

## Verification of Green House Gas Emissions

IS-12

INAB offers Certification Bodies accreditation to the international standard EN45011 / ISO Guide 65:1996 "General requirements for bodies operating product certification systems", for the purposes of verification for the Greenhouse Gas Emissions Trading Scheme.

Trading of greenhouse gas emission allowances under the EU Greenhouse Gas (GHG) Emissions Trading Directive (2003/87/EC) commenced on the 1st January 2005.

The Environmental Protection Agency (EPA) has been appointed by the Government as the competent authority in Ireland with the responsibility for implementation of emissions trading. (See [www.epa.ie/Licensing/EmissionsTrading/](http://www.epa.ie/Licensing/EmissionsTrading/)).

The GHG emissions trading directive was amended in November 2008 to include aviation activities in the scheme for greenhouse gas emission allowance trading within the EU. This new 'Aviation' Directive (2008/101/EC) came into force in February 2009.

S.I. No. 274 of 2009 was issued in July 2009 and transposes key features of the Aviation Directive into Irish National Legislation.

The Regulations require operators to monitor and report their emissions on an annual basis to the EPA. The methodologies for monitoring and reporting are described in EU Commission Decision of (2007/589/EC). This decision also specifies that a verifier shall be a "competent, independent, accredited verification body". The Irish National Accreditation Board (INAB) has been appointed by the EPA to provide this accreditation service.

EN45011 has a number of requirements for organisational structure, quality management system elements, competence of personnel, confidentiality, etc. The Verification Body must be able to demonstrate compliance with all of these requirements.

Once the Verifier has all of the organisational and technical measures in place, and has been operating a certification service for a period of time sufficient to have historical records built up, and to be able to demonstrate that the operation is stable (typically three months minimum), it can apply to INAB for accreditation.

INAB applicant and accredited Verifiers are required to implement in full the requirements of ISO Guide 65 and associated EA, IAF<sup>1</sup> and INAB mandatory documents, which may be accessed from

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<sup>1</sup> EA is the European Co-operation for Accreditation  
IAF is the International Accreditation Forum

the INAB website at [www.inab.ie](http://www.inab.ie). In particular, Verifiers must also comply with EA-6/03. This document provides guidance for the Recognition of Verification Bodies under the EU ETS Directive and is available from [www.european-accreditation.org](http://www.european-accreditation.org)

Verification bodies wishing to work in Ireland from other EU member states will need to be accredited to EN45011 and the associated guidance documents, by INAB or another EA member accreditation body. If a verifier is accredited by an EA member other than INAB, the verifier should contact INAB or the EPA before completing work here in Ireland.

Verification Bodies are accredited in compliance with EN45001 for a defined range of activities and these are detailed in a scope of accreditation which is annexed to the organisation's accreditation certificate. A directory of these scopes of accreditation is maintained by INAB and is available from the INAB website.

The process for the accreditation of Verification Bodies is fully described in INAB Publication P7, also available from the INAB website.

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