



MANUFACTURING MF - Hefaist

Main Topics:

Settings, Specifications and Work Orders >> 6 hours

Required Knowledge:

Basics of PANTHEON™, simple manufacturing (ME and SE), as well as orders and goods basics. Basics of manufacturing and scheduling management are also expected.

Chapters:

1.	General Manufacturing Parameters
2.	Work Calendars
3.	Regulations and Types of Regulations
4.	Resources
5.	Specifications
6.	AP Work Order Parameter Settings
7.	Work Order Document Types



1. Chapter |

General Manufacturing Parameters

- **Administration Panel (AP) Parameter Settings:**
 - Administration Panel presentation and demonstration
 - Understanding basic settings
- **Items:**
 - Mastering user-defined field settings for items: demonstration
- **Manufacturing:**
 - Parameter settings for general manufacturing data
 - Settings for active fields in manufacturing:
 - Settings for additional parameters in manufacturing
 - Settings for calculation of Cost price

2. Chapter |

Work Calendars

- **General:**
 - Settings options for work calendars
- **Calendar Entry Types**
 - Calendar entry types
 - Usage % option as the basis for calculating schedules
 - Individual graphical calendar settings as a way to improve transparency
 - Defining calendar states
- **Parent and Child Calendars**
 - Calendar structure and child-parent hierarchy
- **Calendar Preparation**
 - Generate calendars according to the current calendar year – generated by criteria as well as saving and overwriting options of the calendar structure
- **Reports**



3. Chapter |

Regulations and Types of Regulations

- **Using Regulations in Specifications and Resources:**
 - Specifications
 - Materials (lines)
 - Corporations
- **AP Parameter Settings**
- **Custom Regulation Types**
- **Regulation Data**

4. Chapter |

Resources

- **Presentation of Resources**
- **Using Resources in Specifications**
 - Understanding user-defined field settings – adding and removing
 - Database queries
- **Custom Regulation Types**
 - Presentation of resources as a combination of machines, equipment, and people which appear in specifications
- **AP Parameter Settings**
 - Work calendar selection
 - Determine set-up cost and production cost
 - User-defined fields
- **Tree Structure**
- **Resource Types**
 - Work
 - Cumulative
 - External
- **General**
 - Understanding general resource data:
 - Default calendar
 - Connection with regulations
 - Resource salary grades (formulas for calculating labor costs)
 - Colors
 - Understanding resource capacities:
 - Work from-to



- Gross hours
- Scheduling options
- Options for additional data about capacities

- **Equipment**
- **Positions and Employees**
- **Resource Wear**
- **Reports**

5. Chapter |

Specifications

- **General**
 - Central Part of Manufacturing:
 - Product specifications
 - Plan specifications
 - Manufacturing specifications or work preparation
 - Commercial specifications (extra)
 - Specification Alternates
 - Specification Alternate Statuses
 - Level Structures

- **AP Parameter Settings**
 - General:
 - Automatic numbering
 - Exclusive specification editing
 - Auto-update items and operations
 - Use alternates
 - User-defined fields

- **Specification lines**
 - Specification Structure
 - Lines
 - Material Lines in Specifications
 - Operation Lines in Specifications

- **Specification tools for editing**
 - Line Distribution
 - Copy Specification
 - Delete Specification
 - Change Components and Resources
 - Check Spec Structure

- **Cost Estimation in Specifications**
 - Types:
 - Detailed



- Summary
 - Price Selection
 - Price Simulation
 - Price Estimation Reports
 - Transfer Group
- **Specification Reports**

6. Chapter |

AP Work Order Parameter Settings

- **General**
 - Setting up default values
 - Decimal places
 - WO creation settings
 - Method of creating order dates in WO
 - Costing factor principle
 - Item type selection related to costing factor
- **Process WO**
 - Settings for WO processing
 - Display field settings
- **Finished Work Analysis**
 - Defining formulas, the formula register, formula checking

7. Chapter |

Work Order Document Types

- **General**
 - General settings
- **Movements**
 - Issuing
 - Receiving
- **Work Documentation**
- **Stock**
- **Quantity Check**
- **Linked Doc. Types**