

The Added Value for Candidates Working in the Field Of Production

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	Business Continuity	British Retail Consortium (BRC)	Auditor/ Lead Auditor ISO 14001	Risk Management (ISO 31000)	NEBOSH	Total Productive Maintenance (TPM)	Occupational Safety and Health Standards (OSHA)	Auditor/ Lead Auditor ISO 50001
1. Use different tools and methods to assess the current status of production operation according to time, cost, productivity and flexibility.	√				√								
2. Assess and analyse bottlenecks within the production process using quality tools.					√	√			√		√		
3. Identify root causes of wastes within the production process (time, raw materials, quality ... etc.) using quality tools.	√	√			√								
4. Design production plans (taking into account the production capacity, number of production lines, diversity of products, sales plan, time of change from one product to another, the timing of maintenance, availability of raw materials, etc.) using quality tools.		√			√	√			√		√		
5. Use different qualitative and quantitative methods to analyse root causes that affect performance.	√	√			√	√			√		√		
6. Prioritize improvement plans according to their expected effect on performance and customer satisfaction.		√	√			√							
7. Measure the efficiency and effectiveness of the production process (machine level, production line) using the appropriate tools.					√				√		√		
8. Reduce the time required for conversion from one product to another (Change overtime) by using various tools and techniques.	√				√								
9. Restructure processes and operations using different tools.	√	√	√	√	√	√	√	√	√	√	√	√	√
10. Identify and follow up the corrective and preventive actions.		√	√	√				√	√				√
11. Use various tools and methods to identify possible risks that may occur during the implementation and the actions to be taken in the event of the occurrence of such risks.			√						√				
12. Understand the needed tools that guarantee consistent performance and the continuous efforts to improve performance.		√			√	√					√		
13. Gain ability to plan, organize, and implement effective audits on various international specifications and writing non-conformity reports.	√	√	√	√	√	√	√	√	√	√	√	√	√
14. Organize, plan and implement effective audit processes on different international standards and writing nonconformity reports.	√	√	√	√	√	√	√	√	√	√	√	√	√
15. Conduct continuous improvement projects through applying the principles of waste management.	√				√						√		
16. Gain a full understanding of processes and identification of non-value-added activities.	√	√			√						√		
17. Monitor the effectiveness of the application of procedures that have been treated.	√	√	√	√	√	√	√	√	√	√	√	√	√
18. Take appropriate decisions through the use of statistical techniques and tools.	√												