

ASSET RELIABILITY PRACTITIONER®

[ARP-A] Reliability Advocate

Whether you are new to reliability improvement, or you are a manager thinking of starting an initiative, ARP-A is the best way to begin the reliability journey.

Where are you on the journey to reliability improvement? If you are new to the program, or you are interested in learning more so that you can begin a new program at your plant, then the Asset Reliability Practitioner [ARP-A] “Reliability Advocate” course is precisely what you need.

Improving the reliability of physical assets takes far more than just monitoring their condition, improving lubrication practices, and making some improvements to the maintenance department. To have a truly successful program you must understand how to add value to the organization and thus gain senior management support. You must have the support of the entire organization, not just a small group of evangelistic condition monitoring and reliability experts. You must have a coordinated effort between maintenance, operations/production, engineering, finance, and the reliability group – no more silos. And you must follow a strategy that will enable you to build the program, layer upon layer, to achieve milestones and build on success.

Yes, we could simply talk about the common reliability acronyms of RCM, PMO, RCA, and literally dozens of others, but knowing what they mean does not help you implement a successful program.

The ARP-A Reliability Advocate program will provide a holistic view of how to improve reliability and plant performance. It will explain the implementation process and all the essential elements necessary to have a truly successful program.

THE ARP-A RELIABILITY ADVOCATE 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 two-hour, 60-question, multiple-choice exam. The exam is intended to test whether you understand the core concepts and principles – it is not a challenging exam on reliability engineering topics, remembering what the acronyms stand for, condition monitoring technology details, or anything else that is covered in the more difficult ARP-E and ARP-L exams.
3. You must have a minimum of six months of experience in the industry involved in some way with maintenance, operations, or reliability in a role where you have experienced the challenges associated with poor reliability.
4. Your experience must be verified by an independent person.



ARP-A FAST FACTS

Duration:

16 hours minimum: Typically delivered over 3 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:

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

Certification requirements:

- Training course completed
- 6-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

HOW MUCH DETAIL WILL WE COVER?

We only have three days together, and that includes plenty of time for discussions and case studies, so it is not possible to get into the details of every topic. The goal is to explain what it takes to be successful and how to avoid all the traps that have caused so many programs to fail. Public courses are conducted around the world, but to gain the greatest value, we recommend you invite the instructor to visit your facility and gather the entire team together.

The course follows the Asset Reliability Transformation® [ART] implementation process; however, it is totally up to you whether you follow our recommended practices.

After three days, you'll have a clear understanding of why you should improve reliability and how to implement the successful program. You will also have a much clearer understanding of all the jargon, acronyms, and common elements that make up a reliability or asset management program. Plus, you will be ready to take the exam so that you may be recognized for your knowledge under the Mobius Institute Board of Certification™ [MIBoC] accredited program.

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

In short, you will have a solid understanding of the “big picture” of the reliability improvement process.

As a manager thinking of starting a new initiative (or reviving an existing one)

- You will understand the key ingredients of running a successful program:
 - Defining value
 - Gaining senior management support
 - Having a detailed strategy
 - Developing a motivated reliability culture
 - You will see how all the pieces of the puzzle fit together
 - How the technical elements support the overall business goal

As a person who is new to “reliability improvement” you will gain

- A detailed understanding of the business case
- A detailed understanding of the “big picture” of reliability and performance improvement
- A solid understanding of the technical aspects, along with all the reliability, maintenance, and CBM technologies, techniques, and jargon
- The ability to contribute to an existing program
- Motivation to get involved and play your role

MAXIMIZING THE VALUE OF THE TRAINING: DON'T STOP WITH ARP-A

Here is something to think about. The ARP-A Reliability Advocate course is an excellent way to get up to speed about reliability, especially when starting a new program. Many organizations have found it beneficial to have it delivered on-site so that a range of personnel can attend from the maintenance department, operations/production, finance, safety/health/environment, engineering, and even other departments – including the plant manager. The course gets everyone up to speed and on the same wavelength.

But the big question you must ask is; what happens next?

The course is beneficial, but if no one else is educated/trained, if there is not a strategy to move forward that everyone understands and believes in, if people don't know how they can contribute to the initiative, then unfortunately, you may not gain the greatest benefit from the course.

- First, we have the ARP-L “Reliability Program Leader” course for the person/people who will lead the initiative, and the ARP-E “Reliability Engineer” course for the people who will engineer the technical aspects of the initiative. The ARP-A course is great, but it is just the start of the journey.
- Second, we have developed the Asset Reliability Transformation [ART] process with a roadmap that explains how to implement the strategy to achieve the best results. It is filled with the phases, steps, and recommended practices to guide you through the implementation process. It includes a training plan that gets everyone up to speed, pulling in the same direction, and skilled/qualified to play their role. iLearnReliability™ will help you with the plant-wide educational process.
- And if you need help with the roll-out, and/or the training component, we have Partners around the world who can help you with whatever you need.



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