ASSET RELIABILITY PRACTITIONER® [ARP]

TRAINING AND CERTIFICATION

[ARP-A] RELIABILITY ADVOCATE
[ARP-E] RELIABILITY ENGINEER
[ARP-L] RELIABILITY PROGRAM LEADER

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MOBIUS INSTITUTE

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ASSET RELIABILITY PRACTITIONER® [ARP] TRAINING AND CERTIFICATION

A growth path for Asset Reliability Leaders and Practitioners. The only way to gain a first-class education and achieve recognition for knowledge and experience.

A growth path for Asset Reliability Leaders and Practitioners

The only way to enjoy success in a reliability improvement initiative is to appreciate what it takes to achieve culture change and the process improvements necessary to change the current practices into those that ensure equipment is maintained and operated in a manner that achieves peak performance. Mobius Institute™ has developed a series of training courses that provide the breadth and depth of knowledge necessary to achieve success.

Everyone needs to play their role in the initiative, and we offer training, and in some cases accredited certification, on the growth path from technician to leader:

- Precision maintenance skills: alignment, balancing, fastening, and lubrication
- Condition monitoring program establishment and technology expertise: vibration, ultrasound, oil analysis, infrared, and motor current analysis
- Reliability engineering with the technical skills to implement the technical elements
- Reliability leadership with the leadership skills to make the business case, build a strategy, and develop a motivated culture
- Asset reliability strategy: the plan to ensure the initiative delivers sustained business value

A foundation built on mechanical skills

If the machine is not precision aligned and balanced, if it is not lubricated correctly, and if the fasteners are too tight or loose, the machine is destined for a short and disappointing life. It will be another asset that does not deliver its true value, it will interrupt operations, add to your maintenance costs, at worst, result in injury or environmental harm.

You can solve that problem with specific skills training, and you will learn all about it on the Asset Reliability Practitioner [ARP] courses.

See the future with condition monitoring

Condition monitoring is a key ingredient in any successful reliability improvement initiative, but while it can drastically reduce costs and improve plant reliability and dependability, it does not necessarily contribute to improved equipment reliability.

You can take specific training on the technologies according to ISO standards, or you can learn how to design and lead the condition monitoring program in the Asset Reliability Practitioner [ARP] courses.

Asset Reliability Practitioner [ARP] training and certification

To enjoy a truly successful reliability improvement initiative, you need both depth and breadth of knowledge.

The leader of the initiative must have a clear view of the entire scope of the initiative, with a detailed understanding of the business proposition, the culture change process, and the individual steps required to implement the strategy. The reliability engineer must have a depth of knowledge in reliability analysis, maintenance strategy, and best practice, plus condition monitoring (and other topics). And they both must be surrounded by a workforce of people who are engaged and enthusiastic about the initiative.

The Asset Reliability Practitioner [ARP] training and accredited certification program provides the knowledge, qualifications, and growth path to enable a program to be run successfully.

ARP-A® RELIABILITY ADVOCATE

Everyone must start somewhere. Whether you are new to reliability improvement and need a way to get up to speed, or if you wish to understand the complete holistic view of reliability and performance improvement because you are considering beginning a program, the ARP-A "Reliability Advocate" course is the perfect place to start.

ARP-E® RELIABILITY ENGINEER

This course is perfect for the technical reliability engineer. If you are the person who needs to understand how to implement the technical elements of reliability improvement and perform the analysis that will drive the key decisions, this is the ideal course for you.

ARP-L® RELIABILITY PROGRAM LEADER

If the responsibility for running a successful reliability and performance improvement initiative rests on your shoulders (or you wish it did), this is the course for you. The emphasis on this course is how to generate business value, develop and implement a strategy, and create the right culture, although we do summarize the technical elements.

ART® : THE PRACTICAL AND DETAILED STRATEGY

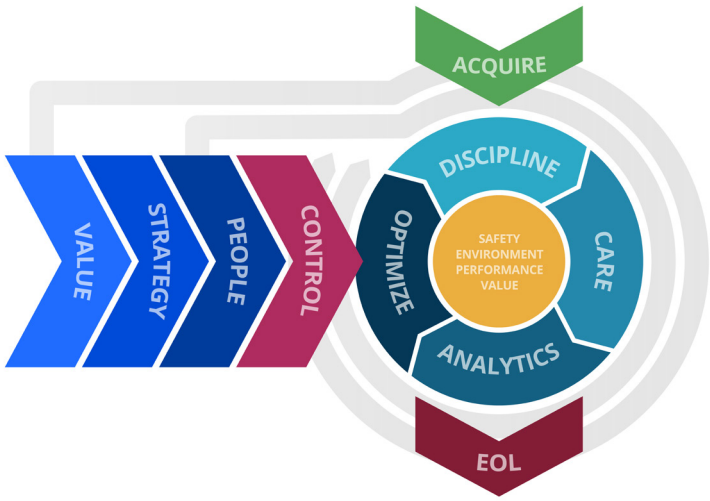
One of the keys to success: a practical, detailed strategy

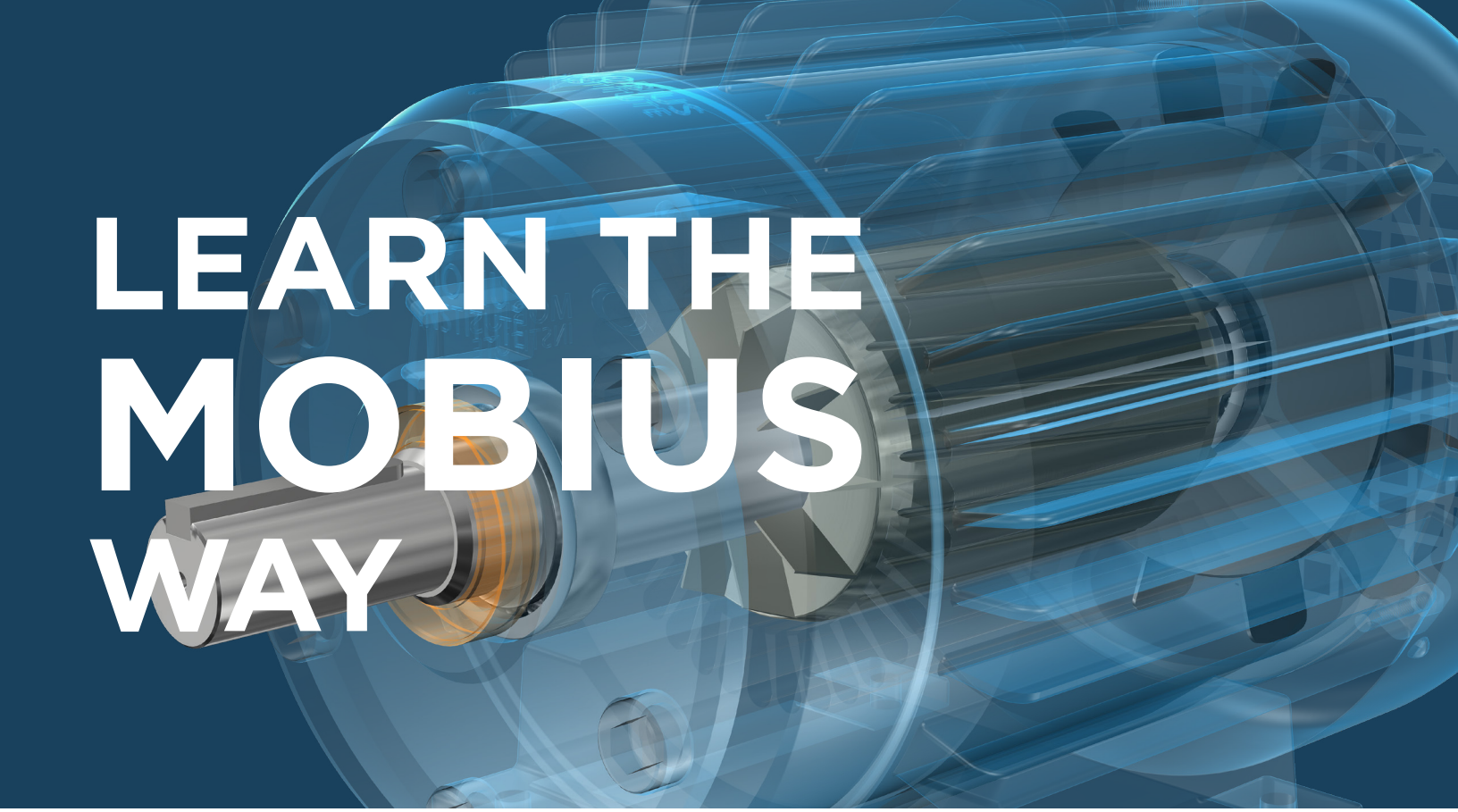
You must have a strategy to be successful. Improving reliability and achieving target levels of performance is not easy. Many have tried and many have failed. The most common reason for failure is a lack of strategy: a plan that avoids the bear traps and keeps everyone motivated and aligned.

We have built the Asset Reliability Transformation [ART] process that will guide you, step-by-step through, the initiative:

- 10 phases, 64 steps, and 365 documented recommended practices – no stone left unturned
- We help you ask the right questions at the right time so you make the right moves
- VALUE, PEOPLE, and STRATEGY: Build a solid foundation
- CONTROL: Overcome reactive maintenance
- ACQUIRE, DISCIPLINE, CARE, ANALYTICS, EOL, and OPTIMIZE: Don't create problems, make data-driven decisions, and continually improve

Regardless of your starting point, regardless of your industry, ART will enable you to run a successful reliability and performance improvement initiative.





LEARN THE MOBIUS WAY

WHY LEARN WITH MOBIUS INSTITUTE™?

There are three major reasons why over 5,000 students choose Mobius Institute every year:

- We make complex topics simple with amazing 3D animations and simulations that make you say, *"Ah, now I get it!"*
- We give you access to the entire course before the class begins so you are better prepared, and for six months after the course, just in case you still have questions.
- We use anonymous, stress-free polling throughout the course, so you know if you truly understand each topic, and the instructor knows not to move on to the next topic - *no student is left behind.*

There are many other reasons why asset reliability practitioners, and their managers, choose Mobius Institute.

MOBIUS INSTITUTE BOARD *of* CERTIFICATION

MOBIUS INSTITUTE

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WITH MOBIUS INSTITUTE™, YOU CAN *LEARN YOUR WAY.*

We offer the ultimate flexibility. See the course details for more information.

PUBLIC INSTRUCTOR-LED COURSES

We have training partners in 60 countries, offering 23 languages.

VIRTUAL INSTRUCTOR-LED COURSES

Attend a virtual course - just like a live course, but you learn via GoToMeeting.

PRIVATE ON-SITE INSTRUCTOR-LED COURSES

Have the instructor come to your site to save your precious time and money (and health).

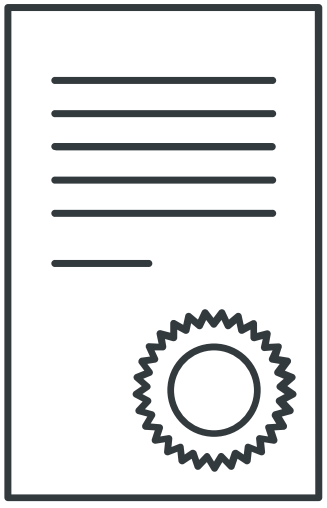
ONLINE VIDEO COURSES

Traditional eLearning courses and iLearnReliability Learning Management System (LMS) courses

ARP ACCREDITED CERTIFICATION

Respected, accredited certification

Everyone should be recognized for their knowledge and experience, and that is certainly true for the champions of reliability improvement. There is so much to know across such a broad range of topics, that it takes a special person to be successful. The Asset Reliability Practitioner® certification program recognizes people in two ways: for their knowledge and for their experience.



Recognition for your knowledge

Following the guidelines established by international standards (IEC and ISO) and adhering to the highest standard of ISO/IEC 17024, the Asset Reliability Practitioner ARP-A “Reliability Advocate”, ARP-E “Reliability Engineer”, and ARP-L “Reliability Program Leader” recognizes your knowledge and general experience.

If you are educated, pass the examination, and can verify your experience, you will join the ranks of the international fraternity of Mobius Institute™ certified practitioners.

This is a legitimate certification.

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.

Asset Reliability Practitioner® [ARP-A] Reliability Advocate

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 6-months after the course
- Continue learning, without charge, on MOBIUS CONNECT® via www.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":

- 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
- You will be able to contribute to an existing program
- You will be re-energized and motivated 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.

ASSET RELIABILITY PRACTITIONER®
[ARP-E] Reliability Engineer

This course is the best way to master reliability engineering. You will learn a broad range of essential topics.

The reliability engineer must be tremendously versatile. They must understand a broad range of technical subjects and be capable of applying them all. If yo up for the challenge, the Asset Reliability Practitioner [ARP-E] "Reliability Engineer" course is just what you need.

You will have 4 1/2 days to master everything from defect elimination, asset strategy development with RCM, PMO, and FMEA, planning and scheduling, spares and materials management, condition monitoring, precision maintenance practices, reliability data analysis, criticality and Pareto analysis, root cause analysis and FRACAS, lubrication and asset care, and other topics.

There is a lot to learn, but to be a successful reliability engineer, you must learn it all. Fortunately, the Mobius Institute™ training techniques will ensure that you will not just survive the course, you will enjoy it, understand all the topics, and feel confident in the role of a reliability engineer.

THE ARP-E RELIABILITY ENGINEER 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 24 months of experience in the industry involved in some way with reliability improvement.
4. Your experience must be verified by an independent person.

Asset Reliability Practitioner® [ARP-E] Reliability Engineer

ARP-E 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
- 24-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 6-months after the course
- Continue learning, without charge, on MOBIUS CONNECT® via www.mobiusconnect.com

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

The role of "Reliability Engineer" does not have a clear-cut definition. And different organizations utilize reliability engineers differently. However, after our course, you will have a solid understanding of a wide range of topics that will enable you to perform the tasks that are commonly performed by reliability engineers, and provide advice to people in the maintenance, engineering, and operations/production departments.

Reliability data analysis

You will have a good understanding of statistics, asset criticality ranking, Pareto analysis, Weibull analysis, and Crow-AMSAA. You will also learn about Reliability Block Diagrams (RBD) and the Monte Carlo method – and a few other topics. You will know whether you need to utilize those techniques: their benefits, the tools you will need, how you can utilize what you learned, etc.

With this information:

1. You will be able to work with other stakeholders to develop a thorough, robust criticality ranking. And with that, you can prioritize and justify a wide range of tasks
2. You will able to extract data and perform Pareto analysis to identify your bad actors and thus prioritize your improvement activities.
3. You will understand Weibull analysis, Crow-AMSAA, reliability block diagrams, and Monte Carlo analysis so that, if you had the tools to perform that analysis, they would make perfect sense. Additional training would be required to master those techniques.

Asset strategy development: FTA, RCM, PMO, FMECA

You must follow a structured process to ensure your asset strategy (maintenance plan) manages your risks and makes the best use of available resources. We spend a lot of time on these subjects so that you understand:

1. Why it is so important to develop a maintenance plan with a clear understanding of asset criticality, the function (and context) of the asset, and the failure modes.
2. How to avoid the common traps experienced with the use/implementation of these techniques.

Now, you *can* attend week-long courses on RCM, PMO,

and FMECA, so there *is* more you can learn. Having said that, many of those courses also cover topics that are covered separately on our course, for example, condition monitoring, failure patterns, precision maintenance, etc. And on those courses, you will spend time with basic exercises putting what you have learned into practice with exercises, etc.

Therefore, the ARP-E course cannot make you an expert in every area of reliability, maintenance, design, and operations but you will have a very clear picture of how to utilize these techniques, you will be able to assess whether the techniques you used to develop your maintenance plan was adequate, you will be able to assess consultants who may help you in your implementation – and it will be a foundation to learn much more.

Condition Monitoring

You will understand how a "condition-based maintenance" program should work; how to prioritize the implementation, how to select the technologies, how to select the measurement periods, and so on. You will also learn about the technologies.

With this information, you will be able to assess your existing program, or how to select contractors, and how to improve what you are already doing.

But please remember, there is a LOT to know about each technology and how to successfully run the program. You will require additional training if you want to communicate with condition monitoring experts at a technical level. The training will, however, enable you to know what "good" looks like.

We do offer additional condition monitoring training if you are interested.

Lubrication management

One of the key topics for people with rotating machinery is how to manage lubricants and hydraulic fluids.

Once again, you can spend a week learning about this subject, and there are additional courses to gain true expertise. But with the ARP-E course, you will have a very clear understanding of the importance of selecting the right lubricants and how to avoid contamination. You will feel very comfortable with this subject. You will be able to take that knowledge to improve your current practices.

Precision maintenance

Precision maintenance is certainly one of the keys to improved reliability. You will learn enough about precision fastening (electrical and mechanical), shaft and belt alignment, and rotor balancing to identify whether your current practices meet the required high standards. You will be familiar with all the key terms so that you can engage with the craftspeople, contractors, and vendors of the equipment.

We do offer additional alignment and balancing training if you are interested.

Work and spares management

Work management (planning and scheduling) is another core component of a successful reliability program: it affects the quality of work, the efficiency of the work, the safe execution of the work, and the costs of executing the work. Spares management works hand-in-hand with work management – you can't have one without the other. Spares management reduces costs, improves work efficiency, and can dramatically reduce maintenance costs.

In this course, you will learn enough to know what "good" looks like. Normally the reliability engineer does not have responsibility for work and spares management, but you will understand that it plays a very important role in reliability improvement, and you will be able to assess whether what your organization is doing is "world-class" or whether there are "opportunities for improvement". You can then advise (with tact) the maintenance manager about changes that could be made.

Root cause failure analysis

There are lengthy courses you can take to master the various techniques (5-Why, Ishikawa, fault/causal tree, etc.), to utilize software, and more, but what you will learn on our course will set you up for success. You will understand:

3. What the techniques are and basically how to use them (5-Why, Ishikawa, KT, FTA, and others)
4. How to manage the projects
5. The human error factors
6. The human psychology side of solving problems and implementing solutions
7. How to manage the project (A3, 8D, 16J) to ensure the process has the desired outcome

But the truth is, we only get to spend approximately half-a-day on this important topic, so there is more to learn. But you will know what you know, and you will know what you need to learn so that you feel confident to perform root cause failure analysis.

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.

Asset Reliability Practitioner®
[ARP-L] Reliability Program Leader

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 6-months after the course
- Continue learning, without charge, on MOBIUS CONNECT® via www.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 "commonsense 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.

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.

Mobius Institute Board of Certification is an accredited certification body per ISO/IEC 17024 and ISO 18436-1 authorized to provide certification in accordance with ISO 18436-1 and 18436-2.

Mobius Institute Board of Certification (MIBoC) is an impartial and independent entity that is directed by scheme and technical committees to ensure that its certification meets or exceeds the requirements defined by the applicable International Organization for Standardization, ISO 18436 standards.

MOBIUS INSTITUTE is a worldwide provider of Reliability Improvement, Condition Monitoring and Precision Maintenance education to industrial plant managers, reliability engineers, and condition monitoring technicians, allowing plants to be successful in implementing Reliability Improvement programs through delivery of more easily understandable and comprehensive training of Reliability and Vibration Analysis via public, in-plant and online education programs.

For more information about additional training courses, software tools, industry terminology and definitions, a credited certific tion, and specific course details, visit the Mobius Institute website.

www.mobiusinstitute.com

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learn@mobiusinstitute.com

www.alliedreliability.com/training

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