Environment

ISO 14064-3 GHG Verification

Ensure the credibility & accuracy of GHG data

Introduction

Climate change and its association with greenhouse gas (GHG) emissions has been a hot topic in recent years. Governments, stakeholders and customers are increasingly concerned about how organisations are controlling and disclosing their GHG emissions.

The ISO 14064 standards are additions to the ISO 14000 series of international standards for environmental management. The standards provide an integrated set of tools for measuring, quantifying and reporting GHG emissions.

Hong Kong Quality Assurance Agency (HKQAA) has taken the lead to provide the ISO 14064-3 GHG verification service to assist organisations in demonstrating their commitment in managing GHG emissions. Our aim is to encourage business and organisations to take initiatives to determine their GHG emissions and to ensure their GHG-related information is true, accurate and reliable by independent assessment.

Benefits

- Increases credibility and transparency of GHG accounting and reporting
- Drives organisational performance by improving GHG quantification/reduction
- Allows stakeholders to understand the organisation's performance in GHG emission and reduction
- Enhances public confidence and gain green credentials
- Facilitates the development of GHG management strategies and GHG projects
- Increases staff and public awareness of the importance for combating climate change

Scope of Application

The verification is applicable to all industries and organisations of any size and sector. It covers all the six greenhouse gases targeted in the Kyoto Protocol (i.e. CO_2, CH_4, N_2O, HFCs, PFCs and SF_6).

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ISO 14064 Verification Process

1. Planning and Desktop Review

i. Prepare the overall verification plan based on the size and complexity of the scope of work.

ii. Review the background information including the overall GHG emission profile, relevant GHG data and management mechanism.

2. On-site Verification

Site verification to confirm the integrity of information. The verification will be conducted in accordance with ISO 14064-3.

3. Issuance of Verification Report and Statement

Upon completion of the verification, the participating organisation will receive a detailed verification report and statement*.

Remarks:
Any reference to HKQAA's verification (or HKQAA's verification mark) shall be used only in relation to the claim which has been verified and shall not be misleading with regards to product certification. When using this reference (or verification mark), it shall be ensured traceability back to HKQAA and to the verification statement issued. Any opinions or reports of factual findings made public by the client shall be communicated internally and externally in their entirety. Examples of acceptable references for HKQAA's verified statement are available on HKQAA website (www.hkqaa.org)

Related Services

- Greenhouse Gas Emission Validation / Verification
  - based on CDM or other criteria
- Carbon Reduction Labelling
- ISO 14001 Environmental Management Systems Services
- ISO 50001 Energy Management Systems Services

Contact HKQAA

Website: http://www.hkqaa.org

Hong Kong	**Shanghai**	**Guangzhou**	**Macau**
Tel : (852) 2202 9111	Tel : (86 21) 6876 9911	Tel : (86 20) 8383 3777	Tel : (853) 6238 8759
Fax : (852) 2202 9222	Fax : (86 21) 6876 9922	Fax : (86 20) 8382 3066	E-mail : info.mo@hkqaa.org
E-mail : hkqaa@hkqaa.org	E-mail : info.sh@hkqaa.org	E-mail : info.gz@hkqaa.org	