



## When managing real pressure is your job...

MIPC<sup>®</sup> helps experienced pressure systems engineers stay on-site and on top of the latest industry developments and good practice in primary containment of hazardous substances.

Using a blend of live, online classes, one-to-one sessions with expert tutors, and e-learning, enhanced by a mentor's support and guidance, EEMUA's Mechanical Integrity Practitioner Certificate course delivers in-depth training to engineers where they work – to give professionals the flexibility to learn on-site or on-call.

**The next EEMUA MIPC<sup>®</sup> training course:**

**Induction dates to fit diaries from July 2021**

**Learning starts in September 2021**

**Registration open now.**

**MIPC<sup>®</sup>**  
**shortlisted for**  
**the Best E-learning/  
Online Education  
Initiative**  
**memcom membership  
excellence awards  
2020**





# EEMUA Mechanical Integrity Practitioner Certificate (MIPC®)

Through short, focused and manageable online training tasks over 27 weeks, the EEMUA MIPC® course provides mechanical integrity practitioners with an enhanced, up-to-date view of mechanical integrity challenges, trends and opportunities. Tailored to each Learner's industry sector and site(s), the MIPC course optimises learning experiences and outcomes by blending: online activities; Tutor and Mentor support; and an enterprise-quality learning platform.

## Relevant

MIPC is built to help deliver the competencies that industry looks for in a mechanical integrity professional. It empowers practitioners to combat the causes of losing primary containment of hazardous substances.

## Certificated

The EEMUA Mechanical Integrity Practitioner Certificate is valid for five years, with EEMUA providing a pathway for recertification at five and ten years.

## Practical

MIPC is oriented for practicality – connected to the situations and demands of each engineer's own work whether from their industry sector, company or site(s). MIPC keeps the focus on Learners' day-to-day work and produces improvements along the way.

## Flexible

MIPC is designed to be flexible, fitting around busy professional lives. Learning is conducted online – via short, manageable tasks – and taken at a time and place of the Learner's choosing. The foundation is real mechanical integrity work – using activities that help Learners build their portfolio for assessment.

Flexible online learning, robust assessment, and recognised certification mean that engineers do not have to be off-site for long periods in order to update their skills and prove their competence in safety critical matters.

## Supported

Human interaction and support are at the core of MIPC. Live, online classes deliver real-time interaction for all (and are recorded for replay), and live one-to-one sessions with expert Tutors focus on an individual's needs. A Mentor nominated by the Learner or employer guides the process of professional development.

## Training

Online and competence-based, EEMUA's MIPC training course promotes good practice by setting benchmarks tuned to real world industrial requirements. EEMUA's MIPC training equips mechanical integrity practitioners with up-to-date knowledge tailored to their individual, company, and site needs when working under UK regulations.

**Induction  
for the next  
EEMUA MIPC®  
training course begins  
July 2021.  
Learning starts  
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Learning materials and assessments have been developed by EEMUA members from many industry sectors and are aligned with UK competency levels: Engineering Technologist (PAS 525 Professional Engineering Competence Level), Incorporated Engineer (UK-SPEC), and Category 2 (UKAS RG2).

EEMUA MIPC is designed to encourage a culture of continuous improvement. It brings to focus the key changes in technologies, expectations and work practices – putting engineers in control and in step with the latest industrial engineering know how, so that they may achieve their full potential as informed professionals.

### **Business Benefits**

MIPC benefits owners and operators with plant containing hazardous substances:

- Tailored to company and site requirements
- Based on EEMUA 231 – an approach supported by the UK safety regulator (the Health and Safety Executive) – and the HSE PSSR ACOP
- Includes EEMUA 232 good practice for working with Third-Party Inspection bodies
- Effective management of process and plant safety risks
- Flexible and robust online learning delivery, assessment and certification
- Aligned to the leading frameworks of engineering competence
- Reinforces company procedures, instructions and company knowledge
- Encourages a positive safety culture
- Provides wider perspective, leading to informed anticipation and prevention
- Enables better engagement and continuous development of engineering professionals
- Up-to-date with latest developments such as drone and robotic inspection.

### **Strictly for Practitioners**

Learners need 3-5 years' experience and to be actively engaged in a mechanical integrity role such as Corrosion Engineer, Inspection Engineer, Integrity Engineer/Officer, Mechanical Integrity/Asset Integrity Engineer, Operational Safety Engineer/Craftsperson and Plant Inspector.

Developing their existing experience with MIPC training, Learners will build a portfolio of work to submit before the end of the course. A final online assessment completes the process.

**Induction for the next EEMUA MIPC® training course begins in July 2021.**

**Six Learning Cycles follow from September 2021 with Final Assessment in April 2022.**

**To find out more about the MIPC training course, please contact EEMUA at [online-learning@eemua.org](mailto:online-learning@eemua.org) or telephone +44 (0)20 7488 0801 or visit the EEMUA website [eemua.org](http://eemua.org)**

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## Mechanical Integrity Practitioner Certificate Course content

### Learning Cycles

- LC1 – Legislative Environment, Written Scheme of Examination (WSE)
- LC2 – Equipment Design Elements, Operational Considerations, Risk and As Low As Reasonably Practicable (ALARP)
- LC3 – Asset Condition, User Responsibilities and Competencies
- LC4 – Inspection Process, Inspection and Test Techniques, Inspection Roles
- LC5 – Responses to Findings and Reporting, Postponement, Record Keeping
- LC6 – WSE Review, Audit, Feedback, Industry Good Practice.

### Commitment

A Learner's time commitment over the 27 weeks of the course is estimated to be:

- Induction: 2 hours
- Six Learning Cycles, each taking four weeks, including Live Classes: 102.5 hours
- Portfolio Submission: 2.5 hours
- Final Assessment: 3 hours
- Approximate Total: 110 hours over 27 weeks, equivalent to 4 hours per week.

### Calendar

Registration open now for Induction to suit your schedule from July 2021 and Learning from September 2021.

### Requirements

- Induction and learning aspects of the course are conducted online. Learners need access to a computer with a large screen and broadband internet connection.
- Learners must satisfy entry requirements and nominate a suitable Mentor, and preferably an Observer (both ideally from the Learner's own organisation).
- Learners must abide by the Code of Conduct for the course.
- Learners need proficient written and spoken English, and basic mathematics.
- Final Assessments will be conducted at EEMUA's London office or online at the Learner's site if special criteria are met.

### Mentors

- A Mentor's approximate time commitment during the course is estimated to be 6-7 hours.
- For those new to mentoring or needing a refresher, EEMUA provides an induction and ongoing support.

### Tutors and Assessors

- EEMUA provides the MIPC course Tutors and Assessors.

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