

# S43100 – Management of Technical Objects in SAP S/4HANA

**Course Duration: 24 Hours**

**Course Code: S43100**

## 1. Course Overview

The **S43100 – Management of Technical Objects in SAP S/4HANA** course provides an introduction to the setup and management of technical objects within SAP S/4HANA Asset Management. Participants will learn how to configure and maintain functional locations, equipment, bills of material (BOM), task lists, and other master data essential for maintenance processes. This course equips learners with the skills to support **plant maintenance and asset lifecycle management** effectively.

## 2. What You'll Learn?

- Introduction to **technical objects** in SAP S/4HANA.
- Create and manage **functional locations**.
- Understand and configure **equipment master data**.
- Manage **serial numbers and classifications**.
- Work with **bills of material (BOMs)** for technical objects.
- Utilize **task lists** for preventive maintenance.
- Understand integration with **asset management processes**.
- Apply best practices for **data consistency and reporting**.

### 3. Target Audience

- **SAP Plant Maintenance (PM) consultants.**
- **Asset Management professionals.**
- **Maintenance engineers and planners.**
- IT and support staff working with **SAP S/4HANA Asset Management.**

### 4. Pre-Requisites

- Basic understanding of **SAP S/4HANA navigation.**
- Knowledge of **plant maintenance and asset management concepts.**
- Completion of introductory SAP S/4HANA Asset Management courses is helpful.

### 5. Course Content (Modules)

#### **Module 1: Introduction to Technical Objects in SAP S/4HANA**

- Overview of asset and maintenance management
- Role of technical objects in maintenance

#### **Module 2: Functional Locations**

- Structure and hierarchy of functional locations
- Creation, management, and reporting

#### **Module 3: Equipment Master Data**

- Equipment categories and structures
- Equipment installation and dismantling
- Serial number management

#### **Module 4: Bills of Material (BOMs)**

- Creation and usage of BOMs for equipment and locations
- BOMs in maintenance planning

### **Module 5: Task Lists for Technical Objects**

- General task lists, equipment task lists, functional location task lists
- Use in preventive and predictive maintenance

### **Module 6: Integration with Asset Management**

- Linking technical objects with maintenance orders
- Reporting and analytics for technical objects

### **Module 7: Best Practices in Technical Object Management**

- Data governance and consistency
- Practical tips for efficient asset lifecycle management

