



ANNUAL EMISSION REPORTING

REGIONAL ADVANCED TECHNICAL TRAINING PROGRAMME ON
THE EU MONITORING AND REPORTING REGULATION

18 - 19 NOVEMBER 2014,
ISTANBUL, TURKEY

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Outline

- ❖ Legal basis,
- ❖ Reporting requirements:
 - Emission sources and source streams,
 - Data gaps,
 - Memo items,
- ❖ AER template,
- ❖ Improvement report and follow-up actions,
- ❖ IR template,
- ❖ Additional information.

Legal basis

- Main legal basis:
 - EU ETS Directive 2003/87/EC,
 - Commission Regulation 601/2012 (legally binding).
- Minimum requirements layed down in Annex X.
- Further improvement and harmonisation for EU ETS 3rd trading period (2013-2020).

Emission sources and source streams

Minimum requirements:

- ✓ Methodology applied (calculation or measurement based);
- ✓ Activity data;
- ✓ Emission factors (e.g. t CO₂/TJ) biomass fraction, oxidation factor, net calorific value etc.;
- ✓ Tiers applied:
 - Tier 1-4 for activity data;
 - Tier 1-3 for parameters.
- ✓ Total GHG emissions t CO_{2(e)};

DATA GAPS

Missing data = data gap.

Actions:

- Identification of gap (time period when it occurred),
- Estimation of emissions (based on historical data, data trends, data parameters correlation etc.),
- Reporting of data gaps in annual emissions report:
 - Source stream or emission source;
 - Reasons for each data gap;
 - Time period when data gap occurred;
 - Estimated emissions;
 - Description of estimation method.

MEMO ITEMS

- Reporting on biomass and CO₂ transfer is also relevant to MRR requirements.
- Example of required information:
 - ✓ amounts of biomass combusted;
 - ✓ amounts and energy content of bioliquids and biofuels combusted;
 - ✓ CO₂ emissions from biomass, where measurement-based methodology is used to determine emissions;
 - ✓ CO₂ transferred to an installation or received from an installation;
 - ✓ inherent CO₂ transferred to an installation or received from an installation;

Demonstration of AER

ANNUAL EMISSIONS REPORTING

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Information about this file:

This annual emissions report was submitted by:

Installation name:

Unique installation identifier:

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If your competent authority requires you to hand in a signed paper copy of the annual emissions report, please use the space below for signature:

IMPROVEMENT REPORT

- ✓ Perform regular checks on possible improvements;
- ✓ Check recommendations in Verifiers report;
- ✓ Send improvement report to Competent Authority for approval;
- ✓ Update monitoring plan if needed;
- ✓ Implement suggested improvements.

Demonstration of IR

Improvement Report

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Information about this file:

This improvement report was submitted by:

Installation name:

Unique installation identifier:

| |
|--|
| Example District Heater |
| Distring Heating Network Company, Ltd. |
| XYZ-007 |

If your competent authority requires you to hand in a signed paper copy of the improvement report, please use the space below for signature:

ADDITIONAL INFORMATION

All relevant MRR information can be accessed online at:

http://ec.europa.eu/clima/policies/ets/monitoring/documentation_en.htm

Web page contains:

- Legal basis information;
- Guidance documents;
- Reporting templates;
- Exemplars;
- Other useful tools.

Thank You !