TRAINING PROGRAM ON
ISO 55000

ABOUT ARRELIC TRAINING INSTITUTE

Arrelic Institute is focused to equip both industry professionals and college graduates with the skills and knowledge required for bridging the desire stare of workforce which industry needs to compete globally.

Arrelic Institute provides over 75 different type of customized training programs in the field of Reliability Engineering, Asset Management, Best Practice, Operation & Maintenance, Predictive Maintenance, NDT, Predictive Analytics, Quality, Risk & Safety.

Arrelic Institute conducts public trainings and workshops in 38 locations across India and 10+ International locations. We are working for large corporate house from 15 different types of industries ranging from Airlines, Automobiles, Cement, Defence Manufacturing, FMCG, Glass, Marine, Metals, Mining, Oil & Gas, Power, Pulp & Paper, Facility Management and Fertilizer.

ARRELIC INSTITUTE: AT A GLANCE

75 Training Modules

06 Industry Specific Domain

15 Global Locations

50+ E-Learning Training Modules

02 University Program

15 Types of Industries

40+ Global Experts

38 locations in India

5+ Associations

www.arrelic.com/offerings/training-and-development

ARRELIC AWARDS & RECOGNITIONS

NASSCOM®

TOP5

Won the Top 5 Startups in eastern India in Thieve 30 by NASSCOM

GLOBAL ENTREPRENEURSHIP SUMMIT INDIA 2017

Selected for GES – 2017, Hyderabad and showcased among top 100 Start-ups from India.

SMART FIFTY — 50 Solutions to Transform India

TOP50

Emerged as one of the top 40 startups in #Smartfifty' – a search for solutions to transform India

PULSE THE VENTURE — INSPIRING INNOVATION

Top 24 Start-ups selected over 1850 startups across India By CNBC.

NASSCOM® PRODUCT CONCLAVE

Selected for NPC – Bangalore and NPC – Kolkata for Product showcase.

TiECON DELHI-NCR

Product showcased in TIECON – 2017 and selected through Govt. Of Odisha.

#startupindia

Startup India Recognize

Startup Odisha

STARTUP ODISHA recognised.

birac — Ignite Innovate Incubate

BIRAC finalist in SPARCH - 2017

web summit — LISBON, NOVEMBER 6-9, 2017

Selected for Web summit - Lisbon

hello tomorrow

Selected for Hello tomorrow, Paris Summit.

100 open startups

Selected and presented in 1000 open startups.

ABOUT THE TRAINING COURSE
ISO 55000

Arrelic defines ISO 55000 is an international standard covering management of physical assets. It provides critical overview, concepts and terminology needed to develop a long-term plan which incorporates an organization's mission, values, objectives, business policies and stakeholder requirements. This course talks about inside and out the key elements required in asset management for the duration of the life cycle of equipment.

This is the International Standard which specifies the requirements for the establishment, implementation, maintenance and Improvement of a management system for asset management, referred to as "an asset management system". ISO 55000 states, "Top management should create the vision and values that guide policy, practice and actively promote these values inside and outside the organization"

The standard consists of three parts: The standard itself, ISO 55001, which contains the criteria for certification, as well as ISO 55000 which covers some background principles and definitions, and ISO 55002 which provides application guidelines. This supports optimization of assets and reduces the overall cost of ownership while helping you to meet the necessary performance and safety requirements.

LEARNING OBJECTIVES &
KEY BENEFITS OF ATTENDING THE WORKSHOP

By attending this technical training on "ISO 55000" delegates will be able learn and deliver the following things.

- ✓ Describe the clauses of the ISO 55000 standard
- ✓ Identify the benefits of the ISO 55000 standard
- ✓ Cite six critical concepts for asset management policy and strategy creation
- ✓ Develop an Asset Management Policy, strategy and supporting objectives
- ✓ Document steps to create the asset management plans and framework

Key Benefits:
- ✓ This course provides concepts/definitions used in ISO 55001
- ✓ It clears the difference between asset management and an asset management system
- ✓ Understand the history of ISO 55000
- ✓ It shows the overall structure of ISO 55000
- ✓ Understand the content of each clause in ISO 55001
- ✓ It clears the benefits of an asset management system
- ✓ Know the status of your organization based on a self-assessment
- ✓ Be aware of the certification process for ISO 55001

WHO SHOULD ATTEND ?

Successful reliability centered maintenance programs require the disciplined application of proven processes and interdepartmental partnerships. It is important for departments that are influenced and impacted by the processes to understand the processes. People in the following roles should participate in this training:

- ✓ **Project, Design & Asset Management**
- ✓ **Engineering**
- ✓ **Production and operational managers**
- ✓ **Reliability Engineering**
- ✓ **Technical Support**
- ✓ **Risk managers**
- ✓ **Maintenance analysts**
- ✓ **Maintenance superintendents**

INDUSTRIES THAT CONCERN ABOUT

LOW PRODUCTIVITY

Conventional use of time-based approach for maintenance does not take into consideration the way assets are being utilized, their current condition and real world operating conditions.

HIGH DOWNTIME

Failure to curb unplanned downtime and lack of control over value chain processes lead to high costs , inefficiencies and poor compliance. These severely impacts the profit and industrial growth.

INADEQUATE ASSESS CONTROL

Industries lack the ability to interpret assets data and because of unavailability of proper predictive methods they are unable to predict equipment failures which leads to unplanned downtime.

HIGH MAINTENANCE COST

Increased competition, pressure to grow revenue & profit , tighter regulations, scarcity of raw material, fluctuation demand and obsolete technologies have impacted the way industries are being operated.

COURSE OUTLINE

DAY – 1

WHAT IS ISO 55000 WITH FUNDAMENTALS ?

- ✓ Describe the Clauses of ISO 55000 standards
- ✓ Business Review, Initial Gap Analysis, Compliance and Accreditation
- ✓ Organizational commitment, Benefits and Risk Assessment, " Go/No Go" decision

ISO 55000 BUSINESS PLAN
- ✓ Business Planning and process mapping, Map corporate outcomes to functional activities.
- ✓ Review of Statutory obligation and business risk profile and update risk register

ISO 55000 CAPABILITY ASSESSMENT
- ✓ Review and development of the QMS strategy, competency plan, Review and Update operational strategies.

REVIEW & Q/A

DAY – 2

REQUIREMENT OF ASSET MANAGEMENT ISO 55001
- ✓ What is Asset management and why it is important to an organization?
- ✓ The benefits of a management system for asset management
- ✓ The background of ISO 55001:2014
- ✓ The key terms, concepts and principles of ISO 55001:2014
- ✓ The main requirements of ISO 55001:2014

FUNDAMENTALS OF ASSET MANAGEMENT ISO 55001:2014
- ✓ Recognize and be able to apply asset management terminology, definitions and principles
- ✓ Identify and manage the expectations of stakeholders with respect to asset management
- ✓ Become familiar with internationally recognized asset management methodologies and good practices
- ✓ Appreciation of the structured approaches available for the improvement of value realization from assets

KEY ELEMENTS OF AUDITING ISO 55001;2014
- ✓ Explain the principles of auditing to ISO 55001:2014
- ✓ Introduce and apply a four theme approach to assessing the elements of ISO 55001 and their integration
- ✓ Prepare and conduct asset management audits
- ✓ Recognize the role of maturity models for continual improvement in asset management

POST ASSESSMENT

PROGRAM SCHEDULE

09:00 - 10:30	Morning Session 1		13:30 - 15:00	Afternoon Session 1
10:30 - 11:00	Refreshments & Networking Break		15:00 - 15:30	Refreshments & Networking Break
11:00 - 12:30	Morning Session 2		15:30 - 17:00	Afternoon Session 2
12:30 - 13:30	Lunch		17:00 - 17:30	Day review & Q/A