

RELIABILITY LEADERSHIP & CRL (CERTIFIED RELIABILITY LEADERSHIP) EXAM PREPARATION

“Lead Asset Reliability Transformation and Prepare for the CRL Certification with Confidence”

Schedule

Date	Venue	Fees (Face-to-Face)
20 - 24 Apr 2026	Dubai - UAE	USD 3495 per delegate

Introduction

Reliability is not just a maintenance objective—it is a business strategy. The Certified Reliability Leader (CRL) framework by the Association of Asset Management Professionals (AMP) empowers individuals and organizations to improve asset performance, reduce risk, and build a reliability culture.

This intensive 5-day course is designed to prepare participants for the CRL certification exam while equipping them with practical leadership skills to drive reliability improvement. Through a mix of instruction, case studies, and practice exams, participants will understand the Uptime® Elements Framework and its application across maintenance, operations, engineering, and leadership roles.

Objectives

By the end of this course, participants will be able to:

- Understand and apply the Uptime® Elements Framework for asset reliability
- Develop a reliability strategy aligned with business goals
- Lead cross-functional teams to implement best practices in asset management
- Identify gaps in reliability processes and drive continuous improvement
- Prepare thoroughly for the Certified Reliability Leader (CRL) examination

Why Attend

- Achieve global recognition as a Certified Reliability Leader (CRL)
- Gain a deep understanding of reliability-centered leadership and systems thinking
- Apply practical tools for improving asset performance and ROI
- Build internal capability to lead cultural transformation in reliability
- Access practice questions, exam techniques, and peer coaching

Target Audience

This program is designed for:

- Reliability engineers and maintenance leaders
- Asset and operations managers
- Engineering, production, and plant managers
- Continuous improvement and Lean professionals
- Anyone seeking CRL certification or leading reliability programs

Individual Benefits

Key competencies that will be developed include:

- Application of the Uptime® Elements and holistic asset management
- Reliability-centered thinking and systems leadership
- Root cause analysis, criticality ranking, and risk assessment
- Change leadership and team alignment for reliability culture
- CRL exam readiness and test-taking strategies

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Stronger asset performance and reliability improvement initiatives
- Reduced total cost of ownership and lifecycle risks
- Enhanced cross-functional collaboration and stakeholder engagement
- Alignment between operational reliability and strategic objectives
- Availability of in-house certified reliability leadership

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - CRL domains, Uptime® Elements, and reliability leadership models
- Case Studies - Cross-industry success stories and reliability frameworks in action
- Workshops - CRL practice quizzes, asset strategy development, and cultural change planning
- Peer Exchange - Team-based simulations and shared problem-solving
- Tools - Exam preparation guides, reliability scorecards, and leadership templates

Course Outline

Training Hours: 7:30 AM – 3:30 PM **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Foundations of Reliability Leadership

- Module 1: Introduction to Reliability as a Business Strategy (07:30 – 09:30) • The business case for reliability and total cost of ownership
- Module 2: Overview of the Uptime® Elements Framework (09:45 – 11:15) • Domains: Reliability Engineering, Asset Management, Work Execution
- Module 3: Workshop – Current State Reliability Assessment (11:30 – 01:00) • Evaluate organizational readiness and gaps
- Module 4: Reliability Culture and Change Leadership (02:00 – 03:30) • Influence, alignment, and team engagement

Day 2: Physical Asset Management & Risk-Based Practices

- Module 1: Asset Criticality and Failure Modes (07:30 – 09:30) • Risk-based prioritization and criticality analysis
- Module 2: Reliability-Centered Maintenance (RCM) and PM Optimization (09:45 – 11:15) • Maintenance strategy development and PM effectiveness
- Module 3: Workshop – Developing a Risk-Based Strategy (11:30 – 01:00) • Apply RCM and FMEA concepts to a sample case
- Module 4: Defect Elimination and Root Cause Analysis (02:00 – 03:30) • Tools and techniques for sustainable problem-solving

Day 3: Work Execution, Leadership & Performance Monitoring

- Module 1: Work Management and Planning (07:30 – 09:30) • CMMS utilization, backlog control, job plans
- Module 2: Performance Measurement and Reliability Metrics (09:45 – 11:15) • MTBF, availability, asset utilization, RONA
- Module 3: Workshop – KPIs and Reliability Dashboards (11:30 – 01:00) • Design a performance tracking system
- Module 4: Leadership for Reliability Transformation (02:00 – 03:30) • Vision setting, communication, and coaching teams

Day 4: CRL Exam Domains and Application

- Module 1: CRL Body of Knowledge and Test Structure (07:30 – 09:30) • CRL competencies, Uptime® Elements domains
- Module 2: CRL Question Types and Logic (09:45 – 11:15) • Understanding scenario-based and logic-driven questions
- Module 3: Workshop – CRL Practice Exam (11:30 – 01:00) • Attempt sample questions and group review
- Module 4: Interpreting Results and Study Strategy (02:00 – 03:30) • Areas of focus and personal study planning

Day 5: Integration and Final Preparation

- Module 1: Aligning Reliability with Business Goals (07:30 – 09:30) • Strategy maps and value stream integration
- Module 2: Workshop – Leadership Simulation for CRL (09:45 – 11:15) • Simulate leadership actions based on reliability challenges
- Module 3: Final CRL Practice Quiz & Group Review (11:30 – 01:00) • Timed exercise with answer rationale
- Module 4: Course Wrap-Up and Action Plan (02:00 – 03:30) • Final tips, Q&A, and next steps toward certification

Certification

Participants will receive a Certificate of Completion in Reliability Leadership & CRL Exam Preparation, validating their readiness to sit for the Certified Reliability Leader (CRL) exam and their competence in leading asset reliability improvement initiatives using the Uptime® Elements framework.

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