

Maintenance

Added Value for Candidates Working in the Field of Maintenance

Upon completion of the Master in Quality Management the candidates shall be able to:	Green Belt Lean Six Sigma	Lead Auditor ISO 9001	Auditor/Lead Auditor ISO 22000	Auditor/Lead Auditor OHSAS 18001	Bronze Lean Enterprise Certificate	British Retail Consortium (BRC)	Auditor/Lead Auditor ISO 14001	Risk Management (ISO 31000)	NEBOSH	Total Productive Maintenance	Occupational Safety and Health	Auditor/Lead Auditor ISO 50001
1. Use different methods and techniques for the measurement and analysis of the efficiency and effectiveness of equipment.				√	√					√	√	√
2. Analyse the current system of maintenance management using suitable techniques and methods to mitigate the losses and costs.	√	√			√			√		√		
3. Analyse and identify the root causes that affect the performance of the maintenance process using different qualitative and quantitative tools.	√	√		√	√		√	√		√	√	√
4. Prioritize maintenance processes according to the expected impact on performance and commitment to the plan.		√						√				
5. Prepare maintenance plans in coordination with the relevant departments.		√			√					√		
6. Use special methods and techniques to eliminate pollution-related accidents and emergency shutdown of equipment.			√	√		√	√	√		√	√	
7. Identify and follow-up corrective and preventive actions for maintenance.		√		√				√		√	√	
8. Identify and control the risks associated with equipment and machinery, and identify priorities for development.		√		√	√		√	√			√	
9. Use appropriate tools and different ways to ensure stable performance and continuous improvement.	√	√			√			√		√		
10. Assess occupational hazards by identifying, prioritizing and responding to potential risks.		√	√	√		√					√	
11. Gain ability to interpret, implement, and review various international standards specifications.		√	√	√		√	√	√			√	√
12. Gain ability to plan, organize, and implement effective audits on various international specifications and writing non-conformity reports.		√										
13. Conduct continuous improvement projects through applying the principles of waste management.		√	√		√	√				√		
14. Gain a full understanding of processes and identification of non-value-added activities.	√	√			√							
15. Monitor the effectiveness of the application of procedures that have been treated.	√	√	√	√	√	√	√	√		√	√	√
16. Take appropriate decisions through the use of statistical techniques and tools.	√											