContainer.emissionsMonito»

## Block-off/Block-on

### Monitoring Fuel Consumption per Flight

The table below summarises the procedure, responsibilities and systems used to monitor fuel consumption, in both owned and leased-in aircraft

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

«[/#if]»

«[#if params.empContainer.emissionsMonito»

## Fuel Uplift

### Measurement of the block hours per flight

The table below summarises the procedure, responsibilities and systems used to monitor fuel uplift, in both owned and leased-in aircraft.

|  |  |
| --- | --- |
| Title of procedure |  |
| Reference for procedure |  |
| Brief description of procedure |  |
| Post or department responsible for data maintenance |  |
| Location where records are kept |  |
| Name of system used |  |

### Assignment and adjustment for flights with zero uplift

|  |  |
| --- | --- |
| Procedure description | «${(params.empContainer.emissionsMonitori» |

### Fuel uplift supplier records

|  |  |
| --- | --- |
| Records used |  |

### Fuel Density

Information about the procedures for measurement of the density used for fuel uplifts and fuel in tanks, in both owned and leased-in aircraft, referencing relevant internal documentation (e.g. operations and/or safety procedures that stipulate what density is applied).

|  |  |
| --- | --- |
| Title of procedure |  |
| Reference for procedure |  |
| Brief description of procedure |  |
| Post or department responsible for data maintenance |  |
| Location where records are kept |  |
| Name of system used |  |

«[/#if]»

«[#if params.empContainer.emissionsMonito»

## Block Hour

«[#assign p\_ec\_emp\_bhmp\_fbct=params.empCo»

«[#if p\_ec\_emp\_bhmp\_fbct?seq\_contains('CL»

### Calculating the specific fuel burn

«[#if params.empContainer.emissionsMonito»

|  |  |
| --- | --- |
| Aircraft types using block hour that you can clearly distinguish between fuel uplifts for international and domestic flights on a flight by flight basis | «[#list params.empContainer.emissionsMoni»  «${(icao)!}»  «[/#list]» |
| Assignment and adjustment for flights with zero uplift | «${(params.empContainer.emissionsMonitori» |

«[/#if]»

«[#if params.empContainer.emissionsMonito»

|  |  |
| --- | --- |
| Aircraft types using block hour that you cannot clearly distinguish between international and national fuel uplifts on a flight by flight basis | «[#list params.empContainer.emissionsMoni»  «[/#list]» |

«[/#if]»

«[/#if]»

### Measurement of the block hours per flight

The table below summarises the procedure, responsibilities and systems used to monitor fuel uplift, in both owned and leased-in aircraft.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

### Fuel uplift supplier records

|  |  |
| --- | --- |
| Records used |  |

### Fuel Density

Information about the procedures for measurement of the density used for fuel uplifts and fuel in tanks, in both owned and leased-in aircraft, referencing relevant internal documentation (e.g. operations and/or safety procedures that stipulate what density is applied).

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

«[/#if]»

## Emission Factors

The table below lists the emission factors used in the calculation of emissions arising from consumption of the following commercial standard aviation fuels.

|  |  |
| --- | --- |
| Jet Kerosene (Jet A1 or Jet A) at 3.15 tCO2/t fuel | «${(params.empContainer.emissionsMonitori» |
| Jet Gasoline (Jet B) at 3.10 tCO2/t fuel | «${(params.empContainer.emissionsMonitori» |
| Aviation Gasoline (AvGas) at 3.10 tCO2/t fuel | «${(params.empContainer.emissionsMonitori» |

«[#if params.empContainer.emissionsMonito»

|  |
| --- |
| Other fuel calculation description |
| «${(params.empContainer.emissionsMonitori» |

«[/#if]»

«[#if params.empContainer.emissionsMonito»

## Emissions Reduction Claim

### SAF monitoring systems and processes

Details of the procedure, responsibilities and systems used to determine the emission factor, net calorific values and biomass content, if any of alternative fuels.

|  |  |
| --- | --- |
| Title of procedure |  |
| Reference for procedure |  |
| Brief description of procedure |  |
| Post or department responsible for data maintenance |  |
| Location where records are kept |  |
| Name of system used |  |

### Meet the RTFO sustainability criteria

Details of the procedure, responsibilities and systems used to determine the emission factor, net calorific values and biomass content of alternative fuels.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

### Avoid double counting of SAF

Details of the procedure, responsibilities and systems used to determine the emission factor, net calorific values and biomass content of alternative fuels.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

«[/#if]»

## Data Gaps

Pursuant to Article 66(2) of the MRR, the number of flights where data gaps occurred during a Scheme Year should not exceed 5 per cent of the number of reported flights. If the aircraft operator realises it has data gaps and system weaknesses that exceed this threshold, then it shall engage with the regulator to take remedial action to address this. When the threshold is exceeded, the aircraft operator shall state the percentage of flights that had data gaps and provide an explanation in its annual emissions report.

|  |
| --- |
| Description of the systems and procedures for identifying data gaps and for assessing whether the 5% flight threshold for significant data gaps has been reached |
| «${(params.empContainer.emissionsMonitori» |

|  |
| --- |
| Identified below are any data sources that may be used in the absence of primary data sources |
| «${(params.empContainer.emissionsMonitori» |

Where data relevant for the determination of an aircraft operator's emissions is not available from the data sources identified, the aircraft operator shall use surrogate data calculated in accordance with an alternative method approved by the regulator. The reasons why the data gap methodology has been applied and the quantity of emissions for which such an approach is used shall be specified in the aircraft operator’s annual emissions report.

|  |
| --- |
| Description of the alternative method to calculate surrogate data to treat data gaps for fuel consumption |
| «${(params.empContainer.emissionsMonitori» |

|  |
| --- |
| Description of the alternative methodology to treat data gaps for parameters other than fuel consumption (where applicable) |
| «${(params.empContainer.emissionsMonitori» |

«[/#if]»

«[#if params.empContainer.emissionsMonito»

## Simplified Calculation Methodology

You may apply the simplified monitoring procedure for the estimation of fuel consumption described in Article 55 of the MRR only if you are operating:

* Full-scope flights with total annual emissions lower than 25,000 tonnes CO2; or
* fewer than 243 full-scope flights per period for three consecutive four-month periods

You may make use of simplified reporting procedures (i.e. Small Emitters Tool approved under Commission Regulation (EU) No 606/2010 populated using Eurocontrol's ETS-SF), in line with Article 33 of the Order, if your emissions for the Scheme Year are:

* less than 25,000 tonnes CO2 from full-scope flights, or
* less than 3,000 tonnes CO2 from aviation activity.

### Simplified monitoring approach

### Other information to support eligibility for the use of simplified calculation procedures

|  |
| --- |
| «${(params.empContainer.emissionsMonitori» |

## Emission Factors

The table below lists the emission factors used in the calculation of emissions arising from consumption of the following commercial standard aviation fuels.

|  |  |
| --- | --- |
| Jet Kerosene (Jet A1 or Jet A) at 3.15 tCO2/t fuel | «${(params.empContainer.emissionsMonitori» |
| Jet Gasoline (Jet B) at 3.10 tCO2/t fuel | «${(params.empContainer.emissionsMonitori» |
| Aviation Gasoline (AvGas) at 3.10 tCO2/t fuel | «${(params.empContainer.emissionsMonitori» |

«[#if params.empContainer.emissionsMonito»

|  |
| --- |
| Other fuel calculation description |
| «${(params.empContainer.emissionsMonitori» |

«[/#if]»

«[/#if]»

## Management Procedures

### Responsibilities for monitoring and reporting (Article 62 of the MRR)

The table below lists the job titles/posts and summary of the responsibilities as they relate to monitoring and reporting.

|  |  |
| --- | --- |
| Job Title / Post | Responsibilities |
| «@before-row[#list params.empContainer.em»«${(role.jobTitle)!}»«@after-row[/#list]» | «${(role.mainDuties)!}» |

«[#if params.empContainer.emissionsMonito»

### Assessment of Responsibilities Procedure

The table below summarises the procedure for managing the assignment of responsibilities and competences of personnel responsible for monitoring and reporting in accordance with Article 59(3)(c) of the MRR.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

### Emissions Plan Appropriateness Procedure

The table below summarises the procedure for regular evaluation of the emissions monitoring plan's appropriateness covering in particular any potential measures for the improvement of the monitoring methodology.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

### Data flow activities

The table below summarises the procedure relating to data flow activities to ensure data reported under UK ETS does not contain misstatements and is in conformance with the approved plan and Regulation.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Diagram reference | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of IT system used (where applicable) | «${(params.empContainer.emissionsMonitori» |
| List of EN or other standards applied | «${(params.empContainer.emissionsMonitori» |
| List of primary data sources | «${(params.empContainer.emissionsMonitori» |
| Description of the relevant processing steps for each specific data flow activity | «${(params.empContainer.emissionsMonitori» |

### Control Activities

The table below summarises the procedures used to assess inherent risks and control risks.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

The table below summarises the procedures used to ensure quality assurance of measuring equipment and information technology used for data flow activities.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

The table below summarises the procedures used to ensure regular internal reviews and validation of data.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

The table below summarises the procedures used to handle corrections and corrective actions.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

The table below summarises the procedures used to control outsourced activities.

|  |  |
| --- | --- |
| Title of procedure | «${(params.empContainer.emissionsMonitori» |
| Reference for procedure | «${(params.empContainer.emissionsMonitori» |
| Brief description of procedure | «${(params.empContainer.emissionsMonitori» |
| Post or department responsible for data maintenance | «${(params.empContainer.emissionsMonitori» |
| Location where records are kept | «${(params.empContainer.emissionsMonitori» |
| Name of system used | «${(params.empContainer.emissionsMonitori» |

The table below summarises the procedures used to manage record keeping and documentation

|  |  |
| --- | --- |
| Title of procedure |  |
| Reference for procedure |  |
| Brief description of procedure |  |
| Post or department responsible for data maintenance |  |
| Location where records are kept |  |
| Name of system used |  |

«[#if params.empContainer.emissionsMonito»

«[#if params.empContainer.emissionsMonito»

«[#if params.empContainer.emissionsMonito»

Details of the procedure, responsibilities and systems used to ensure regular cross-checks between uplift quantity as provided by invoices and uplift quantity indicated by on-board measurement.

|  |  |
| --- | --- |
| Title of procedure |  |
| Reference for procedure |  |
| Brief description of procedure |  |
| Post or department responsible for data maintenance |  |
| Location where records are kept |  |
| Name of system used |  |

«[/#if]»

«[#if params.empContainer.emissionsMonito»

«[#if params.empContainer.emissionsMonito»

|  |  |
| --- | --- |
| Certification standard for the organisation’s Environmental Management System |  |

## Abbreviations

The table below lists the abbreviations, acronyms or definitions referred to in this emissions monitoring plan.

|  |  |
| --- | --- |
| Abbreviation | Definition |
| «@before-row[#list params.empContainer.em»«${(abbreviation.abbreviation)!}»«@after-row[/#list]» | «${(abbreviation.definition)!}» |

«[/#if]»