Layered Process Audit (LPA)

Course Description

This 1-day Layered Process Audit (LPA) course equips participants with the knowledge and skills to effectively plan, conduct, and sustain LPAs to ensure process compliance, improve quality, and reduce variation. LPAs are a structured approach to verifying that critical processes are followed consistently, helping organizations prevent defects, improve efficiency, and maintain compliance with customer and industry requirements.

Through interactive training, practical exercises, and real-world examples, participants will learn how to design effective LPA checklists, engage leadership in the audit process, and drive corrective actions. The course emphasizes the financial benefits of LPAs, including reduced scrap and rework, improved productivity, lower warranty costs, and enhanced customer satisfaction.

Course Objectives

Understand Layered Process Audits:
â?? Define LPAs and their role in quality and compliance systems.
â?? Recognize how LPAs differ from other types of audits.

Plan and Implement an LPA Program:
â?? Develop audit schedules and responsibilities for different organizational levels.
â?? Create effective LPA checklists focused on key process characteristics.

Conduct Effective LPAs:
â?? Apply questioning and observation techniques to verify process compliance.
â?? Document findings accurately and objectively.

Link LPAs to Financial Performance:
â?? Quantify cost savings from reduced defects, rework, and downtime.
â?? Demonstrate ROI through improved process control and customer satisfaction.

Sustain and Improve LPA Programs:
â?? Use audit results to drive continuous improvement.
â?? Engage leadership and teams in maintaining process discipline.

Training Format

Day 1: Introduction to LPA principles, planning and scheduling audits, developing checklists, conducting audits, documenting findings, and linking results to financial and operational improvements.