E-learning Course Duration: 14 Hours

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Chapter - 1: CONTENTS OF ISO 14001:2015 CERTIFIED LEAD AUDITOR TRAINING E-LEARNING COURSE

The entire e-learning course has 9 main parts as below		Details
Lectures		No. of slides
1.	Session - 1 : Overview of ISO 14001:2015	15
	Session - 2: ISO 14001:2015 Requirements	
2.	A. ISO 14001:2015 Requirements (Clause 4.0 to 7.0)	44
	B. ISO 14001:2015 Requirements (Clause 8.0 to 10.0)	18
3.	Session - 3 : Documented Information	13
4.	Session - 4 : Environmental Aspect – Impact	33
5.	Session - 5 : Risk Management	19
6.	Session - 6 : Audit Process	38
7.	Session - 7 : Audit Terms and Definitions and Roles and Responsibilities	20
8.	Session - 8 : Performing an Audit	20
9.	Session - 9 : Nonconformity and Corrective Action	15
Total no. of slides (with Audio lectures) →		235
Hand-outs (each session detail document is given in PDF and participant can download, print, or save it for future reference)		Approx. 196 Pages in PDF
Actual Meeting and Audit Videos		03 Videos
Session Exams at end of each session and Final Exam		Total 10 Exams
Audit Checklist as per Department-wise and Clause-wise		Approx. 400 audit questions
ISC	14001 Certified Lead Auditor training certificate	Award Certificate
	1. 2. 3. 4. 5. 6. 7. 8. 9. Haparet	Lectures 1. Session - 1 : Overview of ISO 14001:2015 Session - 2 : ISO 14001:2015 Requirements 2. A. ISO 14001:2015 Requirements (Clause 4.0 to 7.0) B. ISO 14001:2015 Requirements (Clause 8.0 to 10.0) 3. Session - 3 : Documented Information 4. Session - 4 : Environmental Aspect − Impact 5. Session - 5 : Risk Management 6. Session - 6 : Audit Process 7. Session - 7 : Audit Terms and Definitions and Roles and Responsibilities 8. Session - 8 : Performing an Audit 9. Session - 9 : Nonconformity and Corrective Action Total no. of slides (with Audio lectures) → Hand-outs (each session detail document is given in PDF and participant can download, print, or save it for future reference) Actual Meeting and Audit Videos Session Exams at end of each session and Final Exam

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Part - 1 Lectures:

Under this part total nine sessions are given as Presentations with explanatory audio to understand the subject.

> Session - 1:

In this session, participants will learn about ISO 14001:2015 course and standard in detail. It covers total 15 slides on below topics:

- 1. Session 1: Overview of ISO 14001:2015
- 2. ISO Facts
- 3. Environmental Management System Terms and Definitions
- 4. What is ISO 14001?
- 5. Messages from ISO 14001:2015 Standard
- 6. What are the goals of ISO 14001?
- 7. Overview of Environment Management System (EMS)
- 8. Why Implement Environmental Management System?
- 9. Managing Environment through EMS
- 10. Environmental Approach
- 11. Advantages of ISO 14001:2015 Environmental Management System
- 12. ISO 14001:2015 Important Issues
- 13. Environmental Aspects
- 14. Connectivity of EMS and Confirmative Assessment as per ISO 14001:2015
- 15. Conclusion

Session - 2:

In this session, participants will learn about the requirements of ISO 14001:2015 in detail. It covers two parts:

A. ISO 14001:2015 Requirements (Clause - 4.0 to 7.0)

- 1. Session 2A: ISO 14001:2015 Requirements (Clause 4.0 to 7.0)
- 2. Overview of ISO 14001:2015 Standard
- 3. Structure of Standards as per ISO 14001:2015
- 4. Clause 1-2-3 of ISO 14001:2015 Standard
- 5. Clause 4.0:Context of the Organization

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- 6. Clause 4.1:Understanding the organization and its context
- 7. Considerations for determining the issues
- 8. External Context
- 9. Internal Context
- 10. Clause 4.2: Understanding the Needs & Expectations of Interested Parties
- 11. Interested Parties Stakeholders
- 12. List of Interested Parties
- 13. Clause 4.3: Determining the Scope of Environment Management System
- 14. Approach of Clauses 4.1 to 4.3
- 15. Clause 4.4:Environmental Management System
- 16. Clause 5.0:Leadership
- 17. Clause 5.1:Leadership and Commitment
- 18. Clause 5.2: Environmental Policy
- 19. Environmental Policy Statement and Management Concepts
- 20. The Environmental Policy: Key Points
- 21. Environmental Policy
- 22. Clause 5.3:Organizational Roles, Responsibilities and Authorities
- 23. Clause 6.0:Planning
- 24. Clause 6.1: Actions to address risks and opportunities
- 25. Clause 6.1: Actions to address risks and opportunities (Continued...)
- 26. Clause 6.1: Actions to address risks and opportunities (Continued...)
- 27. Clause 6.1: Actions to address risks and opportunities (Continued...)
- 28. Clause 6.1: Actions to address risks and opportunities (Continued...)
- 29. Register of Regulatory Requirements
- 30. Clause 6.1: Actions to address risks and opportunities (Continued...)
- 31. Clause 6.2: Environmental Objectives and Planning to Achieve them
- 32. Clause 6.2: Environmental Objectives and Planning to Achieve them (Continued...)
- 33. Clause 6.2: Environmental Objectives and Planning to Achieve them (Continued...)
- 34. Clause 6.2: Environmental Objectives and Planning to Achieve them (Continued...)
- 35. Clause 6.2: Environmental Objectives and Planning to Achieve them (Continued...)

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- 36. Environmental Objectives
- 37. Clause 7.0: Support
- 38. Clause 7.1: Resources
- 39. Clause 7.2: Competence
- 40. Clause 7.3: Awareness
- 41. Clause 7.4: Communication
- 42. Clause 7.5: Documented Information
- 43. Clause 7.5: Documented Information (Continued...)
- 44. Sample List of Documented Information for EMS

B. ISO 14001:2015 Requirements (Clause - 8.0 to 10.0)

- 1. Session 2B: ISO 14001:2015 Requirements (Clause 8.0 to 10.0)
- 2. Clause 8.0:Operation
- 3. Clause 8.1:Operational planning and control
- 4. Operational Control Measures
- 5. Clause 8.2:Emergency preparedness and response
- 6. Possible Emergencies
- 7. Emergency Preparedness: Key Points
- 8. Emergency Preparedness
- 9. Emergency Plan
- 10. Clause 9.0: Performance Evaluation
- 11. Clause 9.1: Monitoring, measurement, analysis & evaluation
- 12. Clause 9.1: Monitoring, measurement, analysis & evaluation (continued...)
- 13. Clause 9.2:Internal audit
- 14. Clause 9.3: Management Review
- 15. Clause 10.0:Improvement
- 16. Clause 10.1:General
- 17. Clause 10.2: Nonconformity and corrective action
- 18. Clause 10.3: Continual improvement

> Session - 3 :

In this session, participants will learn about ISO 14001:2015 documented information. It covers total 13 slides on below topics:

1. Session - 3: Documented Information

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- 2. What is Documented Information?
- 3. Flexibility in Documentation in ISO 14001:2015
- 4. ISO 14001:2015 Documented Information
- 5. Documented Information Four-tier Document Structure
- 6. Tier:1 Environmental Manual (Optional) (Top Management's Handbook)
- 7. Tier:2 Environmental Procedures (Optional)
- 8. Sample Environmental Procedure
- 9. Tier:3 Environmental System Documented Information
- 10. Tier: 4 Environmental System Documented Information
- 11. List of Maintain Documented Information
- 12. List of Retain Documented Information
- 13. Control of Documented Information

> Session - 4:

In this session, participants will learn about Environmental Aspect – Impact. It covers total 33 slides on below topics:

- 1. Session 4 : Environmental Aspect Impact
- 2. Definition of Environmental Aspect & Impact
- 3. What is Environmental Aspect & Impact
- 4. Requirements of ISO 14001:2015
- 5. Environmental Aspects
- 6. Common Environmental Aspects
- 7. Environmental Aspect Identification
- 8. Aspect Impact identification
- 9. Aspect Identification Techniques
- 10. Aspect Identification: Core Team and Initial Review
- 11. Interrelationship Between Activity, Aspect, and Impact & Effect Examples (Continued...)
- 12. Interrelationship Between Activity, Aspect, and Impact & Effect (Continued...)
- 13. Interrelationship Between Activity, Aspect, Impact & Effect
- 14. Product Life-cycle
- 15. Requirements of ISO 14001:2015
- 16. Significant Aspect-Impact Assessment Tools
- 17. Impact / Severity Rating
- 18. Probability Rating
- 19. Detectability Rating

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- 20. Significant Aspects: Key Points
- 21. Significance Criteria Evaluation Method 1
- 22. Significance Criteria Evaluation Method 2
- 23. Environmental Objectives, Targets, Achievement & Management Plan
- 24. Requirements of ISO 14001:2015
- 25. Establishment of Environmental Objectives
- 26. Environmental Objectives and Targets
- 27. Inputs for Environmental Objectives
- 28. How to measure progress towards objectives?
- 29. An Integrated Environmental Objective
- 30. Few Examples of Objectives and Targets
- 31. Environmental Objectives & Targets
- 32. Environmental Objectives Achievement Plan
- 33. Environmental Management Plan

> Session - 5:

In this session, participants will learn about ISO 14001:2015 Risk Management. It covers total 19 slides on below topics:

- 1. Session 5: Risk Management
- 2. What is Risk Management?
- 3. Risk Management
- 4. Why use risk-based thinking?
- 5. How we do Risk Management?
- 6. Risk Management Approach
- 7. Risk Management Process
- 8. Risk Management Phases
- 9. Phase-1: Risk Analysis
- 10. Severity / Impact
- 11. Risk assessment in organization
- 12. Risk Assessment Likelihood Examples
- 13. Phase-2: Risk Evaluation
- 14. Risk Evaluation-Managing and Qualifying Risks
- 15. Phase-3: Risks Monitoring and Control
- 16. Risk Treatment
- 17. Phase-4: Post-test Operation Information

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- 18. Areas to Consider for Risk and Opportunity Identification
- 19. Possible Risks in an Organization

> Session - 6:

In this session, participants will learn about Audit Process. It covers total 38 slides on below topics:

- 1. Session 6 : Audit Process
- 2. Outline of this session
- 3. Audit Definition
- 4. What is an audit?
- 5. Why Audit?
- 6. Tips for trained auditors
- 7. Principles of Auditing
- 8. Types of Audit
- 9. Management System Audit Techniques
- 10. Steps involved in audit
- 11. Implementing the Audit Program
- 12. Seven Steps of Implementation of Audit Program
- 13. Step no. 1 Audit Planning
- 14. Contents of Audit Plan
- 15. Sample Audit Plan
- 16. Step no. 2 Developing Checklists
- 17. Step no. 3 Conducting Opening Meeting
- 18. Step no. 3 Conducting Opening Meeting (continued...)
- 19. Step no. 4 Conducting the audit
- 20. Conducting the Audit Activities
- 21. Interview and Questioning Techniques
- 22. Collecting Evidences of Compliance
- 23. Objective Evidences
- 24. Step no. 5 Recording Audit Findings
- 25. Identifying Non-compliances
- 26. Observations (Opportunities for Improvement)
- 27. Nonconformity Report
- 28. Step no. 6 Conducting the Closing Meeting

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- 29. Checklist for Conducting the Closing Meeting
- 30. Step no. 7 Preparing the Audit Report
- 31. Contents of Audit Report
- 32. Conducting Audit Follow-up
- 33. Auditor's Qualities
- 34. Auditor's Personal Behavior
- 35. Auditor's Conduct
- 36. The Audited Persons' Conduct
- 37. Overview of the Process of Collecting and Verifying Information
- 38. Reference

Session - 7:

In this session, participants will learn about Audit Terms and Definitions and Roles and Responsibilities. It covers total 20 slides on below topics:

- 1. Session 7: Audit Terms and Definitions and Roles and Responsibilities
- 2. Terms and Definitions
- 3. Audit Roles and Responsibilities
- 4. Role and Responsibilities of Auditing Organization (Certifying Body)
- 5. Role and Responsibilities of Lead Auditor / Team Leader
- 6. Role and Responsibilities of Lead Auditor
- 7. Role and Responsibilities of Auditor
- 8. Role and Responsibilities of Auditee Organization
- 9. Role and Responsibilities of Audited Person
- 10. Role and Responsibilities of Guide
- 11. Role and Responsibilities of Observer
- 12. Audit Communication Effective Communication with Auditee
- 13. Evaluation of the system by Auditor
- 14. Essential Characteristics of Auditor
- 15. Bad habits to avoid
- 16. Interviewing A Critical Audit Step
- 17. Interviewing Technique
- 18. Questioning Technique for Interviews
- 19. Open Questions Auditor's Friends
- 20. Need for Auditor's Confidentiality

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> Session - 8:

In this session, participants will learn how to Performing an Audit. It covers total 20 slides on below topics:

- 1. Session 8: Performing an Audit
- 2. Performing audit activities
- 3. Overview of OH&S Management System Audit
- 4. Audit Techniques
- 5. Ways of Performing Audits
- 6. How do auditors find evidence?
- 7. What should be reviewed as part of document review?
- 8. Observations
- 9. Auditors' Proverb: "Seeing is believing" Visit the field! See the 'real world'!!!
- 10. Three Approaches for Auditing
- 11. Auditing Using Process Approach
- 12. Auditing Using Process Approach
- 13. Why Prepare a "Checklist" Before an Audit?
- 14. Checklist Format
- 15. Audit Checklists: Should and Should Not
- 16. Follow Audit Trails
- 17. Auditing Top Management
- 18. Always Take Notes
- 19. Time Management
- 20. Can auditors provide solutions as well..?....

> Session - 9:

In this session, participants will learn about Nonconformity and Corrective Action. It covers total 15 slides on below topics:

- 1. Session 9: Nonconformity and Corrective Action
- 2. Nonconformity Reporting
- 3. Objective Evidence
- 4. Non-conformity Report (NCR)

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- 5. Wording of NCR
- 6. Categorizing Non-Compliances
- 7. Observations (Notes of Auditors)
- 8. Agreement between Auditor and Auditee on NCR
- 9. Care to be taken while creating an NCR
- 10. Sample Non-Conformity Report (NCR)
- 11. Closing Meeting
- 12. Conducting the Closing Meeting
- 13. Communicating Audit Findings in Closing Meeting
- 14. Corrective Action
- 15. Audit Follow-up Activity

Part – 2 Hand-outs:

For each lecture, hand-out is given in PDF format. The participant can download or print any documents to read it later to get detailed knowledge of all the nine topics.

Sr. No	Name of Literature	Total Pages
1	Overview of ISO 14001:2015	9
2	Clause-wise Requirements of Environmental	27
	Management System	
3	Documented Information	13
4	Environmental Aspect – Impact, Objective & Plan	15
5	Risk Management	12
6	Audit Process	26
7	Audit Terms and Definitions and Roles and	12
	Responsibilities	
8	8A. Performing Audit - Environmental Management	13
	System	
	8B. ISO 14001:2015 Audit Checklist	25
	8C. EMS Manual	35
9	Nonconformity Reporting and Corrective Action	9

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Part - 3 Actual Meetings and Audit Videos:

A complete video demonstration of opening – closing meetings as well as Audit meeting is provided under this section. Auditor can watch and learn how to perform audit in organization and manage the opening and closing meetings with management employees.

Sr. No	Name of Videos	Duration
1	Session 6 : Audit Opening Meeting	10 Minutes
2	Session 8 : Performing Actual Audit	6 Minutes
3	Session 9 : Conducting Audit Closing Meeting	6.30 Minutes

Part - 4 Exams:

Each session contains session exam, Participants have to pass the exam after completion of each session. After passing all session exams there is one final exam, participant must have to pass exam with minimum 80% marks. User can reappear and clears each exam to complete the course and get download/print their ISO 14001:2015 lead auditor training certificate.

Part – 5 Audit Checklists:

The Audit checklists with more than 400 Environmental management system audit questions as below:

- 1. ISO 14001:2015 requirement wise questions
- 2. Department wise audit questions

Part – 6 Training Certificate:

After passing the exam the colorful training certificate is generated and user can download it or print it. Any one globally can cross verify the training certificate through our LMS platform.

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Chapter - 2: COURSE OBJECTIVES

Upon Completion of this course, participants will be able to:

- ✓ Familiarize yourself with ISO 14001:2015 requirements clauses and sub clauses.
- ✓ Get an overview of ISO 14001:2015 and the benefits to implement it.
- ✓ Understand General and structural requirements of ISO 14001:2015 standard.
- ✓ Know about the resource requirements and process requirements.
- ✓ Know about the management system requirements of the ISO 14001:2015 standard.
- ✓ Understand documentation and list of procedures and records and to check them as lead auditor.
- ✓ Get the knowledge of lead auditing and use of audit checklist.
- ✓ Understand the processes involved in auditing.
- ✓ Know about the types of auditing and questioning techniques.
- ✓ Understand how to prepare and maintain lead audit records.
- ✓ Get the ready-to-use lead audit checklist with clause-wise questions to perform an effective audit.
- ✓ Understand the new concepts of impartiality, risk management and risk evaluation techniques, decision rule, and process approach.
- ✓ Make a team of lead auditors to establish quick and effective system for ISO 14001:2015 accreditation.

Chapter - 3: WHO SHOULD ATTEND THIS COURSE?

This course is developed and brought to you by Punyam Academy; an ISO/IEC 17024 accredited training provider company, which offers various e-learning as well as classroom training courses for working professionals, college students, and other individuals for enhancing their career to new heights. Our e-learning courses help them to succeed in today's competitive environment, to renew licenses, and to update, strengthen and add quality to their existing knowledge and skills. Our courses are also useful for those who want to get certification, or start a new profession.

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Chapter - 4: USER MANUAL

Compatibility and Requirements for smoothly running our course

- 1. Bandwidth: Internet bandwidth must me 1 MBPS or higher.
- 2. Operating System: Microsoft Windows XP and higher versions, iOS, Android.
- 3. **Browser:** Best viewable in Mozilla Firefox, Google Chrome. Also supports Internet Explorer.
- 4. **Screen Resolution:** To view slides properly, you must have a screen resolution of 1024 x 768 or higher.
- 5. **Cookies:** You must have browser cookies enabled, so that we can maintain your current session as you navigate through the application.
- 6. **JavaScript:** You must have enabled JavaScript, so that application runs smoothly.
- 7. **Adobe Acrobat Reader:** Some documents in our application are in .pdf format, so you must have installed adobe acrobat reader in your computer to be able to read such documents that you download.
- 8. **Pop-up Enable:** In your browser setting, check Pop-up blocker off, or enable Pop-up window.
- 9. **Speaker:** You must have speakers or a headphone attached to your computer, so that you can listen to the course lecture while learning.



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Chapter - 5: ABOUT COMPANY

Punyam Academy is an ISO/IEC 17024 certified training provider company, which offers various ISO Training Courses and conducts webinars for online certification as well as classroom training. We are a leading name in E-learning, training and certification on ISO standards and all other types of management system standards. Punyam Academy specializes in a complete range of courses on awareness, auditor and lead auditor courses on ISO 9001, ISO 14001, ISO 45001, ISO 22000, ISO 27001, OHSAS 18001, ISO/IEC 17025, ISO/IEC 17020, ISO/IEC 17021, FSSC 22000, ISO 27001, ISO 50001, ISO 13485, ISO 20000, ISO/IEC 17024, ISO 17034, Sedex, ISO 22301, NABH, Certified Calibration Engineer and other management system training courses. We provide E-learning courses on all of these topics through effective, enjoyable and time-saving online training sessions and webinars. We have conducted more than 300 public training programs as well as online corporate training sessions in more than 45 countries.

To review how our LMS works, Click Here

Visit Our Website for more E-learning Courses and PPT Packages:

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