



# 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<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs, PFCs and SF<sub>6</sub>).





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## ISO 14064 Verification Process

1. Planning and Desktop Review



2. On-site Verification



3. Issuance of Verification Report and Statement

- 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.

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

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



### 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>

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