



# ISO 14064:2018

## Greenhouse Gases Specification Internal Auditing



### Course Information

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| <b>Course Name</b>     | ISO 14064:2018 – Internal Auditing          |
| <b>Course Designer</b> | World Wide Industrial and Systems Engineers |
| <b>Course Category</b> | Greenhouse Gases Specification              |
| <b>Course Duration</b> | 3 days                                      |
| <b>Cost of Course</b>  | Refer to Training Schedule                  |

### Course Overview

The ideas and standards for creating, producing, managing, and reporting organisation- or company-level Greenhouse Gases (GHG) inventories are covered in this course. It specifies the standards for establishing GHG emission boundaries, quantifying an organization's GHG emissions and removals, and outlining particular corporate actions or activities aimed at improving GHG management. It also provides rules and guidelines on GHG inventory quality management, reporting, internal audits, and the organization's verification duties.

## ISO 14064:2018 – Greenhouse Gases Specification

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| <b>Who Should Attend?</b> | <ul style="list-style-type: none"> <li>• Management responsible for sustainable development</li> <li>• Employees responsible for environment management</li> <li>• Those interested in improving environment performance and reduce emission</li> <li>• Individuals who want to know more about ISO 14064.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Course Objectives</b>  | <p>By the end of the course, the learner will be able to:</p> <ul style="list-style-type: none"> <li>• identify and categorize GHG emission sources and sinks;</li> <li>• quantify emission levels and create GHG inventory of an entity;</li> <li>• develop and implement information management system to collect emission data and ensure its accuracy,</li> <li>• prepare and present GHG inventory report in internationally accepted format.</li> </ul>                                                                                                                                                                                                                                                                              |
| <b>Benefits</b>           | <ul style="list-style-type: none"> <li>• Enhance the environmental integrity of GHG quantification</li> <li>• Enhance the credibility, consistency and transparency of GHG quantification, monitoring and reporting, including GHG project emission reductions and removal enhancements</li> <li>• Facilitate the development and implementation of an organization's GHG management strategies and plans</li> <li>• Facilitate the development and implementation of GHG projects</li> <li>• Facilitate the ability to track performance and progress in the reduction of GHG emissions and/or increase in GHG removals, and</li> <li>• Facilitate the crediting and trade of GHG emission reductions or removal enhancements.</li> </ul> |

## Course Content

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| <b>Course Modules</b> | <ol style="list-style-type: none"> <li>1. Requirements of ISO 14064:2018</li> <li>2. Quantification and reporting of greenhouse gas (GHG) emissions and removals, GHG inventory design, development and management</li> <li>3. Relationship between GHG sources, sinks and facilities</li> <li>4. Mitigation activities for GHG emissions</li> <li>5. Calculation of GHG inventory</li> <li>6. Reporting of GHG</li> <li>7. How to develop and implement a verification plan</li> <li>8. To develop the objectives, scope and criteria of the verification activities</li> </ol> |
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|                      | <p>9. The various requirements for verification activities</p> <p>10. documentation review, interviews and site inspection during a verification audit</p> <p>11. Development of verification</p>                                                                                                                                                                                                                                                                                                                                                         |
| <b>Certification</b> | <ul style="list-style-type: none"> <li>• Certificate of competence.</li> <li>• Certificate of attendance.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Assessments</b>   | <ul style="list-style-type: none"> <li>• If applicable, there will be an assessment at the end of the course.</li> <li>• Delegates have to complete the assessment with a minimum score of 60% to receive a certificate of competence.</li> <li>• Delegates who score between 40% and 59% will get a second attempt at the assessment.</li> <li>• Delegates who score lower than 40% or fail the second attempt, will need to repurchase the course.</li> <li>• Delegates will receive an attendance certificate regardless of a pass or fail.</li> </ul> |

## About WWiSE

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| <b>Who are we?</b>    | <p>World Wide Industrial &amp; Systems Engineers (WWiSE) is an ISO consultancy, training, business solutions and systems implementation firm based in Southern Africa that provides clients with effective business processes and Safety, Health, Environmental, Risk and Quality (SHERQ) management solutions in preparation for ISO compliance. The solutions we provide and implement allow our clients to compete favourably in modern competitive business environments, locally and internationally. We also strive to be the leading training providers in SHERQ, ISO, Engineering, Finance, Business and Project Management.</p> |
| <b>What do we do?</b> | <p>Our services are aimed at the improvement of quality, efficiency, knowledge, and competitiveness of client companies. The service range includes:</p> <ul style="list-style-type: none"> <li>• ISO and SHERQ Systems implementation services whereby we assist client companies in meeting the requirements of ISO 9001, 14001, 22000, 31000, 27001, 20000-1, 50001 and ISO 45001 standards.</li> <li>• Integrated Management Systems development whereby we integrate several business systems and quality management</li> </ul>                                                                                                     |

solutions into a single management system to comply with various quality and safety standards.

- Training of all employees (Shop Floor to Executive Management) in the fields of SHERQ, Engineering, Finance, Business and Project Management to meet the job responsibilities and expertise requirements of International Standards.
- ISO, Legal auditing which includes gap analysis audits, product, process, procedural, and systems auditing by our registered SAATCA auditors.
- Customised web-based solutions integrating current systems to be in line with ISO requirements

We are a Level 1 BBBEE Contributor that specialises in systems development, consultancy, training, and auditing.