

COURSE OVERVIEW FE0920 API 580: Risk Based Inspection

(API Exam Preparation Training)

Course Title

API 580: Risk Based Inspection (API Exam Preparation Training)

Course Date/Venue

August 11-15, 2024/Meeting Plus TBA, City Centre Rotana Doha Hotel, Doha, Qatar

Exam Window/Venue

December 06-27, 2024/Abu Dhabi, Dubai, Al-Khobar, Jeddah, Kuwait, Amman, Beirut, Cairo, Manama and Muscat. Participant has the option to attend at any of the above cities



Exam Registration Closing Date

September 27, 2024

Course Reference

FE0920

Course Duration/Credits
Five days/4.0 CEUs/40 PDHs

Course Description







This practical and highly-interactive course includes various practical sessions and exercises. Theory learnt will be applied using our state-of-theart simulators.

The API 580 Risk-Based Inspection (RBI) certification exam tests the individual's knowledge of RBI techniques, based on the practices and principles outlined in API Recommended Practice 580 (Risk-Based Inspection) and API Standard 581 (Risk-Based Inspection Technology).

This course is designed to train individuals who are interested in obtaining the API 580 RBI Inspector Certification, as well as those who are seeking an advanced knowledge of Risk Based Inspection requirements. Included with the course is a pre-study guide and student classroom workbook. The student receives instruction regarding how to take the test, as well as insight into the intricacies of "real world" situations. Daily tests are designed to gauge students' proficiency and understanding of the material.

Haward Technology is proud of its **90% pass rate** on all our API sponsored courses.



















Further, the course will also discuss the importance of risk-based inspection (RBI) in industry and the goals and benefits of RBI program; the qualitative, semi-quantitative and quantitative methods; the selection criteria for RBI methodology and integration of RBI into inspection programs; the basic concepts of risk, risk matrix and risk ranking and API 581 risk assessment procedures; the common damage mechanisms in the refining and petrochemical industry; the impact of damage mechanisms on risk assessment; the equipment and circuits for RBI; the data collection and documentation for RBI and integration of plant inspection data; the relevant API standards (API 510, 570, 653) and the legal and regulatory framework affecting RBI; the probability of failure (POF) and consequence of failure (COF); the RBI inspection techniques, non-destructive testing (NDT) methods and selection of appropriate NDT methods based on risk; developing inspection planning and scheduling; and the data quality and management in RBI assessment.

During this interactive course, participants will learn the software tools for RBI, RBI program and RBI program maintenance; the risk communication and reporting, performance measurement and improvement; the RBI program audit and review; the quantitative risk assessment (QRA) and reliability-centered maintenance (RCM); the life cycle cost analysis and advanced inspection technologies; the human factors in risk assessment and organizational culture and its impact on RBI effectiveness; incorporating safety and environmental risks; and the compliance with safety and environmental regulations.

Course Objectives

Upon the successful completion of this course, each participant will be able to:-

- Get prepared for the next API 580 exam and have enough knowledge and skills to pass such exam in order to get the API 580 Inspector certificate
- Discuss API 580 including the importance of risk-based inspection (RBI) in industry and the goals and benefits of RBI program
- Carryout qualitative, semi-quantitative and quantitative methods including the selection criteria for RBI methodology and integration of RBI into inspection programs
- Identify the basic concepts of risk, risk matrix and risk ranking and API 581 risk assessment procedures
- Recognize the common damage mechanisms in the refining and petrochemical industry and the impact of damage mechanisms on risk assessment
- Identify the equipment and circuits for RBI as well as apply data collection and documentation for RBI and integration of plant inspection data
- Discuss the relevant API standards (API 510, 570, 653) and the legal and regulatory framework affecting RBI
- Explain the probability of failure (POF) and consequence of failure (COF)
- Apply RBI inspection techniques, non-destructive testing (NDT) methods and selection of appropriate NDT methods based on risk
- Develop inspection planning and scheduling and apply data quality and management in RBI assessment
- Use software tools for RBI, develop RBI program and implement RBI program maintenance
- Employ risk communication and reporting, performance measurement and improvement and RBI program audit and review
- Carryout quantitative risk assessment (QRA) and reliability-centered maintenance (RCM)

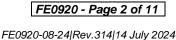




















- Illustrate life cycle cost analysis covering cost-benefit analysis for inspection interventions and economic modeling of RBI decisions
- Apply advanced inspection technologies and identify human factors in risk assessment and organizational culture and its impact on RBI effectiveness
- Incorporate safety and environmental risks and comply with safety and environmental regulations

Who Should Attend

This course is designed for those involved in risk based inspection methodologies and practices in refineries, gas, oil and petrochemical facilities. This includes inspection engineers and inspectors who are seeking API-580 certification. Other engineers, inspectors, maintenance staff, facility integrity personnel and asset managers who are considering or implementing risk based inspection systems will definitely benefit from this course.

Exam Eligibility & Structure

Exam candidates shall have the following minimum pre-requisites:-

Education	Years of Experience	Experience Required
BS or higher in engineering or technology	1 year	Any experience in the petrochemical industry
2-year degree or certificate in engineering or technology	2 years	Any experience in the petrochemical industry
High school diploma or equivalent	3 years	Any experience in the petrochemical industry
No formal education	5 or more years	Any experience in the petrochemical industry

Required Codes & Standards

Listed below are the effective editions of the publications required for this exam for the date(s) shown above. Each student must purchase these documents separately and have them available for use during the class as their cost is not included in the course fees:-

- API Recommended Practice 580 (Risk-Based Inspection): This document provides guidance on developing a risk-based inspection (RBI) program for fixed equipment and piping in the petrochemical industry.
- API Standard 581 (Risk-Based Inspection Technology): Provides the quantitative procedures to establish an inspection program using risk-based methods for assessing and managing the risk of equipment failure in hydrocarbon and chemical process facilities.
- API Recommended Practice 571 (Damage Mechanisms Affecting Fixed Equipment in the Refining Industry): While not the primary focus, understanding the common damage mechanisms presented in this document is crucial for identifying risks and making informed decisions in an RBI program.

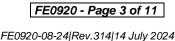
Note: API and ASME publications are copyrighted material. Photocopies of API and ASME publications are not permitted.













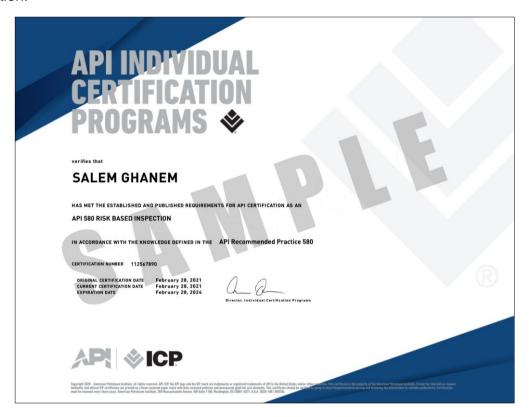




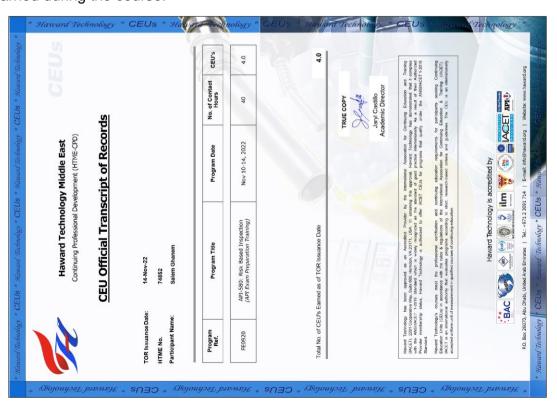


API Certificate(s)

API-580 certificate will be issued to participants who have successfully passed the API-580 examination.



(2) Official Transcript of Records will be provided to the successful delegates with the equivalent number of ANSI/IACET accredited Continuing Education Units (CEUs) earned during the course.

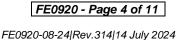






















Certificate Accreditations

Certificates are accredited by the following international accreditation organizations:

• The International Accreditors for Continuing Education and Training (IACET - USA)

Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units** (CEUs) in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology Middle East will award **4.0 CEUs** (Continuing Education Units) or **40 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.



Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

30% Lectures

20% Practical Workshops & Work Presentations

30% Hands-on Practical Exercises & Case Studies

20% Simulators (Hardware & Software) & Videos

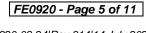
In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.

















Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:



Mr. Danny Gul is a Senior Inspection and Integrity Engineer with extensive years of experience within the Oil & Gas, Petrochemical, Process and Nuclear Industries and provides inspection, training, and consultancy in various areas. His wide expertise lies extensively in the areas of Risk Based Inspection and assessment (API 580), RBI Methodology (API 581), Fitness-for-Service (FFS) Assessment (API 579), Atmospheric & Low Pressure Storage Tank Inspection, reconstruction, alteration & Repair API 653, Welded Tanks for Oil Storage (API 650), Atmospheric & Low Pressure storage tank Inspection practices (API RP 575), Pressure Vessel Inspection Code: In-Service

Inspection, Rating, Repair, and Alteration (API 510), Piping Inspection Code: In-service Inspection, Rating, Repair, and Alteration of Piping (API 570), Inspection Practices for Piping System Components (API 574), Inspection of Pressure-relieving Devices (API 576), Welding Processes, Inspection, and Metallurgy (API 577), Damage Mechanisms Affecting Fixed Equipment in the Refining Industry (API 571), Guidelines for a Material Verification Program (API 578), American Society of Mechanical Engineers (ASME), Boiler and Pressure Vessel Code Section V, Nondestructive Examination, ASME Section IX, Welding, Brazing and Fusing, ASME B16.5, Pipe Flanges and Flanged Fittings, ASME B31.3, Process Piping, Inspection Practices for Pressure Vessels (API 572), Section VIII, Rules for Construction of Pressure Vessels, Division 1and Division 2, American Society of Mechanical Engineers (ASME) PCC-2, Repair of Pressure Equipment and Piping, API Recommended Practice 651, Cathodic Protection of Aboveground Petroleum Storage Tanks, API Recommended Practice 652, Lining of Aboveground Petroleum Storage Tank Bottoms, inspection of Fired Boilers and Heaters (API 573), Welding Guidelines for the Chemical, Oil, and Gas Industries (API 582), Corrosion Under Insulation and Fireproofing (API 583), Integrity Operating Windows (API 584), Design and Construction of Large, Welded, Low-Pressure Storage Tanks (API 620), Aboveground Storage Tank Caulking or Sealing the Bottom Edge, Projection to the Foundation (API 654), Venting Atmospheric and Low-Pressure Storage Tanks (API 2000), Valve Inspection and Testing (API 598), Std 1104 Welding of Pipelines and Related Facilities, RP 1169 Pipeline Construction Inspection, ASME BPVC Section II Materials, ASME PCC-1 Pressure Boundary Bolted Flange Joint Assembly, ASME PCC-3 Inspection Planning Using Risk-Based Methods, ASME B31.4 Pipeline Transportation Systems for Liquids and Slurries, ASME B31.8 Gas Transmission and Distribution Piping Systems, ASME B16.47 large-diameter-steel-flanged, Fabrication & Site Inspection, Site Erection Quality Control, Welding & Non-Destructive Testing (NDE), Hydro & Pneumatic Testing, Failure Mode & Effect Analysis (FMEA), Process Hazard Analysis (PHA), Human Factor Analysis, Hazard & Operability (HAZOP) Analysis, Layer of Protection Analysis (LOPA), QRA (Quantitative Risk Analysis), SIL (Safety Integrity Level) Evaluation, FTA (Fault Tree Analysis), ETA (Event Treee Analysis)

During his Career Life, Mr. Gul has gained his practical and field experience through various significant positions and dedication as the Head QA/QC, Inspection Specialist, Project Control Coordinator, Process Safety & Integrity Technical Expert, Nuclear Material & Equipment Inspector, Freelance API 653/580/571.EN ISO 9712 UT Level II and RT Level II complies with Pressure Equipment **Directive** (PED) 2014/68/EU Authorized Inspector/Consultant/Trainer To provide Supervision, Consultancy, Inspection, And Trainings for numerous international and national companies like SLB (Previously known as Schlumberger), Assystem, American Petroleum Institute, TUV Nord, BOTAS Petroleum Pipeline Corporation (BOTAS), Abu Dhabi National Oil Company (ADNOC), QATAR GAS, BIL (BOTAŞ International Limited).

Mr. Gul has a Bachelor's degree in Mechanical Engineering from the Istanbul Technical University, Turkey. Further, he is a Certified Instructor/Trainer, a Certified API 653 Aboveground Storage Tank Inspector, a Certified API 580 Risk Based Inspector a Certified API 571 Corrosion & Materials Inspector, a certified EN ISO 9712 UT and RT Level II complies with Pressure Equipment Directive (PED) 2014/68/EU.He has further delivered numerous trainings, courses, seminars, conferences & workshops internationally.



















Accommodation

Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

Training Fee

US\$ 6,000 per Delegate. This rate includes Participants Pack (Folder, Manual, Handouts, etc.), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Exam Fee

US\$ 550 per Delegate.

Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the course for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Dav 1: Sunday, 11th of August 2024

Day I.	Sunday, 11 Of August 2024
0730 – 0800	Registration & Coffee
0800 - 0815	Welcome & Introduction
0815 - 0830	PRE-TEST
	Introduction to API 580 & Risk-Based Inspection (RBI)
0830 - 0930	Overview of API 580 • Importance of RBI in Industry • Goals & Benefits of
	Implementing an RBI Program
0930 - 0945	Break
	Risk-Based Inspection Methodologies
0945 - 1100	Qualitative, Semi-Quantitative & Quantitative Methods • Selection Criteria for
	RBI Methodology • Integration of RBI into Inspection Programs
	Risk Assessment & API 581
1100 - 1200	Basic Concepts of Risk: Likelihood & Consequence • Risk Matrix & Risk Ranking •
	Introduction to API 581 Risk Assessment Procedures
1200 - 1300	Lunch
	Damage Mechanisms (API RP 571)
1300 - 1430	Common Damage Mechanisms in the Refining & Petrochemical Industry • Impact
	of Damage Mechanisms on Risk Assessment
	Planning & Scoping for RBI
1430 - 1530	Identifying Equipment & Circuits for RBI • Data Collection & Documentation for
	RBI Assessment • Integration with Plant Inspection Data
1530 – 1545	Break
	Regulatory & Industry Standards for RBI
1545 - 1645	Overview of Relevant API Standards (API 510, 570, 653) • Legal & Regulatory
	Framework Affecting RBI
	Recap
1645 – 1700	Using this Course Overview, the Instructor(s) will Brief Participants about the
1043 - 1700	Topics that were Discussed Today and Advise Them of the Topics to be Discussed
	Tomorrow
1700	End of Day One

Monday, 12th of August 2024 Day 2:

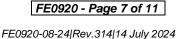
0730 - 0830	Review of Day 1
0830 - 0930	Probability of Failure (POF)
	Factors Affecting POF • Inspection History & POF • Data Analysis & Interpretation





















0930 - 0945	Break
0945 – 1100	Consequence of Failure (COF)
	Safety, Environmental & Financial Impacts • COF Calculation Methodologies
	RBI Inspection Techniques
1100 - 1200	Non-Destructive Testing (NDT) Methods • Selection of Appropriate NDT Methods
	Based on Risk
1200 – 1300	Lunch
	Inspection Planning & Scheduling
1300 - 1430	Prioritizing Inspection Activities Based on Risk • Developing Inspection Plans &
	Schedules
	Data Quality & Management
1430 - 1530	Importance of Data Quality in RBI Assessment • Data Management Practices &
	Tools
1530 - 1545	Break
1545 – 1645	Software Tools for RBI
	Overview of Available RBI Software • Criteria for Selecting RBI Software
1645 – 1700	Recap
	Using this Course Overview, the Instructor(s) will Brief Participants about the Topics
	that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1700	End of Day Two

Day 3. Tuesday, 13th of August 2024

Day 3:	Tuesday, 13" of August 2024
0730 - 0830	Review of Day 2
	Developing an RBI Program
0830 - 0930	Steps to Implement an RBI Program • Integration with Existing Asset Management
	Systems
0930 - 0945	Break
	RBI Program Maintenance
0945 - 1100	Review & Update of RBI Assessments • Managing Changes in Process Conditions or
	Equipment
1100 1200	Case Studies: Implementing RBI
1100 – 1200	Examples of Successful RBI Implementation • Lessons Learned & Best Practices
1200 - 1300	Lunch
1200 1420	Risk Communication & Reporting
1300 – 1430	Communicating Risk to Stakeholders • Reporting Requirements & Formats
	Performance Measurement & Improvement
1430 - 1530	Key Performance Indicators (KPIs) for RBI Programs • Continuous Improvement in
	RBI Processes
1530 – 1545	Break
	RBI Program Audit & Review
1545 - 1645	Audit Objectives & Methodologies • Addressing Findings & Implementing Corrective
	Actions
1645 – 1700	Recap
	Using this Course Overview, the Instructor(s) will Brief Participants about the Topics
	that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1700	End of Day Three

Wednesday, 14th of August 2024 Day 4:

- 7	
0730 - 0830	Review of Day 3
	Advanced Risk Assessment Techniques & Management
0830 - 0930	Quantitative Risk Assessment (QRA) • Detailed Methodologies for QRA • Case
	Studies on QRA Application



















0930 - 0945	Break
0945 – 1100	Reliability-Centered Maintenance (RCM) & RBI
0943 - 1100	Integrating RCM with RBI • Optimizing Maintenance Strategies Based on Risk
	Life Cycle Cost Analysis
1100 - 1200	Cost-Benefit Analysis for Inspection Interventions • Economic Modeling of RBI
	Decisions
1200 - 1300	Lunch
	Advanced Inspection Technologies
1300 - 1430	Latest Advancements in NDT & Inspection Technologies • Application of Advanced
	Technologies in RBI
	Human Factors & Organizational Impact on RBI
1430 – 1530	Role of Human Factors in Risk Assessment • Organizational Culture & its Impact on
	RBI Effectiveness
1530 – 1545	Break
	Safety & Environmental Considerations in RBI
1545 – 1645	Incorporating Safety & Environmental Risks • Compliance with Safety &
	Environmental Regulations
	Recap
1645 – 1700	Using this Course Overview, the Instructor(s) will Brief Participants about the Topics
	that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1700	End of Day Four

Thursday 15th of August 2024 Day 5

Review of Day 4 Review of Pay 4 Review & Exam Preparation	Day 5:	Thursday, 15" of August 2024
Review of API 580 & 581 Key Concepts • Critical Elements of API 580 & 581 • Recap of Main Topics & Principles 0930 - 0945 Break 0945 - 1100 Reviewing Sample Questions • Discussion Reviewing Sample Questions • Discussion on Approaches to Answering Questions Exam Strategies & Time Management 1100 - 1230 Tips for Effective Exam Preparation • Strategies for Managing Time During the Exam 1230 - 1330 Lunch Case Study Workshop 1330 - 1500 Group Discussion on a Comprehensive RBI Case Study • Practical Application of RBI Concepts & Methodologies 1500 - 1515 Break Open Q&A Session Addressing any Remaining Questions & Clarifications • Sharing Resources for Further Study Course Conclusion 1615 - 1630 Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course 1630 - 1645 POST-TEST 1645 - 1700 Presentation of Course Certificate	0730 - 0830	Review of Day 4
Recap of Main Topics & Principles 0930 – 0945 Break 0945 – 1100 Sample Exam Questions & Discussion Reviewing Sample Questions • Discussion on Approaches to Answering Questions Exam Strategies & Time Management 1100 – 1230 Tips for Effective Exam Preparation • Strategies for Managing Time During the Exam 1230 – 1330 Lunch Case Study Workshop 1330 – 1500 Group Discussion on a Comprehensive RBI Case Study • Practical Application of RBI Concepts & Methodologies 1500 – 1515 Break Open Q&A Session Addressing any Remaining Questions & Clarifications • Sharing Resources for Further Study Course Conclusion 1615 – 1630 Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course 1630 – 1645 POST-TEST 1645 – 1700 Presentation of Course Certificate		Review & Exam Preparation
Recap of Main Topics & Principles 0930 – 0945 Break 0945 – 1100 Sample Exam Questions & Discussion Reviewing Sample Questions • Discussion on Approaches to Answering Questions Exam Strategies & Time Management 1100 – 1230 Tips for Effective Exam Preparation • Strategies for Managing Time During the Exam 1230 – 1330 Lunch Case Study Workshop 1330 – 1500 Group Discussion on a Comprehensive RBI Case Study • Practical Application of RBI Concepts & Methodologies 1500 – 1515 Break Open Q&A Session Addressing any Remaining Questions & Clarifications • Sharing Resources for Further Study Course Conclusion 1615 – 1630 Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course 1630 – 1645 POST-TEST 1645 – 1700 Presentation of Course Certificate	0830 - 0930	Review of API 580 & 581 Key Concepts • Critical Elements of API 580 & 581 •
Sample Exam Questions & Discussion Reviewing Sample Questions • Discussion on Approaches to Answering Questions		Recap of Main Topics & Principles
Reviewing Sample Questions • Discussion on Approaches to Answering Questions Exam Strategies & Time Management Tips for Effective Exam Preparation • Strategies for Managing Time During the Exam 1230 - 1330	0930 - 0945	Break
Exam Strategies & Time Management 1100 - 1230 Tips for Effective Exam Preparation • Strategies for Managing Time During the Exam 1230 - 1330 Lunch Case Study Workshop 1330 - 1500 Group Discussion on a Comprehensive RBI Case Study • Practical Application of RBI Concepts & Methodologies 1500 - 1515 Break Open Q&A Session 1515 - 1615 Addressing any Remaining Questions & Clarifications • Sharing Resources for Further Study Course Conclusion 1615 - 1630 Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course 1630 - 1645 POST-TEST 1645 - 1700 Presentation of Course Certificate	0045 1100	Sample Exam Questions & Discussion
Tips for Effective Exam Preparation • Strategies for Managing Time During the Exam 1230 - 1330	0943 - 1100	Reviewing Sample Questions • Discussion on Approaches to Answering Questions
Exam 1230 - 1330		Exam Strategies & Time Management
1230 – 1330 Lunch Case Study Workshop 1330 – 1500 Group Discussion on a Comprehensive RBI Case Study • Practical Application of RBI Concepts & Methodologies 1500 – 1515 Break Open Q&A Session Addressing any Remaining Questions & Clarifications • Sharing Resources for Further Study Course Conclusion 1615 – 1630 Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course 1630 – 1645 POST-TEST 1645 – 1700 Presentation of Course Certificate	1100 - 1230	Tips for Effective Exam Preparation • Strategies for Managing Time During the
Case Study Workshop Group Discussion on a Comprehensive RBI Case Study • Practical Application of RBI Concepts & Methodologies 1500 - 1515 Break Open Q&A Session Addressing any Remaining Questions & Clarifications • Sharing Resources for Further Study Course Conclusion Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course 1630 - 1645 POST-TEST 1645 - 1700 Presentation of Course Certificate		Exam
1330 – 1500 Group Discussion on a Comprehensive RBI Case Study • Practical Application of RBI Concepts & Methodologies 1500 – 1515 Break Open Q&A Session 1515 – 1615 Addressing any Remaining Questions & Clarifications • Sharing Resources for Further Study Course Conclusion 1615 – 1630 Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course 1630 – 1645 POST-TEST 1645 – 1700 Presentation of Course Certificate	1230 - 1330	Lunch
RBI Concepts & Methodologies 1500 - 1515 Break Open Q&A Session 1515 - 1615 Addressing any Remaining Questions & Clarifications • Sharing Resources for Further Study Course Conclusion 1615 - 1630 Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course 1630 - 1645 POST-TEST 1645 - 1700 Presentation of Course Certificate		Case Study Workshop
1500 - 1515 Break Open Q&A Session 1515 - 1615 Addressing any Remaining Questions & Clarifications • Sharing Resources for Further Study Course Conclusion 1615 - 1630 Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course 1630 - 1645 POST-TEST 1645 - 1700 Presentation of Course Certificate	1330 - 1500	Group Discussion on a Comprehensive RBI Case Study • Practical Application of
Open Q&A Session 1515 - 1615 Addressing any Remaining Questions & Clarifications • Sharing Resources for Further Study Course Conclusion Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course 1630 - 1645 POST-TEST 1645 - 1700 Presentation of Course Certificate		RBI Concepts & Methodologies
1515 - 1615 Addressing any Remaining Questions & Clarifications • Sharing Resources for Further Study Course Conclusion Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course 1630 - 1645 POST-TEST 1645 - 1700 Presentation of Course Certificate	1500 – 1515	Break
Further Study Course Conclusion 1615 – 1630 Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course 1630 – 1645 POST-TEST 1645 – 1700 Presentation of Course Certificate		Open Q&A Session
Course Conclusion 1615 – 1630 Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course 1630 – 1645 POST-TEST 1645 – 1700 Presentation of Course Certificate	1515 – 1615	Addressing any Remaining Questions & Clarifications • Sharing Resources for
1615 – 1630 Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course 1630 – 1645 POST-TEST 1645 – 1700 Presentation of Course Certificate		Further Study
Course Topics that were Covered During the Course 1630 – 1645 POST-TEST 1645 – 1700 Presentation of Course Certificate		
1630 – 1645 POST-TEST 1645 – 1700 Presentation of Course Certificate	1615 – 1630	
1645 – 1700 Presentation of Course Certificate		e
	1630 – 1645	POST-TEST
1700 End of Course	1645 – 1700	Presentation of Course Certificate
	1700	End of Course

















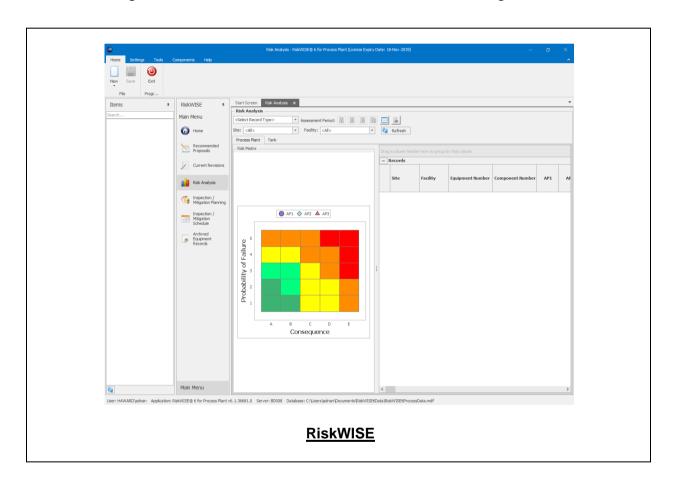


MOCK Exam

Upon the completion of the course, participants have to sit for a MOCK Examination similar to the exam of the Certification Body through Haward's Portal. Each participant will be given a username and password to log in Haward's Portal for the MOCK Exam during the 7 days following the course completion. Each participant has only one trial for the MOCK exam within this 7-day examination window. Hence, you have to prepare yourself very well before starting your MOCK exam as this exam is a simulation to the one of the Certification Body.

Simulator (Hands-on Practical Sessions)

Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using the state-of-the-art simulator "RiskWISE" and "IntegriWISETM".

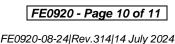


















Course Coordinator

Jaryl Castillo, Tel: +974 4423 1327, Email: jaryl@haward.org



