

Transformational Leadership for Industrial Asset Integrity

Elevate your leadership to safeguard high-hazard operations, drive reliability and ensure long-term business sustainability.

Improving asset integrity is much more than an engineering problem; it is a significant leadership challenge. The integrity of industrial assets directly impacts safety, profitability and reputation.

The risks: Near-misses, incidents, major accidents, unplanned downtime, regulatory non-compliance, harm to people, damage to the environment, costly turnaround overruns, and poor business performance. There is also a risk that asset integrity is perceived as merely necessary to meet regulatory requirements, overlooking the benefits to safety and reliability.

The gaps: The operational knowledge held by technical teams is often disconnected from senior management decision-making. Many leaders may not have had the benefit of managing asset integrity activities in their early careers and indeed may not be from an engineering background. Engineering experts also do not necessarily naturally evolve into effective leaders.

The solution: EEMUA's Asset Integrity Leadership Certificate (AILC®) training course bridges this gap, providing industry leaders with the strategic framework to foster a culture of safety and excellence from front line staff to the C-suite. It does this by building and testing leadership competencies in four key areas: mindset, team engagement, decision making and influence.



The path to proactive leadership

The EEMUA AILC course is for new and existing leaders working on COMAH/Seveso III sites or other high hazard industrial installations. Over a series of course modules, learners will develop a deep understanding and practical application of critical leadership competencies, developed and established by EEMUA member companies. See the core competency areas addressed below.

EEMUA AILC Competency Areas

Leadership Mindset

The learner is aware of the role of a leader within the safety context and can apply leadership principles to promote engagement, develop effective decision-making strategies and build consensus for asset integrity leadership.

- Understanding of leadership role.
- Defining leadership styles and approaches.
- Promoting competence.
- Demonstrating safety leadership.

Team Engagement

The learner will be able to develop effective strategies of engaging with the team actively and continuously, promote a positive safety culture and effectively use the information gathered to improve containment management and manage hazards.

- Understanding team motivation.
- Promoting psychological safety.
- Managing change (people development).
- Promoting safety culture.

Decision Making

The learner is aware of different decision-making approaches and strategies and can apply these in the asset integrity leadership context.

- Understanding decision making and bias.
- Understanding risk management in process safety.
- Planning resources.
- Managing change (organisational change).
- Continuous monitoring and oversight.

Influence

The learner can communicate effectively within the organisation as well as outside, across different levels, to establish and maintain excellence in asset integrity leadership.

- Communicating upwards.
- Engaging in effective peer review.
- Information sharing.
- Multi-channel communication.

The EEMUA AILC is aligned with the asset integrity leadership parts of EEMUA good practice guidance such as EEMUA 159, 177, 191, 231 and 232. The training course has also been mapped to the leading process safety management frameworks, process safety leadership principles, as well as to the main COMAH/Seveso III leadership ratings used by national safety regulators.

Helping fill a key leadership gap

Asset integrity is assuring that a company's assets will reliably perform their essential safety functions as designed until at least the next periodic inspection. This may be primary and secondary containment of a pressure system, a pressure relief valve lifting at its set pressure, high voltage breakers tripping at the set point, a safety integrity level loop performing at the designed reliability or various mitigation systems working on demand. If collected data is utilised correctly it provides essential feedstock for capital planning.

Attending AILC will inform leaders on signals to track the health of their asset integrity systems, creating a culture to harness all the benefits of professional asset integrity and to influence other stakeholders appropriately. EEMUA AILC also helps fill out a critical area in a company's safety landscape, see diagram below.



A unique learning experience

The blended approach combines online learning and live classes with practical, real-world assignments tailored to the learner's organisation:

- **Flexible online modules:** Engaging learning to fit around work schedules over four months.
- **Interactive case studies and scenarios:** Applying learning directly to address asset integrity leadership challenges.
- **Expert trainers:** Learn from experienced industry professionals with over 200 combined years of practical integrity management experience. Your trainers have led all manner of teams to keep high hazard operations safe, often in demanding time-sensitive environments, across a wide range of industry sectors, geographies and cultures.
- **Robust certification:** Upon passing a two-part examination and an assessed portfolio of work, you will receive an industry-recognised certificate validating your enhanced asset integrity leadership competencies.

Ready to take the lead?

Visit the EEMUA website www.eemua.org or contact online-learning@eemua.org to secure your place on the next AILC course.

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To find out more:
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