

Certificate Course on Reliability Engineering
Phase 1- 26th to 28th June (3 days) & Phase 2 - 12th -13th July 2018,(2 days)
Pune / Bangalore

Reliability Engineering is an engineering field that deals with the study of reliability ie. the ability of a system or component to perform its required functions under stated conditions for a specified period of time. The goal of reliability engineering is to evaluate the inherent reliability of a product or process and pinpoint potential areas for reliability improvement. Conscious effort on Reliability will help to improve product's reputation, customer satisfaction, warranty costs and repeat business. Keeping this in view, TÜV Rheinland is organizing 5 days Certificate course on Reliability Engineering Professionals

This training course is specifically designed to introduce the concepts of reliability engineering and help to translate theory into best practice through live case studies, project assignment, classroom training, practical sessions and group discussions.

Structure of the training course:

- Participants who attend Module 1 are required to attend module II ie. Module II is the continuation of Module 1.
- Each participant is required to complete a mini project by using the tools and technique taught on Reliability Engineering after conclusion of the Module I.
- Faculty Support will be provided through email/phone during the project /assignments. Highly experienced faculty from TÜV Rheinland will conduct this seminar. The forum will provide participants an opportunity to discuss specific problems with the expert faculty.

Training methodology: Project Assignments and project support ,Class - Room Training, Group Discussions , Case Studies, Practical sessions and Assessment test.

Benefits:

- **Qualified Reliability Engineers** will be a great resource to any organizations. Trained and certified Reliability Engineer can play key roles in **Project/Product Engineering Department as well as with production team** to perform analyses of assets like Asset utilization, Overall equipment effectiveness, Remaining useful life, other parameters that define operating condition, reliability and costs of assets etc.
- **Reliability Engineer can guide and ensure reliability and maintainability of equipment**, processes, utilities, facilities, controls and safety/security systems.

Course Contents:

- Reliability, Statistical Methods - Introduction - Definitions, concepts and Introduction to Reliability Engineering , Reliability in the Product Design - FMEA / FMECA, Fault Tree Analysis (FTA)
- Reliability Modelling, Prediction, Testing and Life Data Analysis, Maintainability and Availability - Maintainability Analysis, Availability Studies - RCM
- Data Collection, Analysis and Corrective Action - Data Collection Methodology
- Failure Reporting and Corrective /

<ul style="list-style-type: none"> • During the Reliability Engineering certification process, each participant must complete one project by using Reliability Engineering tools and techniques. This will ensure that the organization gets benefited through the project results and also they get the Return on Investment by training a key person as ‘Certified Reliability Professional’. • Adding a certification in career for key people/employee(s) by globally recognized organization like TÜV Rheinland. People and companies around the globe have placed their trust in TÜV Rheinland Group since 1872. TÜV Rheinland is a leading provider of technical services worldwide. 	<p style="text-align: center;">Preventive Action</p> <p>Who can attend this training program? Personal who are working in Manufacturing / Process / production / Design / Assembly / Quality Dept., Reliability engineers, Design engineers, Quality engineers, System engineers. Software professionals or engineers, Quality & Reliability Professionals/Engineers, Production & Maintenance , Managers / Engineers, Executives/Engineers from Manufacturing/ Production units and IT sector, TPM / TQM coordinators, Six Sigma Black Belts / Green Belts in Manufacturing etc. can participate in this program.</p>
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Registration Fee: Rs. 24,000/- Per delegate. (18% GST extra).

Registrations will be accepted on 'First Come First Served' basis. Companies interested in participation are requested to return the attached 'Reply Form', along with a Demand Draft / at par payable Cheque, in favour of “**TÜV Rheinland (India) Pvt. Ltd.**”, payable at Bangalore to the address as mentioned in the reply form. Delegate fee is non-refundable. However, change of nominations accepted. Details of exact training venue and time schedule would be intimated to all participants on receiving their confirmation against their participation.

Participation certificates would be issued by TÜV Rheinland. This is a non-residential program; therefore delegates are requested to make their own arrangements for travel and accommodation.

For registration or more details, please contact:

Deepak B,
Academy and Life Care,
TÜV Rheinland (India) Pvt. Ltd. , Cell :- 9158091188, Email: deepak.b@ind.tuv.com ,

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