





IRClass Systems and Solutions Private Limited

(Promoted by Indian Register of Shipping)

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Introduction

IRCLASS Systems and Solutions Pvt. Ltd.(ISSPL), promoted by Indian Register of Shipping provides one stop solutions for Testing, Inspection & Certification requirements thus helping industries to achieve Quality, Safety and Sustainability across value chain.

Through its division Indian Register Quality Systems (IRQS), ISSPL boasts a robust experience of over 30 years in serving various sectors including Marine, Ports & Shipping, Automotive, Engineering, Food & Beverage, Healthcare, IT, Banking & Non-Banking, Education, Chemical, Energy, Retail, Construction, Agriculture, Defence, Electronics, Oil & Gas, Pharmaceuticals and more.

Over the years, IRQS served global clients spanning across countries such as US, Russia, Portugal, Germany, China, Middle East, Turkey, South Korea, Egypt, Sudan, Nigeria, Cambodia, Mongolia, Taiwan, Singapore, Bangladesh, Sri Lanka, Laos in addition to prestigious clientele within India.

IRQS is approved by United States, European and Indian accreditation bodies thus solidifying its position as one of the leading certification bodies with an extensive range of approvals viz. RvA(Dutch), NABCB(India), ANAB(US), IATF Global, Responsible Steel, CQI-IRCA, FAMI-QS, BRCGS, APEDA, AYUSH and FSSAI.



Sustainability:

Sustainability refers to responsible management of natural resources to fulfil current needs without compromising the ability of future generations to meet theirs. It is often conceptualized through the framework of three pillars: Environmental, Social and Economic.

Environmental Sustainability

Environmental sustainability is the ability to preserve and protect the natural environment over time through appropriate practices and policies. It includes issues such as climate change, carbon emissions, energy efficiency, pollution, waste management, natural resource conservation among others

Social sustainability

Social factors consider how a company manages its relationships with people, both within and outside the organization. This encompasses aspects such as labour practices, human rights, employee diversity, inclusion, gender equality, health & safety etc.

Economic Sustainability

It is an approach whereby economic activities are conducted in such a way as to preserve and promote long-term economic well-being. Within the three pillars of sustainability, economic sustainability allows society to innovate, prosper, solve problems and improve standards of living, but should be pursued in harmony with environmental & social goals

Sustainability services by IRClass

With an aim of serving the industry, IRCLASS have also been working on a wide range of sustainable solutions which are majorly categorized as:

ASSURANCE

- BRSR Assurance
- ESG Assurance
- ISO 14064 GHG Emissions Mgmt
- ISO 14067 Product Carbon Footprint
- ISO 14040 & 14044 Lifecycle Assessment
- PAS 2050 Verification & Validation
- PAS 2060 Verification & Certification
- PAS 2080 Verification

CERTIFICATION

- Zero Waste to Landfill
- ResponsibleSteel Certification
- Responsible Fishing Standard
- Responsible Plastic Management
- ISO 20400 Sustainable Procurement

TRAINING

- ISO 14040 and ISO 14044 Lifecycle
 Assessment
- ISO 14064 Carbon Footprint
- ISO 14067 Product Carbon Footprint
- GHG Accounting Lead Verifier
- ISO 26000 Social Responsibility
- Sustainability Reporting GRI Standards
- Business Responsibility and Sustainability Reporting (BRSR)
- ISO 20400 Sustainable Procurement
- ISO 14068-1 Carbon Neutrality
- ISO 14046 Water Footprint
 Management
- Carbon Border Adjustment Mechanism (CBAM)
- Zero Waste to Landfill
- Scope 3 Emission Estimation



Sustainability Assurance

In today's business landscape, more and more companies are recognizing the importance of environmental, social, and governance (ESG) performance. As a result, the demand for sustainability reporting is escalating. Organizations are utilizing these reports to communicate their ESG strategies and progress to investors, consumers, and industry stakeholders.

Why Choose Sustainability Assurance?

To enhance the credibility of your sustainability reporting, many organizations opt for third-party assurance. This process validates the accuracy of reported data, bolstering credibility internally and externally.

How Can IRClass Support You?

At IRClass, we specialize in providing comprehensive sustainability assurance services. Our process begins with identifying the scope of assurance and conducting a thorough risk assessment to pinpoint potential material misstatements. We then meticulously verify the accuracy of your sustainability data and scrutinize previously developed sustainability reports. Finally, we present our key findings, along with areas for improvement, in a detailed report and presentation to your management team.

Benefits for Your Organization

- Ensures the accuracy and reliability of your organization's data submissions
- Validates the information shared with clients, shareholders, and stakeholders
- Enhances confidence in the integrity of your provided information and data
- Demonstrates your organization's commitment to transparency
- Mitigates the risk of greenwashing accusations
- Includes an IRClass assurance statement for publication inclusion

Partner with IRClass today to strengthen the credibility of your sustainability reporting and foster trust among your stakeholders.

Business Responsibility and Sustainability Reporting (BRSR) Assurance

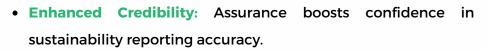
Framework developed by the Securities and Exchange Board of India (SEBI) to encourage companies to report on their business responsibility and sustainability performance.

Requires companies to disclose information on their business responsibility and sustainability practices. The goal is to promote transparency, accountability, and responsible business practices among listed companies.

SEBI has introduced a concept called "Reasonable Assurance" for BRSR reports for the financial year 2023-24. This suggests that companies are expected to provide reasonable assurance regarding the accuracy and reliability of the information disclosed in their BRSR reports for that specific period.

Reasonable Assurance refers to the level of confidence that stakeholders can have in the accuracy and reliability of the information reported by companies under the BRSR framework. It indicates that the information provided by the company has been subjected to an appropriate level of scrutiny and validation.





- Increased Transparency: Verification ensures honesty and openness in reporting practices.
- **Risk Mitigation**: Identifies and addresses potential reporting inaccuracies and omissions.
- Improved Decision Making: Reliable data aids stakeholders in informed decision-making.
- **Competitive Advantage:** Demonstrates commitment to sustainability, attracting stakeholders
- Regulatory Compliance: Ensures adherence to evolving ESG disclosure standards.

IRClass provides BRSR Assurance service, offering assurance for credibility, transparency, and reliability in sustainability reporting, enhancing stakeholder trust and facilitating continuous improvement.

Environmental, Social, and Governance (ESG) Assurance

Framework used to evaluate the sustainability and ethical impact of investments in companies or businesses.

Environmental: This aspect focuses on how a company interacts with the environment. It includes issues such as climate change, carbon emissions, energy efficiency, pollution, waste management, and natural resource conservation.

Social: Social factors consider how a company manages its relationships with people, both within and outside the organization. This encompasses aspects such as labor practices, human rights, employee diversity and inclusion, community relations, and customer satisfaction.

Governance: Governance evaluates the internal controls, structures, and practices that guide a company's decision-making processes and ensure accountability to shareholders and stakeholders. It includes issues such as board diversity, executive compensation, transparency, ethics, and risk management.

Benefits for Your Organization

- **Stakeholder Confidence:** ESG Assurance fosters trust through transparent commitment to responsible practices.
- Improved Risk Management: Identifies and mitigates risks, ensuring compliance and resilience.
- **Competitive Advantage:** Demonstrating strong ESG performance provides a competitive edge, attracting investors, customers, and partners who value sustainability and ethical principles.
- Enhanced Brand Value: ESG Assurance aligns business with societal expectations, bolstering brand reputation.
- Long-term Value Creation: ESG integration drives innovation and efficiency, securing sustainable success.

IRClass offers ESG Assurance service, ensuring credibility, transparency, and reliability in sustainability practices, building stakeholder trust and driving positive change.

ISO 14064 - Empowering Your GHG Emissions Management

In an era where environmental consciousness is paramount, more organizations are voluntarily committing to monitor and report their greenhouse gas (GHG) emissions while striving to effectively manage their carbon footprint. ISO 14064 stands as a pivotal framework, offering comprehensive guidance for GHG accounting and verification, aiding organizations in quantifying and ultimately reducing their GHG emissions.

The Three-Part Framework



Part 1: This segment of ISO 14064 specifies fundamental principles and requirements at the organizational level for quantifying and reporting GHG emissions and removals. It encompasses the design, development, management, reporting, and verification of an organization's GHG inventory.

Part 2: Tailored to accommodate various GHG project types, Part 2 supports endeavors involving offset carbon credits, innovative technology projects, and internal projects. It delineates principles, requirements, and guidance at the project level, encompassing quantification, monitoring, and reporting of activities aimed at GHG emission reductions or removal enhancements.

Part 3: This part outlines principles, requirements, and guidance for those conducting or managing the validation and/or verification of GHG assertions, applicable to both organizational and GHG project quantification, monitoring, and reporting.

Commitment to Continuous Improvement

To ensure the enduring relevance and efficacy of ISO 14064, the ISO/TC 207/SC7 technical group collaborates closely with influential bodies such as the Carbon Disclosure Project (CDP), the United Nations Framework Convention on Climate Change (UNFCCC), the World Resources Institute (WRI), The Gold Standard Foundation, and other key stakeholders.

ISO 14064 - Empowering Your GHG Emissions Management

Benefits of ISO 14064 Verification and Validation



- Showcase Integrity: Verification against ISO 14064-1 and ISO 14064-2 underscores the integrity of your systems and processes, validating GHG inventory, assertions, and reports for compliance with ISO 14064 standards, ensuring accuracy and completeness.
- Validate Success: Verification against ISO 14064-1 provides essential assurance of your carbon footprint declarations, while validation of GHG projects to ISO 14064-2 instills confidence that planned projects will achieve projected emission reductions. Verification of GHG projects assures stakeholders of realized emission reductions within a specified timeframe.



ISO 14067 - Greenhouse Gas -Carbon footprint of products

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ISO 14067 standardizes quantifying and reporting product carbon footprints (PCF), aligning with ISO life cycle assessment (LCA) standards. It supports UN Sustainable Development Goal 13 on Climate Change.

In today's environmentally conscious market, customers increasingly prioritize products contributing to climate protection. Forward-thinking businesses measure the carbon footprint of their products, empowering informed consumer choices and enabling greenhouse gas emission reduction strategies.

Moreover, stakeholders, including investors and employees, advocate for companies to adopt effective measures concerning environmental, social, and corporate governance (ESG) issues. Verified Product Carbon Footprint (PCF) is a crucial step toward meeting these expectations.

Benefits of ISO 14067 Verification

- **Stakeholder Confidence**: Verified footprints assure stakeholders of brand reliability.
- **Competitive Edge:** Verified PCFs enhance brand reputation and ESG performance.
- Efficiency Enhancement: Verification uncovers inefficiencies for cost-saving.
- **Benchmarking Support:** Assurance statement aids in accurate product differentiation.
- Risk Mitigation: Verified PCF ensures business continuity and climate resilience.

Partner with IRClass to verify your product carbon footprint and unlock the benefits of ISO 14067. Contact us today to strengthen your sustainability efforts and drive positive change.

ISO 14040 & 14044 Lifecycle Assessment

Companies are increasingly using Life Cycle Assessments (LCA) to track their environmental impact. This cradle-to-grave analysis measures a product's footprint, from raw materials to disposal, helping companies move towards net zero and sustainable practices.

The International Organization for Standardization (ISO) has drawn up two complementary standards for carrying out a Life Cycle Assessment.

- ISO 14040: 2006 Environmental management Life cycle assessment Principles and framework : ISO 14040 standardizes LCA phases, covering environmental areas, timeframe, methods, transparency, and public disclosure.
- ISO 14044: 2006 Environmental management Life cycle assessment Requirements and guidelines: ISO 14044 builds on ISO 14040, providing details on how to model a product's life cycle and assess its environmental impact.

Benefits for Your Organization

- Credibility and Trust: Independent verification ensures your LCA report is accurate and complete, boosting stakeholder confidence..
- Transparency and Openness: Validation demonstrates your commitment to transparent sustainability practices. This openness builds trust and strengthens relationships with stakeholders.
- Improved Decision-Making: Verification identifies any inconsistencies or errors in your LCA, ensuring you base crucial sustainability decisions on reliable data.
- **Competitive Advantage:** Stand out as a sustainability leader. Consumers choose eco-conscious brands.
- **Compliance and Risk Reduction:** Verification helps ensure your LCA complies with ISO standards.

IRCLASS provides trusted assurance services for ISO 14040 and ISO 14044. Contact today to discuss your LCA verification and validation needs.

PAS 2050 - Verification & Validation

Publicly Available Specifications (PAS) 2050 offers a structured approach for organizations of all sizes and locations to evaluate the greenhouse gas (GHG) emissions associated with their products and services across their entire life cycle. From sourcing raw materials to production, usage, and disposal, PAS 2050 provides a comprehensive framework.

Unlocking Potential with PAS 2050

By embracing PAS 2050, organizations can uncover opportunities for energy and cost savings. Through a detailed assessment of product emissions, PAS 2050 facilitates the identification of strategies to reduce environmental impact. This includes exploring alternative product configurations, materials, supplier selections, and production methods.

IRClass Verification Services

At IRClass, we offer independent verification services to validate your data, enhancing transparency and informing strategic decisions. Verifying that your product carbon footprint aligns with PAS 2050 requirements enhances credibility and showcases external improvements.

Why Choose PAS 2050 Verification?

Enhance Product Sustainability: Assessing your product's carbon footprint provides clarity and enables the development of a robust emissions reduction plan. This empowers your organization to enhance its environmental footprint and contribute meaningfully to ESG objectives.

Build Stakeholder Trust: Independent verification instills confidence in stakeholders, assuring them of the accuracy and reliability of your product carbon footprint data.

Drive Efficiency and Savings: Through the verification process, efficiency gains, waste reduction, and improved supply chain management opportunities are identified. This can lead to tangible process enhancements and cost savings for your organization.

Embrace PAS 2050 verification with IRClass to drive sustainability, build stakeholder trust, and unlock efficiency gains. Contact us today to leverage the value of verified data and propel your organization towards its environmental goals.

PAS 2060 - Verification & Certification

PAS 2060 sets the standard for achieving carbon neutrality, a crucial milestone in combating climate change. Carbon neutrality occurs when an entity offsets its carbon emissions, reaching net zero emissions. PAS 2060 outlines a comprehensive four-stage process to demonstrate carbon neutrality:

- Assessment of GHG Emissions Data: Thoroughly evaluate greenhouse gas emissions data to ascertain the organization's carbon footprint.
- Target-Driven Emissions Reduction Plan: Develop a strategic plan aimed at reducing emissions in accordance with predefined targets.
- Offsetting Excess Emissions: Offset any remaining emissions that cannot be eliminated through reduction efforts.

Documentation, Verification, and Public Disclosure: Document all steps taken, undergo independent verification, and publicly disclose the organization's carbon neutrality status on an annual basis.

Our Verification Services

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At IRClass, we provide independent verification services to validate your data, information, and reports, enhancing credibility with stakeholders. Our process ensures accuracy, representativeness, and benchmarkability, instilling confidence in your carbon neutrality claims.

Benefits of PAS 2060 Verification

- Substantiate Carbon Neutral Claims: PAS 2060 process and verification reduce greenwashing risk.
- Meet Customer Expectations: Demonstrating carbon neutrality satisfies stakeholders, showcasing leadership.
- Reduce Waste and Improve Performance: PAS 2060 identifies inefficiencies, fostering improvement and savings.

Partner with IRClass to verify your product carbon footprint and unlock the benefits of ISO 14067. Contact us today to strengthen your sustainability efforts and drive positive change.

PAS 2080 - Verification

PAS 2080 is a global standard revolutionizing carbon management in the built environment. It provides a unified framework across the infrastructure value chain for new projects, programs, retrofitting, or asset management.

PAS 2080 targets leaders, asset managers, designers, suppliers, and constructors in infrastructure delivery, advocating best practices in carbon reduction. It promotes collaboration, supply chain innovation, and cost reduction.

In 2023, PAS 2080 underwent revision to adopt a more holistic approach to the built environment. The revised standard adopts a whole-life perspective and employs a systems-thinking approach, facilitating the transition towards achieving net zero emissions.

Our Verification Services

IRClass verification services instill confidence among stakeholders and investors by ensuring data accuracy, representativeness, and benchmark ability. This enables informed decision-making based on an organization's strategy, performance, risks, and growth opportunities.

Benefits of PAS 2080 Verification



- Reduced Environmental Impact: PAS 2080 verification demonstrates commitment to carbon reduction, enhancing environmental credentials.
- Enhanced Business Performance: PAS 2080 streamlines relationships, boosting performance.
- Cost Reduction: Fosters collaboration, reducing costs.
- Increased Competitiveness: Aligns with global carbon reduction commitments, enhancing competitive-ness.
- **Transparency:** PAS 2080 ensures consistent carbon quantification, facilitating transparent data sharing.

Partner with IRClass to unlock the benefits of PAS 2080 verification and spearhead your organization's sustainability journey in the built environment. Contact us today to embrace transparency, reduce costs, and drive environmental impact.



ZERO Waste To Landfill Assessment

Zero Waste to Landfill refers to a comprehensive approach aimed at diverting all waste materials away from disposal in landfills, instead prioritizing strategies such as recycling, composting, and waste-to-energy conversion to minimize environmental impact and promote resource efficiency

Action plan to achieve Zero Waste to Landfill: It involves a multifaceted approach including reduction of waste generation, elimination of wastes, finding useful applications for waste through reuse and innovation, recycling to prevent resource loss, and implementing methods such as anaerobic digestion and composting for energy recovery and disposal of bio-degradable materials, thus ensuring a sustainable and environmentally responsible waste management strategy.

Benefits of Zero Waste to Landfill

- **Cost-Efficient Waste Reduction**: Cost savings and resource conservation through waste reduction.
- Enhanced Material Resource Utilization: Optimized resource utilization and minimized waste, enhancing material efficiency.
- Environmental Impact Reduction: Contribution to a cleaner environment and climate change mitigation by reducing greenhouse gas emissions.
- Innovation and Competitiveness Boosts: Promotion of innovation and competitiveness through improved processes, products, and services.
- Sustainability Leadership and CSR **Enhancement:** Demonstration of commitment to sustainability, proactive environmental stewardship, and industry leadership, bolstering Corporate Social Responsibility (CSR) and community trust.

Elevate your waste management strategy with IRClass. Our Zero Waste to Landfill Assessment service drives sustainability, setting your business apart as a leader in responsible environmental practices

ResponsibleSteel Certification

Steel is the world's most widely used material. Stakeholders and those who use steel in the automotive, construction, energy, infrastructure, packaging, transport and white goods sectors have a growing expectation that the materials they work with are responsibly sourced and produced. While such assurances already exist for the aluminum, concrete, stone and aggregates industries, ResponsibleSteel is the first such initiative for the steel sector.

A not-for-profit organisation, ResponsibleSteel is the industry's first global multistakeholder standard and certification programme.

ResponsibleSteel has developed an independent certification standard and programme that aims to align with the ISEAL Codes of Good Practice.

Indian Register Quality Systems (IRQS) is 1st Certification Body in INDIA to get accreditation from ResponsibleSteel.

Benefits of ResponsibleSteel



- Confidence in Responsible Sourcing: Provides assurance that steel is sourced and produced according to environmental and social responsibility standards.
- Enhanced Transparency: Increases credibility through independent verification of responsible practices throughout the steel supply chain.
- Reduced Sustainability Risks: Minimizes environmental impact and promotes ethical labor practices.
- Meet ESG Requirements: Contributes to meeting Environmental, Social, and Governance (ESG) goals.
- **Competitive Advantage**: Demonstrates commitment to sustainability, potentially attracting environmentally conscious customers and investors.

IRClass, an accredited ResponsibleSteel Certification Body, can conduct a rigorous audit to verify your commitment to sustainability and award you ResponsibleSteel Certification.

Marine Stewardship Council (MSC) Sustainable Fishing Standard

The Marine Stewardship Council (MSC) promotes responsible fishing and sustainable seafood consumption to preserve ocean health through rigorous standards and certification programs, fostering informed choices among fisheries, supply chain companies, and consumers for healthier marine ecosystems.

MSC Sustainable Fishing Standard

Certification Process:

- MSC certification involves rigorous assessments of fishing practices, stock status, and ecosystem impacts.
- Certified fisheries demonstrate adherence to sustainable fishing practices, traceability, and effective management.

Benefits of Responsible Fishing Standard



- Environmental Conservation: promotes responsible fishing practices, preserving marine ecosystems and safeguarding vulnerable species.
- Consumer Confidence: The MSC label assures consumers of sustainable seafood choices, empowering informed purchasing decisions.
- Economic Viability: Supports long-term prosperity for fisheries and coastal communities by promoting sustainable practices.
- Market Access and Competitiveness: Enhances market presence and competitiveness by meeting the demand for sustainable seafood options.

IRClass plays a crucial role in promoting responsible and sustainable fishing practices. By obtaining certifications, organizations contribute to a greener, more environmentally conscious world.

Responsible Plastic Management (RPM) Leading the Way to a Plastic-Conscious Future

The Responsible Plastic Management (RPM) Program is an innovative initiative tackling the global plastic crisis by offering tools, guidance, and certification to organizations, empowering them to manage plastic responsibly and reduce their plastic footprint in the face of over 350 million metric tons of annual plastic waste production.

Responsible Plastic Management (RPM) Certification

Certification Process:

- The RPM standard involves a five-step program against which auditors assess an organization's processes and systems. This includes reviewing plastic flows, action planning, progress monitoring, and continuous improvement.
- Organizations with ISO 14001 environmental management systems can enhance their credentials further by adopting RPM certification.

Benefits of Responsible Fishing Standard



- Plastic Conscious Organization: Evidence of being a responsible steward of plastic.
- Stakeholder Trust: Gain trust from customers, investors, and society.
- Brand Reputation: Enhance your brand's image as a responsible business.
- Employee Engagement: Empower employees to be part of the solution.
- Cost Savings: Efficient plastic management leads to cost savings.
- **Circular Economy**: Contribute to a circular economy by repurposing plastic waste.

IRClass plays a crucial role in promoting responsible and sustainable plastic practices. By obtaining certifications, organizations contribute to a greener, more environmentally conscious world.

ISO 20400 Sustainable Procurement

In today's world, responsible sourcing is no longer a nicety, it's an expectation. Across industries, stakeholders demand transparency and sustainability throughout supply chains. ISO 20400 provides a framework to help organizations integrate these principles into their procurement practices.

What is ISO 20400?

Published in 2017, ISO 20400 is the international standard for sustainable procurement. It offers a comprehensive set of guidelines that organizations of all sizes and sectors can use to embed sustainability considerations into their purchasing decisions and practices. This standard covers the entire procurement lifecycle, from identifying needs and selecting suppliers to managing contracts and monitoring performance. By following ISO 20400, organizations can ensure that their procurement activities contribute to a more sustainable future.

Benefits of ISO 20400 Certification



- Enhanced Sustainability: Minimize environmental impact and promote ethical labor practices throughout your supply chain.
- **Reduced Risks:** Proactive management of sustainability risks can lead to cost savings and improved brand reputation.
- Competitive Advantage: Demonstrate your commitment to a sustainable future, attracting environmentally conscious customers and investors.
- Improved Transparency: Ensure responsible practices are followed by suppliers through clear communication and verification processes.
- Alignment with ESG Goals: Contribute to achieving your Environmental, Social, and Governance (ESG) objectives.

IRClass is your partner in sustainable procurement. We provide ISO 20400 certification audits and guide you towards a more sustainable supply chain.

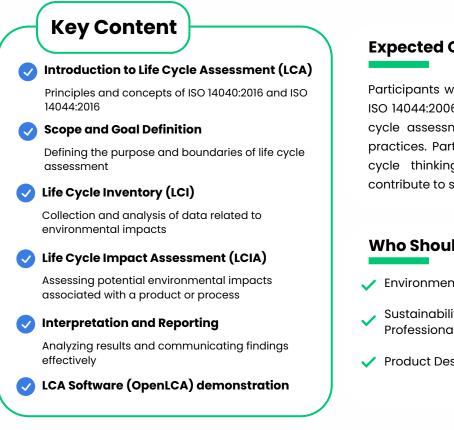






ISO 14040:2006 & ISO 14044:2006 Life Cycle Assessment Training

Embark on a transformative journey of environmental sustainability with our two-day training program on ISO 14040:2006 and ISO 14044:2006 Life Cycle Assessment. Organized by the Indian Register Quality Systems, (IRQS) this training will equip you with skills to conduct comprehensive life cycle assessments and contribute to environmentally responsible practices within your organization.



Expected Outcome

Participants will gain understanding of ISO 14040:2006 & ISO 14044:2006 standards, enabling them to conduct life cycle assessments in adherence to international best practices. Participants will be equipped to integrate life cycle thinking into decision-making processes and contribute to sustainable business practices.

Who Should Attend

- **Environmental Managers**
- Sustainability Professionals
- **Product Designers**
- **Quality Assurance** Experts
- Supply Chain Managers
- Anyone involved in environmental impact assessment.

Contact us









ISO 14064 Carbon Footprint Lead Implementor Training

Unlock the power of sustainable business practices with our **three-day ISO 14064 Carbon Footprint Lead Implementor Training**. Organized by the Indian Register Quality Systems (IRQS), this comprehensive program is designed to empower professionals to lead the implementation of carbon footprint measurement and management within their organizations.



Contact us

irqs@irclass.org





ISO 14067:2018 Product Carbon Footprint Lead Implementor Training

Embark on a transformative journey towards sustainable product practices with our two-day ISO 14067:2018 Product Carbon Footprint Lead Implementor Training. Organized by the Indian Register Quality Systems (IRQS), this program is crafted to empower professionals to lead the implementation of product carbon footprint assessment and management within their organizations.

Key Content

Introduction to ISO 14067:2018

Overview of the standard and its significance in product carbon footprint management

Principles of Product Carbon Footprint

Understanding the key principles and methodologies involved in assessing product carbon footprints

Scope and Boundary Definition

Defining the boundaries and scope of product carbon footprint assessments

Data Collection and Analysis

Practical guidance on collecting and analysing data related to product carbon footprints

Implementation Strategies

Developing and implementing strategies to reduce and manage product carbon footprints

Expected Outcome

Participants will gain a comprehensive understanding of ISO 14067:2018, enabling them to lead the implementation of product carbon footprint assessment and management systems. Participants will possess the knowledge and skills to guide their organizations towards sustainable product practices.

Who Should Attend

- **Product Managers**
- Sustainability Professionals
- Anyone involved in product sustainability and carbon footprint initiatives
- Supply Chain Managers
- Environmental Managers
- **Quality Assurance** Experts









GHG Accounting Lead Verifier Certification Program

Unlock the skills to become a certified **GHG Accounting Lead Verifier** with our comprehensive **three-day training program**. Organized by the Indian Register Quality Systems (IRQS), this program is designed for professionals aiming to lead in greenhouse gas accounting verification. Join us online via Microsoft Teams for an immersive learning experience.

Key Content

Introduction to GHG Accounting

Overview of greenhouse gas accounting principles and international standards

🗸 Verification Process and Methodologies

In-depth exploration of verification methodologies and processes

💋 Data Quality Assurance

Techniques for ensuring the accuracy and reliability of greenhouse gas data

Verification Reporting and Documentation

Guidelines for preparing comprehensive verification reports

Interactive Case Studies

Practical application through real-world case studies and simulations

Expected Outcome

Participants will acquire the skills and knowledge needed to lead greenhouse gas accounting verification processes. By the end of the training, participants will be equipped to conduct robust verifications, ensuring compliance with international standards and contributing to transparent and accurate emissions reporting.

Who Should Attend

- Environmental Auditors
- Sustainability
 Professionals
- Corporate Environmental Managers
- Energy Managers
- Consultants in GHG Accounting
- Quality Assurance Experts



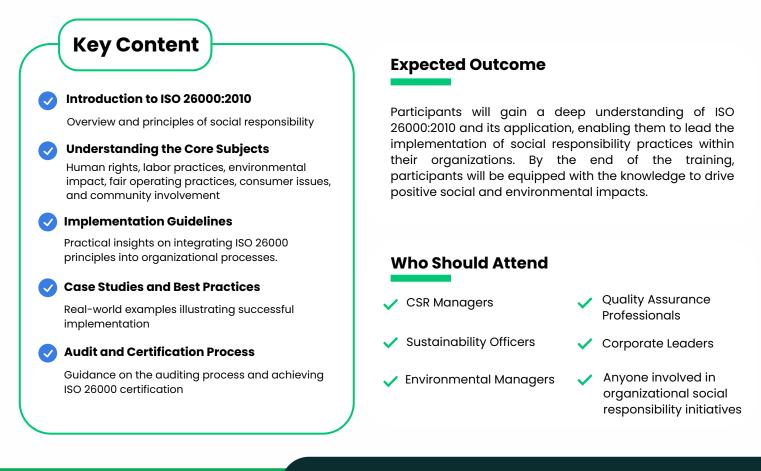




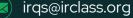


ISO 26000:2010 Social Responsibility Lead Implementor Training

Join us for a comprehensive **three-day training program** on **ISO 26000:2010** Social Responsibility Lead Implementor, organized by the Indian Register Quality Systems (IRQS). This training is designed to equip professionals with the knowledge and skills to effectively implement social responsibility practices in their organizations.



Contact us









Elevate your expertise in Sustainability Reporting aligned with **GRI Standards** with our **three-day training** program. Organized by the Indian Register Quality Systems (IRQS), this program is designed for professionals seeking comprehensive knowledge and practical insights into sustainability reporting. Join us online via Microsoft Teams or Zoom for an enriching learning experience.



Contact us

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irqs@irclass.org







Business Responsibility and Sustainability Reporting (BRSR) Training

Empower your journey in **Business Responsibility and Sustainability Reporting (BRSR)** with our dynamic **three-day training program**. Organized by the Indian Register Quality Systems (IRQS), this training is tailored for professionals seeking a comprehensive understanding of BRSR principles. Join us online via Microsoft Teams or Zoom for an impactful and interactive learning experience.



Contact us







ISO 20400:2017 Sustainable Procurement Awareness Training

Dive into the realm of sustainable procurement with our engaging **two-day ISO 20400:2017 Sustainable Procurement Awareness Training**. Organized by the Indian Register Quality Systems (IRQS), this program is designed to equip professionals with the knowledge and skills needed to integrate sustainable practices into procurement processes. Join us online via Microsoft Teams for an insightful learning experience.

ATERIALS

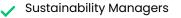


Expected Outcome

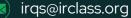
Participants will gain a solid understanding of ISO 20400:2017, enabling them to promote and implement sustainable procurement practices within their organizations. By the end of the training, participants will be equipped with the knowledge and tools to make informed decisions and contribute to environmentally and socially responsible procurement.

Who Should Attend

- Procurement Professionals
- Supply Chain Managers
- Corporate Social Responsibility (CSR) Practitioners



- Quality Assurance
 Experts
- Anyone involved in procurement processes











ISO 20400:2017 Sustainable Procurement Lead Implementor Training

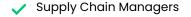
Embark on a transformative journey to become a Sustainable Procurement Lead Implementor with our **three-day ISO 20400:2017 training**. Organized by the Indian Register Quality Systems (IRQS), this program is designed for professionals aiming to lead the implementation of sustainable procurement practices. Join us online via Microsoft Teams for an in-depth and interactive learning experience.

Key Content



Expected Outcome

Participants will emerge as certified Sustainable Procurement Lead Implementors, equipped with the expertise to guide their organizations towards environmentally and socially responsible procurement. By the end of the training, participants will be prepared to implement and manage sustainable procurement practices in line with ISO 20400:2017.



- Quality Assurance Experts
- Anyone tasked with leading sustainable procurement initiatives











In a world increasingly focused on sustainability, achieving carbon neutrality is a critical goal for many organizations. The **ISO 14068-1** standard provides a framework for organizations to demonstrate their commitment to reducing greenhouse gas (GHG) emissions and achieving carbon neutrality. This comprehensive **two-day training course** equips participants with the knowledge and skills necessary to understand, implement, and verify carbon neutrality initiatives according to ISO 14068-1.

Key Content

SO 14068-1 Standard

Exploring the key requirements and principles of ISO 14068-1, including greenhouse gas (GHG) accounting and reporting.

Developing a Carbon Neutrality Strategy

Learn to establish a robust carbon neutrality roadmap outlining emission reduction targets, offsetting strategies, and monitoring plans.

GHG Inventory Management

Gain expertise in conducting comprehensive GHG inventories to quantify your organization's emissions footprint.

Verification and Reporting

Explore the verification process for ISO 14068-1 certification and the importance of transparent reporting.

Carbon Offset Strategies

Understand the different types of carbon offsets available and how to select credible offset projects.

Expected Outcome

Through this course, gain a thorough understanding of ISO 14068-1 requirements and equip yourself to implement a carbon neutrality strategy, manage your organization's carbon footprint, and achieve ISO 14068-1 certification.

Who Should Attend

- Sustainability professionals
- Environmental managers
- Operations and supply chain personnel
- CSR (Corporate Social Responsibility) officers
- Executives and decision-makers committed to carbon neutrality goals







Water Footprint Management as per ISO 14046 Training

Dive into the world of sustainable water management with our **two-day ISO 14046 Water Footprint Management training**. Organized by the Indian Register Quality Systems (IRQS), this program is designed for professionals seeking to enhance their understanding of water footprint assessment and management. Join us online via Microsoft Teams for a comprehensive and interactive learning experience.

Key Content

Introduction to ISO 14046 Overview of ISO 14046 standard and its significance in water footprint management.

Principles of Water Footprint

Assessment In-depth exploration of water footprint assessment methodo – logies and key principles

Scope and Boundaries in Water Footprint Management

Defining the scope and boundaries for effective water footprint assessments

Data Collection and Analysis

Practical guidance on collecting and analyzing data for water footprint assessments

Water Footprint Reporting and Communication

Guidelines for preparing comprehensive reports and communicating findings effectively

Importance of Water Stewardship in Industry

- Exploring the global water crisis and its impact on businesses
- Case studies highlighting successful water stewardship initiatives in industries.

Water Footprint Assessment Methods

- Overview of assessment methodologies.
- Water Footprint within a geographical area
- Water footprint of a business
- Practical exercises on calculating and interpreting water footprints.

Strategies for Reducing Water Footprints

- Best practices and strategies for minimizing water consumption
- Water-efficient technologies and process optimization.

Identifying and Mapping Water Sources

Understanding water sources and their vulnerability

Sustainable Water Management Systems

- Introduction to water management systems (e.g., ISO 14046)
- Implementing water-efficient practices in supply chains.

Stakeholder Engagement and Collaboration

- Importance of engaging with local communities and stakeholders.
- Building partnerships for sustainable water resource management.





Water Footprint Management as per ISO 14046 Training

Expected Outcome

Participants will gain a profound understanding of ISO 14046, enabling them to lead water footprint assessments and management within their organizations. By the end of the training, participants will possess the knowledge and skills to make informed decisions and contribute to sustainable water use practices.

Who Should Attend

- Environmental Managers
- Corporate Social Responsibility (CSR) Practitioners
- Sustainability Professionals
- ✓ Quality Assurance Experts
- ✓ Water Resource Managers
- Anyone involved in water footprint assessment and management initiatives

Advance your skills in sustainable water management. Join us for two days of immersive online training and contribute to responsible water use in your organization!

Contact us









Carbon Border Adjustment Mechanism (CBAM) Training

Unravel the complexities of Carbon Border Adjustment Mechanism (CBAM) with our intensive two-day training program. Organized by the Indian Register Quality Systems (IRQS), this training is tailored for professionals seeking in-depth knowledge of CBAM and its implications. Join us online via Microsoft Teams for an insightful and interactive learning experience.



Contact us

irqs@irclass.org









Zero Waste to Landfill

Training Course

Landfills are reaching capacity, and businesses have a responsibility to minimize their environmental impact. This **Zero Waste to Landfill two-day training course** equips corporate teams with the knowledge and tools to implement a comprehensive waste reduction strategy. By learning practical techniques and best practices, your organization can significantly reduce waste sent to landfills, improve resource efficiency, and contribute to a more sustainable future.

Key Content

Understanding Zero Waste Define the zero-waste philosophy and explore its

hierarchy – reduce, reuse, recycle, compost, and energy recovery.

💋 Waste Stream Analysis

Identify and categorize your organization's waste streams to understand your biggest waste generators.

Developing a Waste Reduction Plan

Learn how to create a customized plan with actionable steps to minimize waste generation and maximize diversion from landfills.

Implementing Strategies

Explore practical solutions for each step of the waste hierarchy, including composting, recycling best practices, and vendor selection.

Monitoring and Evaluation

Learn how to track progress, measure success, and continually improve your waste reduction efforts.

Expected Outcome

SHIILS

Empowered as zero-waste champions, participants will walk away equipped to assess waste streams, design impactful plans, implement effective strategies, and meticulously monitor progress, propelling their organizations towards a more sustainable future.

Who Should Attend

- Sustainability Officers and Managers
- 🗸 Facility Managers
- Operations Managers
- Procurement Specialists
- Waste Management Coordinators
- Anyone interested in learning how to reduce waste within their organization.







Scope 3 Emission Estimation Training Course

In today's sustainability-focused landscape, understanding your organization's total greenhouse gas (GHG) emissions is crucial. While Scopes 1 and 2 cover direct and indirect emissions from your operations, Scope 3 captures the often-overlooked emissions generated throughout your entire value chain – from raw material extraction to product use and disposal. This **Scope 3 Emission Estimation two-day training** equips you with the knowledge and tools to quantify these indirect emissions, gain valuable insights, and develop effective strategies for reduction.

Key Content

Demystifying Scopes 1, 2 & 3

Gain a clear understanding of the GHG Protocol classification and the importance of Scope 3 emissions.

Identifying Scope 3 Categories

Explore the 15 categories outlined in the GHG Protocol to comprehensively map your emissions sources.

Data Collection Strategies

Learn practical techniques for gathering reliable activity data from various stakeholders across your value chain.

Zemission Calculation Methodologies

Master different calculation methods for each Scope 3 category, ensuring accuracy and transparency.

Reporting Frameworks and Tools

Discover best practices for reporting Scope 3 emissions and explore industry-specific reporting frameworks and software tools.

Expected Outcome

This training equips you to comprehensively assess your organization's Scope 3 emissions footprint, from identification and data collection to calculation, reporting, and reduction strategy development.

Who Should Attend

- Sustainability Managers
- Supply Chain Specialists
- Environmental Officers
- CSR Specialists
- Corporate Sustainability Report Writers
- Anyone seeking to gain a comprehensive understanding of Scope 3 Emissions and their role in achieving organizational sustainability goals.





Certification Services

ISO 9001 - QMS



Organization demonstrates its ability to consistently provide product meeting customer and applicable statutory and regulatory requirements. It defines good management system practices and aims at providing a global standard that spells out quality and trust.

ISO 14001 - EMS



Addresses balance between maintaining profitability and reducing environmental impact. It specifies requirements to identify, control and monitor environmental aspects of organization, and how to manage and improve the whole system.

IMS



Common management systems intended to be used as a frame work for implementing two or more management system standards in an integrated way. You can minimize duplication and align your objectives reducing costs.

ISO / IEC 27001 - ISMS



Manage and protect information assets and specifies requirement for safety control establishment. It ensures selection of adequate and proportionate security controls helping information protection.

ISO 45001 - OH&S



Applicable to organization that wishes to improve occupational health and safety by eliminating hazards and minimizing occupational health and safety risks.

ISO 22000



Provides framework defining Food Safety requirements helping you manage legal obligation and commercial objectives. Provides systematic method for analysing food process, determining possible hazards designating critical control points.

FSSC 22000



Internationally accepted certification scheme for food safety. Next logical step for ISO 22000 certified manufacturers wanting to upgrade their certification to a GFSI recognised Standard.

AYUSH Mark



First product certification for Ayush Medicine (Ayurveda, Siddha, Unani, Homeopathy Products/Drugs). AYUSH Standard Mark based on Domestic regulatory (GMP) & AYUSH Premium Mark is based on International (WHO GMP) Guidelines/ Standards.

ISO / IEC 27701 - PIMS



Lays out a set of operational checklists to be adapted to a variety of regulations, including GDPR. Helps companies maintain effective privacy and information security system reducing privacy risks.

**All Accreditations are as of 1st September 2022.

**Discuss with IRQS representative, regarding accredited scope sectors with IRQS of each standard.

Certification Services

ISO 50001 - EnMS



Helps implement processes necessary to understand energy usage. Put in place action plans, targets and energy performance indicators for reducing consumption and identify, prioritize, and record opportunities for improving energy performance.

Coal Inspection & Testing



Utilized for characterization, commercial grading or assigning ranks and deciding utilization for different purposes. Properties of coal often form basis of sale contracts and coal price is based on analytical results

ResponsibleSteel™



**All Accreditations are as of 1st September 2022.

**Discuss with IRQS representative, regarding accredited scope sectors with IRQS of each standard.

ISO 21001 - EOMS



Providing management tools for organizations offering educational products and services. It intends to help educational providers meet students' requirements and needs.

ISO 28000 - SCSMS



Addressing requirements of Security Management System (SMS) for supply chain. It specifies aspects to help organizations assess security threats and to manage them as they arise in their supply chain.

ISO 13485 - MDQMS



Medical device industry's most widely used international standard for quality management. Effective solution to meet comprehensive requirements for Quality Management in the medical device industry.

IATF 16949



Automotive QMS aligns existing US, German, French and Italian automotive quality system standards within global automotive industry. Relevant to all type of automotive supply companies, design /development, production from small manufacturers to Multinational organizations.



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