€TRAINING

CAD Productivity and Quality Assurance Techniques

8 - 12 December 2024
Sharm El-Sheikh (Egypt)
Sheraton Sharm Hotel,
Resort,

CAD Productivity and Quality Assurance Techniques

Introduction:

This program provides Quality Assurance Productivity Improvement in CAD Work, Standardization, Accuracy-First-Time Tools and Procedures For Operators, Checkers, Engineers, and Supervisors.
CAD usage is taught everywhere and Draftsmen and Engineers have been making Good Drawings - So where is the problem? CAD drafting errors need a lot of time to detect, correct, or redo- many of these errors are avoidable. Sooner or later all organizations realize it is much more advantageous to spend time in setting up procedures and checklists for CAD functions rather than trying to correct errors later. Tools and Methodologies are available to enable errors to be identified reliably.

Course Objectives:

At the end of this course the participants will be able to:

- Design sampling plans
- Direct process control
- Understand the methods and requirements of inspection
- Evaluate quality costs
- Understand the organizational quality responsibilities
- Analyze management and operator controllable defects.

Targeted Audience:

This course is applicable to all industries including manufacturing and service delivery. Persons who have successfully completed the Preliminary Quality Control Course, or who have had prior practical experience in the field of product and service quality should attend the course. This includes quality managers, quality inspectors, quality control personnel, quality assurance personnel, laboratory technicians, supervisors, and team leaders.

Course Outlines:
Unit 1:

- Minimize errors through Error Prevention
- Automate error checking

Unit 2:

- Maximize Productivity
- Reduce Rework very Substantially

Unit 3:

- Facilitating Group working - Maintaining Standardization
- Ensuring your Drawings will be suitable for.
- Future CAD Upgrades

Unit 4:

- Move from one CAD Software to Another
- Compatible with Electronic Document Management Systems
- Suitable for Serving as Base Drawings to put Intelligence into them

Unit 5:

- Bill of Material Design Analysis
- GIS Type Applications
- Sources of Information and Technology