

CLIMATE RISKS: 1.5°C vs 2°C GLOBAL WARMING

Based on the IPCC Special Report on Global Warming of 1.5°C and Special Report on Oceans and Cryosphere in a Changing Climate.

EXTREME WEATHER

1.5°C

100% increase in flood risk

2°C

170% increase in flood risk

PEOPLE

1.5°C

9% of the world's population (700 million people) will be exposed to extreme heat waves at least once every 20 years

2°C

28% of the world's population (2 billion people) will be exposed to extreme heat waves at least once every 20 years



SPECIES

1.5°C

6% of insects, 8% of plants and 4% of vertebrates will be affected

2°C

18% of insects, 16% of plants and 8% of vertebrates will be affected

SEA-LEVEL RISE

1.5°C

10 cm higher at 2°C than at 1.5°C in 2100. This difference would expose up to 10 million more people to risks.

ARCTIC SEA ICE

1.5°C

Ice free summers in the Arctic at least once every 100 years

2°C

Ice free summers in the Arctic at least once every 10 years

CORAL BLEACHING

1.5°C

70% of world's coral reefs are lost by 2050

2°C

Virtually all coral reefs are lost by 2050

CQI AND IRCA CERTIFIED EMS ISO 14001:2026 LEAD AUDITOR COURSE



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OVERVIEW

- The aim of this course is to provide delegates with the knowledge and skills required to perform first, second and third-party audits of environmental management systems against ISO 14001, in accordance with ISO 19011 and ISO/IEC 17021, as applicable
- This course is designed for delegates who have prior knowledge of environmental management principles and concepts, and the requirements of ISO 14001. Learning objective and enabling objective require delegates to apply and extend this prior knowledge in the context of performing a management system audit. CQI and IRCA will accept training courses that include some coverage of the specific environmental management related clauses of ISO 14001, sufficient to enable delegates to refresh their prior knowledge.
- This course does require delegates to audit an environmental management system against the requirements of ISO 14001, including the ability to identify audit evidence to establish conformity or nonconformity
- Course examination questions could relate to any requirement of ISO 14001 and the expected prior knowledge.

MOST SIGNIFICANT IMPACT IN ISO 14001:2026

- ✓ Clearer documented information requirements
- ✓ Tighter scrutiny of the environmental implications of the supply chain
- ✓ Wider application of environmental conditions affecting the organisation
- ✓ Clearer senior management accountability for environmental performance
- ✓ More proactive and strategic approaches to environmental performance
- ✓ Changing the delivery format or method
- ✓ Rewriting substantial portions of the content
- ✓ Making material changes to the ordering or overall structure of the course
- ✓ Replacing or substantially redesigning learning assets (for example, slide decks, course notes, or learning activities such as case studies)

COURSE CONTENT

ENABLING OBJECTIVES

- With reference to the environmental management system model for ISO 14001.
- Explain that an Environmental Management System includes the interrelationship between the context of the organisation (clause 4), leadership (clause 5), planning (clause 6), support (clause 7), operation (clause 8), performance evaluation (clause 9) and improvement (clause 10).
- Explain the scope of the term “compliance obligations”, which refers not only to legal requirements, but also to other requirements, such as those of interested parties, which the organisation has to or chooses to comply with, and which include ISO 14001 requirements.
- Explain the purpose of and differences between first-party, second-party and third-party certification audit of management systems, including the role of the auditor in evaluating an auditee’s capability to achieve the intended outcomes of its EMS.
- Explain the benefits of third-party accredited certification of environmental management systems for organisations and their relevant interested parties
- Determining audit objectives, the purpose and significance of the audit scope and audit the criteria
- Resourcing the audit, the importance of audit team competency and the selection of audit team members, particularly in relation to knowledge of the relevant management system discipline, industry sector, legal requirements, technical understanding and their training, and experience as auditors
- Identifying the auditing methods, used for on-site and remote audits, and those auditing activities requiring human interaction and no human interaction.
- The purpose of a stage 1 audit includes performing a review of documented information and the determination of the feasibility of an audit. Describe a typical stage 1 audit process and outputs
- Conducting on-site auditing activities, including preparing documented information for audit, conducting audit meetings, collecting and verifying information, compiling audit evidence, generating audit findings, determining audit conclusions and preparing, approving and distributing the audit report, and conducting the audit follow-up.

SKILLS (PRACTISED THROUGH TASKS IN SIMULATED, AUDIT SITUATIONS)

Skills are to be practiced and tested through tasks and in real, or simulated, audit situations such as when planning the audit, conducting the audit, auditing environmental management system requirements, generating audit findings, reporting the audit and following up the audit.

PREREQUISITE

Students are expected to have the following prior knowledge:

MANAGEMENT SYSTEM

- The Plan, Do, Check, Act (PDCA) cycle
- The core elements of a management system and the interrelationship between top management responsibility, policy, objectives, planning, implementation, measurement, review and continuous improvement.

ENVIRONMENTAL MANAGEMENT

- The three intended outcomes of an environmental management system (see ISO 14001) namely enhancement of environmental performance, fulfilment of compliance obligations and achievement of environmental objectives.

ISO 14001

- Knowledge of the requirements of ISO 14001 and the commonly used environmental management terms and definitions, as given in ISO 14001, which may be gained by completing CQI and IRCA Certified EMS Foundation Training course or the equivalent.

COURSE TUTOR

CQI and IRCA Reg. Lead Auditor and approved Lead Tutors / Tutors who are highly qualified and professional graduates, experience in the field of QA, **Environmental Management and familiar with local and international environmental regulations.**

WHO SHOULD ATTEND

- Management Representatives, internal auditors, 2nd party & 3rd party auditors, **trainers and consultants** who are responsible to provide “value added” EMS audit to enable Continual Improvement.

Registration Form

Course Name: **CQI and IRCA Certified EMS ISO 14001:2026 Lead Auditor Course (5-Day)**

Date:

Location:

Course Fee (per pox):

Type/write in the text box below to fill up the form:

#1 Title & Full Name:

Designation:

Academic Qualification:

Meal Preference: Vegetarian Non-vegetarian Muslim

Company & Tel.:

Company Address:

Contact Person:

Contact Tel. & Email:

A cheque/bank draft no.: For USD

Notes:

- 1. You are required to participate in the whole five day training programme comprising at least 40 hours of lecture, workshop & study presentations. The Course criteria are in accordance with PR315 Course Specification.**
- 2. You will be assessed continuously by our tutors over the five days & must pass the continuous assessment before you are allowed to sit for the examination.**
- 3. If you have failed to fulfil the above requirements, you will not be entitled to receive the Certificate of Achievement.**
- 4. You are required to read and understand the Malpractice and Maladministration Policy and CQI and IRCA Privacy Notice in this link (<http://www.iqcquality.net/resources/>). If you are found to commit unexpected incidents or suspicious activity in the training or examination, you will be disqualified from attending this course and examination and will not receive any certificates.**
- 5. Please be informed that this course may be observed or recorded for quality assurance purpose only; by participating in this course, you are giving consent to be recorded.**

Declaration:

- I understood that for cross-border telegraphic transfer payments, remitter have to bear both local and overseas charges
- I acknowledged & understood the pre-requisite requirement of this course as prescribed in the training program.
- I hereby expressly consent for my personal data to be processed for the administrative purpose of this course, in accordance to the requirements of PDPA 2010 and GDPR.
- I had read and understood the above notes and shall comply with IQCS and CQI and IRCA's regulations.

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 (Signature of candidate)

...../...../.....
 (Date)