Achieving CMMS Data Integrity: Best Practices & Strategies

2027 □□□□□□ 16 – 12
Dubai (UAE)



Achieving CMMS Data Integrity: Best Practices & Strategies

Ref: 20222853_216331 Duration: 1 Week Location: Dubai (UAE) Fees: 4900 GBP

Course Description

This comprehensive 1-week course equips participants with the knowledge and skills to achieve and maintain CMMS data integrity. Learn best practices for data builds, quality checks, and ongoing maintenance to enhance asset management efficiency and reliability. Gain hands-on experience with practical exercises and real-world case studies.

Learning Objectives

- Understand CMMS data structure and build processes
- Develop strategies for effective equipment and spares coding
- Master techniques for building and maintaining asset registers
- Learn to conduct data quality checks and audits
- Implement best practices for preventive maintenance data management

Course Modules

Day 1: Introduction to CMMS Data Integrity

- CMMS data fundamentals and importance
- Common data build challenges
- Data integrity principles and best practices
- Introduction to data quality tools Excel, Access

Day 2: Equipment and Spares Coding

- Criticality assessment for equipment and spares
- Developing effective coding structures
- Failure and shutdown codes
- Work order priority coding

Day 3: Building the Asset Register

- Asset register structure and components
- Naming and numbering conventions
- Equipment attributes and hierarchies
- Quality checks and data validation



Day 4: Spares Database Management

- Spares database structure and components
- Inventory level determination
- Data quality checks for spares
- Integration with asset register

Day 5: Preventive Maintenance Data

- PM data structure and components
- Developing effective maintenance strategies
- Job plan formats and best practices
- Quality checks for PM data

Practical Wins for Participants

- Ability to audit and improve existing CMMS data quality
- Skills to manage data builds and transfers effectively
- Techniques to enhance asset register and spares database accuracy
- Strategies to optimize preventive maintenance data for improved reliability

