

ASSET RELIABILITY PRACTITIONER®

[ARP-L] Reliability Program Leader

Success in reliability leadership comes from understanding the value of the program (and communicating that value), having a detailed strategy, and engaging with the entire organization so everyone is pulling in the same direction. Those topics are the main focus of this training course.

For the true leader of the reliability improvement initiative

What a great opportunity you have. Improving reliability will make the plant safer and more competitive. Your fellow workers will have greater job security and they will enjoy a greater sense of job satisfaction.

But that's only if you are successful with the program...

You, therefore, have a great weight on your shoulders. Not every reliability improvement initiative is successful; sadly, far from it.

We have defined this course to help you to be successful with your program. We don't know of any other training course like it. Success in reliability leadership comes from understanding the value of the program (and communicating that value), having a detailed strategy, and engaging with the entire organization so everyone is pulling in the same direction. Those topics are the main focus of this training course.

Leadership versus program management

It is all too common for people to view reliability improvement as a technical challenge, and therefore the role of the manager of the program simply to facilitate the technical solution.

And that is one of the major reasons why so many programs fail.

This training course is not about managing a technical program. It is about leading a successful, sustained initiative that achieves the highest levels of performance via improved reliability and reduced waste.

The leader must deliver value to the organization, and therefore they must understand what that means for their organization. The leader must change the culture and sustain the enthusiasm and engagement of all employees.

The leader must establish a strategy that steers around the quicksand and continually add value. *This course will explain how to do just that.*

THE ARP-L RELIABILITY PROGRAM LEADER CERTIFICATION PROCESS

There are just four requirements to become certified:

1. You must attend this Mobius Institute course, or any other recognized training course that covers the same topics.
2. You must achieve a 70% score, or better, on the three-hour, 100-question, multiple-choice exam.
3. You must have a minimum of 48 months of experience in the industry involved in some way with reliability improvement.
4. Your experience must be verified by an independent person.

If you do not meet all of the requirements (for example, you do not have enough experience), then you can take the course, take the exam, and when you do have the required months of experience, you will be officially certified.



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ARP-L FAST FACTS

Duration:

32 hours minimum: Typically delivered over 5 days

Format:

- Live public course
- On-site course
- Virtual online course
- Video distance learning online course

Compliance:

- Training: modeled on 18436-2 and ISO 18436-3, but there is no ISO standard for reliability personnel certification.
- Certification: according to ISO/IEC 17024 and modeled on ISO 18436-1
- Training: ISO 18436-3

Exam:

- Three hours
- 100 multiple-choice questions
- 70% passing grade
- Can be taken online or in-person at the course

Certification requirements:

- Training course completed
- 48-months of work experience, verified by an independent person
- Pass the exam
- Valid for 3 years

Pre-study:

- Access to the “Learning Zone” upon registration and payment
- Complete set of videos covering every topic
- An excellent way to be prepared and get the most from the course

Post-study:

- Continue to access the Learning Zone for 4-months after the course
- Continue learning, without charge, on MOBIUS CONNECT® via mobiusconnect.com

WHAT WILL I BE CAPABLE OF ONCE I COMPLETE THE COURSE?

In short, you will be capable of successfully leading a reliability improvement program.

You will understand:

- How to develop the economic justification,
- How to develop and implement a strategy,
- How to build a culture of reliability and performance improvement,
- How to ensure that everyone is trained, motivated, and qualified to play their role,
- How to break out of reactive maintenance, and
- How to lead a team that will establish discipline in everything it does, which includes:
 - Caring for the equipment so their life is maximized,
 - Learning from a range of data so the best decisions can be made, and
 - Continuously improving everything that is done.

Let's take a closer look.

The economics of reliability

Economics drives business decisions. You must be able to translate the “common-sense advantages” of reliability and performance improvement into the language and financial benefits that senior management understands. We will start the course with a detailed module that explains the language of finance, and then we will explore how you can assess how the program will add value to your business, assess your current state, develop a business case, establish pilot programs that will prove your credibility, and finally, gain support from the senior executive.

You will be able to do all of that, on your own, if this is a brand-new program. You will be able to lead this process if you need to circle back and prove the value of your existing program.

Develop the reliability improvement strategy

The Asset Reliability Transformation process provides a blueprint that will guide you through the entire process. You are therefore welcome to learn from this blueprint or adopt the blueprint. Either way, it is essential that you follow a strategy.

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This course will provide sufficient detail so that you understand the core elements of a successful reliability improvement initiative and the order in which you should implement those elements. It is fair to say that there is considerable detail underlying the ART process. Not all of that detail (i.e. all of the details of the recommended practices that make up the steps that make up the phases) will be revealed during the course – we only have time to provide detailed summaries – additional training is available if you are interested.

But again, there is no doubt that you will be able to return to your facility after this course and understand what you must do to implement a successful program.

Develop the reliability culture

The most common reason why programs fail is that the reliability group attempts to control all aspects of reliability improvement with little involvement or support from others in the plant. You will learn why this will be fatal for your program. You will learn how to engage with everyone in the organization to ensure that you have complete support and that you gain their contribution.

This part of the program is supported by a module on the “Psychology of reliability”, a module called “Human error and human error management”, and a module on “Culture change”. Those modules, and the detailed module on the PEOPLE phase, will enable you to successfully gain the

support of the entire organization.

Break out of the “reactive maintenance cycle of doom”

Although it is a dramatic name, the reactive maintenance cycle of doom is a major roadblock that many reliability improvement programs are unable to pass. This course will set you up with the knowledge and strategy to lead your organization, with the assistance of the maintenance manager and the management of operations/production, out of the costly and dangerous cycle where every attempt to improve reliability is thwarted by the next breakdown.

Lead the journey to “world-class” reliability improvement

While it can be difficult to define “world-class”, you will be provided with the knowledge and strategy that will enable your organization to achieve the highest level of performance thanks to improved reliability, less waste, reduced maintenance costs, and optimization of production output (or the provision of the service your organization provides).

You will know what good looks like. You will know how to achieve the highest standards in maintenance, performance, project management, procurement, and other key areas.



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