

SAP Manufacturing Execution
How-To Guide



How To Set Up and Use Activity Rules in SAP ME

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SAP ME How-To-Guide for Setting up Activity Rules

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Document History

Document Version	Description	Author
1.0	Initial version	Chet Moutrie
1.1	Added info for Check Option rule for Log Tool Check activity	Chet Moutrie
1.2	Added CHECK_TIME_BASED activity rule to CT520	Chet Moutrie

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1 Introduction

1.1 Purpose

The SAP ME How-To-Guide for Setting up Activity Rules is intended to provide sufficient information to enable activity rules to be easily configured and readily utilized to meet business needs, making use of available best practices.

1.2 Scope

This document covers all aspects of setting up activity rules in SAP ME.

1.3 Glossary

Activity	An executable software unit in SAP ME
Activity Hook	See Hook Activity and Hook Point
Activity Rule	An activity setting that controls how the activity behaves
BOM	Bill of Material
Hook Point	A processing point in SAP ME where the execution of an activity can be configured to occur automatically (e.g. at Pre-Complete for an operation)
Item	Previous terminology for a material
Material	A unique manufactured or purchased part that is processed or consumed on the shop floor
Operation	A procedure performed at a resource; an element of a routing
POD	Production Operator Dashboard - configurable SAP ME module designed for use by factory floor operators
Resource	A machine or other piece of equipment used to perform an operation
Routing	A series of operations, or routing steps
SFC	Shop Floor Control unit - a single material or a batch of materials being processed on the shop floor

2 Overview of Setting up Activity Rules

2.1 Description and Applicability

Several types of activities in the system have rules you can change. You can change these rules on the Rules tab in Activity Maintenance.

Rules allow you to control precisely how an activity behaves. When you install the system, each rule of the activity is set to a default value. If this default value meets your needs, you do not need to change it.

Activities that fall into each of the following types have rules:

- POD button activities
- Hookable activities
- Other activities, such as production activities

The tables in this guide describe the rule settings for these activities.

Note: Before using this guide, make sure you have read the following related guides:

- SAP ME How-To-Guide - POD
 - SAP ME How-To-Guide - Setting up Activity Hooks
-

2.2 Business Purposes / Functions

The following are the functions, for setting up activity rules, which are described in section 3:

- Changing Rules
- POD Button Activities with Rules
- Hookable Activities with Rules
- Other Activities with Rules

3 Functions for Setting up Activity Rules

3.1 Changing Activity Rule Settings

When you want to change an activity's rule setting, you should create a new activity based on the old one (create a copy) and change the new activity's rule setting(s).

Note: If you change the original activity, the change will take affect for **all** cases, wherever the activity is used, for **all** sites in the database.

To create a new activity with different option settings:

1. In Activity Maintenance, retrieve the original activity.
2. Change the value in the **Activity** field to the name of the new activity. For example, if you want to change Serialize (PR550), you could name the new activity PR550A.

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Note: For the Document Print (SY520) activity, it's a good idea to create a separate activity for each document and place where you want to trigger an activity hook. For example, create one activity for printing barcode labels at the ASSEMBLE operation, and another for printing packing lists at the PACK operation.

3. Click the Rules tab and do one of the following:
 - If the option you want to change is not listed in the table, click **Insert** > **New**, and type in the values you want below the **Rule** and **Setting** columns.
 - If the option you want is listed in the table, change the value in the **Setting** column.
4. Save the new activity.

3.2 POD Button Activities with Activity Rules

The following POD button activities have activity rules:

- [Assembly Point \(CT500\)](#)
- [Collect Parent Serial Number \(PR555\)](#)
- [Complete \(PR510\)](#)
- [Data Collection \(DC500\)](#)
- [Data Collection List \(DC_LIST_DISPLAY\)](#)
- [ECO Processing \(SU610\)](#)
- [Log Buyoff \(LOG_BUYOFF\)](#)
- [Log NC \(NC500\)](#)
- [Log NC Reject \(LOGNC_REJECT\)](#)
- [Pass \(PR510Q\)](#)
- [Scrap Location \(SU590\)](#)
- [Serialize \(PR550\)](#)
- [SFC Merge \(PR580\)](#)
- [SFC Merge Plug-in \(PR581\)](#)
- [SFC Quantity Adjustment \(PR591\)](#)
- [SFC Relabel \(PR600\)](#)
- [SFC Scrap/Delete \(SU580\)](#)
- [SFC Split \(PR570\)](#)
- [SFC Split Plug-in \(PR571\)](#)
- [Start By Material \(PR505\)](#)
- [Pack/Unpack \(PK020\)](#)
- [Work Instruction Viewer \(WI500\)](#)

The tables in this section describe the activity rules and settings for activities you can associate with POD buttons. For more information about POD button activities, see the SAP ME How-To-Guide – POD.

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3.2.1 Assembly Point (CT500)

The As-Built Configuration activity is not affected by this rule.

Rule	Setting
ALLOW_SKIP	YES: Allows the operator to skip a component row in sequence mode. NO (default): Prevents the operator to skip a component row in sequence mode.
ASSEMBLY_MODE	CHOOSE (default): Allows assembly point operators to record assembled components for each assembly in any order. Gives operators maximum flexibility in the assembly process. SEQUENCE: Requires operators to record assembled components for each assembly in the sequence defined in the BOM. The system supplies the identifier for each component. Controls what operators must enter. Operators do not have to choose the next component.
DISPLAY_BARCODE	YES: Displays a barcode entry field for choosing the component to assemble. NO (default): Does not display a barcode entry field.
ENFORCE_ASSEMBLY_STATE	TRUE: Allows the assembly of components only when the POD operation matches the assembly operation and the selected SFC numbers have an overall status of Active FALSE: Does not perform the validation; the selected SFC numbers can have any status and do not need to be at the assembly operation.

3.2.2 Collect Parent Serial Number (PR555)

Rule	Setting
GENERATE_ID	TRUE: Automatically assigns a parent serial number based on the Next Number and SFC Release value. FALSE (default): Requires the operator to collect a parent serial number through the Collect Parent Serial Number activity.

3.2.3 Complete (PR510)

Rule	Setting
CONFIRM_PROCESSLOT_OPTIONS	REMOVE: Removes selected SFC numbers from the process lot and completes them CANCEL: Does not remove the selected SFC numbers from the process lot and does not complete them CONTINUE: Completes the selected SFC numbers without removing them from the process lot Default value: CONTINUE, REMOVE, CANCEL Note that if there are multiple setting values, the question dialog appears and the setting values are displayed as action buttons
IGNORE_COMPLETE	YES (default): Skips the complete logic if the operator does not have permission to execute this activity, and ignores the completed operations, or steps. NO: Rolls back the entire transaction and displays an existing error message if a selected step is already completed or in the status of Complete Pending, or if the operator does not have permission to execute this activity.

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Rule	Setting
	<p>Note: When PR510 and BUYOFF_ACCEPT are setup on the same button the IGNORE_COMPLETE activity rule must be set to yes so permissions on the complete activity are ignored. When PR510 is setup on a button without BUYOFF_ACCEPT, the IGNORE_COMPLETE activity rule must be set to no so permissions on the complete activity are checked and an error is displayed.</p>
IGNORE_NOT_ACTIVE	<p>YES (default): Ignores the SFC numbers that are not Active at the selected operation, and looks at the CONFIRM_PROCESSLOT_OPTIONS activity rule to determine how to process selected SFC numbers that are <i>Active</i> at the operation for a process lot. This rule also applies when a shop order is used as the input.</p> <p>NO: Displays an error message and ignores any SFC numbers if any selected SFC number is not Active at the operation for a process lot. This rule also applies to a shop order.</p>
QUICK_COMPLETE	<p>TRUE: Tells the system that the operator has started and completed the selected SFC, shop order, or process lot (i.e. the SFC has been started and completed in one transaction). You do not need to associate another button with the Complete (PR510) activity.</p> <p>FALSE (default): Tells the system that the operator has completed the selected SFC, shop order, or process lot.</p>

3.2.4 Data Collection (DC500)

Rule	Setting
ENFORCE_GROUP_MODE	<p>Controls the behavior when a DC group of the selected SFC number has the Manual – Multiple collection method but the SFC numbers do not meet the criteria for the Manual – Multiple mode</p> <p>YES: Displays an error message</p> <p>NO (default): The Manual – Single mode is used for the DC group</p>
LOGNC_ID_ON_GROUP_FAILURE	<p>NONE or blank (default): The system does not open the Log NC plug-in when a DC group fails</p> <p>NC500: The system opens the Log NC (NC500) activity when DC group fails</p> <p>NC515: The system opens the Simplified Log Primary NC (NC515) activity when a DC group fails</p> <p>Note that the data structure of NC500 and NC515 is different</p>
PROCESS_ALL_DC_GROUPS	<p>TRUE (default): Allows the system to show all DC Groups to collect for this SFC at this Attachment Point.</p> <p>FALSE: Prevents the system from showing a sequence of all DC Groups to collect for this SFC at this Attachment Point.</p>

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SHOW_APPLY_TO_ALL	<p>Controls whether the Apply to all SFCs checkbox is visible when you collect data in the Manual-Multiple mode</p> <p>YES (default): The Apply to all SFCs checkbox is visible. You may deselect the checkbox to switch from the Manual – Multiple mode to the Manual-Single mode.</p> <p>NO: The Apply to all SFCs checkbox is not visible and you must collect data in the Manual-Multiple mode.</p>
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3.2.5 Data Collection List (DC_LIST_DISPLAY)

Rule	Setting
AUTO_NEXT	<p>YES: The next DC group is automatically displayed in the DC Group plug-in.</p> <p>NO (default): The next available, unselected DC group is automatically displayed in the DC Group plug-in.</p>

3.2.6 ECO Processing (SU610)

ECO Processing (SU610) controls whether the original shop order build quantity is adjusted down to the number of SFCs affected by the ECO once the ECO is activated.

Rule	Setting
ADJ_ORIG_SO_BUILD_QTY_DOWN	<p>TRUE (default): Adjusts the original shop order build quantity down to the number of SFCs affected by the ECO once the ECO is activated.</p> <p>FALSE: Does not adjust the original shop order build quantity down when the ECO is activated.</p>

3.2.7 Log Buyoff (LOG_BUYOFF)

Rule	Setting
REQUIRE_LOGIN_ADD	<p>TRUE: Specifies that the Logon ID and Password fields are required.</p> <p>FALSE (default): Specifies that the Logon ID and Password fields are optional.</p>
REQUIRE_SINGLE_ADD	<p>TRUE: Specifies that the Log Buyoff table allows selection of only one row and the Apply to all check box is not displayed.</p> <p>FALSE (default): Specifies that the Log Buyoff table allows selection of multiple rows and the Apply to all check box is displayed.</p>

3.2.8 Log NC (NC500)

All the activity rules for Log NC (NC500) are no longer used since SAP Manufacturing Execution 3.2. They are left only for historical and migration purposes. NC Client Maintenance handles this functionality. For more information, see the “NC Selection, NC Data Entry and NC Tree (Function)” section of the SAP ME How-To-Guide – NC and the SAP ME online help for NC Client Maintenance.

3.2.9 Log NC Reject (LOGNC_REJECT)

For more information, see the “NC Selection, NC Data Entry and NC Tree (Function)” section of the SAP ME How-To-Guide – NC and the SAP ME online help for NC Client Maintenance.

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Rule	Setting
DEFAULT_NC_CODE	<p>REQUIRED (default): Displays red asterisk to indicate that an NC code is required for this activity.</p> <p>OPTIONAL: Indicates that an NC code is optional.</p> <p>NONE: Indicates that the Log NC Reject window is not displayed and the reject happens automatically and the default NC Code “Comment” is logged.</p>

3.2.10 Pass (PR510Q)

Rule	Setting
CONFIRM_PROCESSLOT_OPTIONS	<p>Applies when some, but not all, SFC numbers in a process lot are being passed.</p> <p>REMOVE: Removes the selected SFC numbers from the process lot and passes them</p> <p>CANCEL: Does not remove the selected SFC numbers from the process lot and does not pass them</p> <p>CONTINUE: Passes the selected SFC numbers without removing them from the process lot.</p> <p>Default value: CONTINUE, REMOVE, CANCEL</p> <p>Note that if there are multiple setting values, the question dialog appears and the setting values are displayed as action buttons</p>
IGNORE_COMPLETE	<p>YES (default): Skips the complete logic if the operator does not have permission to execute this activity, and ignores the completed operations, or steps.</p> <p>NO: Rolls back the entire transaction and displays an existing error message if a selected step is already completed or in the status of Complete Pending, or if the operator does not have permission to execute this activity.</p>
QUICK_COMPLETE	<p>TRUE (default): Tells the system that the operator has started and completed the selected SFC, shop order, or process lot. You do not need to associate another button with the Complete (PR510) activity.</p> <p>FALSE: Tells the system that the operator has completed the selected SFC, shop order, or process lot.</p>

3.2.11 Scrap Location (SU590)

Rule	Setting
ADJUST_SHOP_ORDER_REL_QTY	<p>TRUE: Reduces/increases the shop order quantity released by the scrap/unscrap amount.</p> <p>FALSE (default): Does not modify the shop order quantity released.</p>
MAINTAIN_LOCATION_STATE	<p>TRUE: Does not clear check box values between SFCs if the material and material version are the same.</p> <p>FALSE (default): Clears check box values between SFCs.</p>
NEW_STATUS_ONLY	<p>TRUE: Requires the SFC to have a status of New.</p> <p>FALSE (default): Allows the SFC to have other statuses.</p>

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Rule	Setting
SCRAP_LOCATION_MODE	SCRAP_LOCATION (default): Allows the operator to scrap a location. UNSCRAP_LOCATION : Allows the operator to unscrap a location. BOTH : Allows the operator to both scrap and unscrap a location.

3.2.12 Serialize (PR550)

Rule	Setting
GENERATE_ID	TRUE : Automatically generates a new SFC number, using the SFC-Serialize next number pattern in Next Number Maintenance. FALSE (default): Prompts the operator for the new SFC number. <hr/> Note : If desired, you can use this number as a serial number for your product.

3.2.13 SFC Merge (PR580)

Rule	Setting
MERGE_ACROSS_OPERATIONS	TRUE : Allows merging SFCs currently at different operations. FALSE (default): Prevents merging of SFCs not at the same operation.
MERGE_ACROSS_ROUTINGS	TRUE : Allows merging SFCs currently at the same operation on different routings. FALSE (default): Prevents merging SFCs currently at the same operation on different routings.
MERGE_ACROSS_SHOPORDERS	TRUE : Allows merging SFCs from different shop orders. FALSE (default): Prevents merging SFCs from different shop orders.

3.2.14 SFC Merge Plug-in (PR581)

Rule	Setting
MERGE_ACROSS_OPERATIONS	TRUE : Allows merging SFCs currently at different operations. FALSE (default): Prevents merging of SFCs not at the same operation.
MERGE_ACROSS_ROUTINGS	TRUE : Allows merging SFCs currently at the same operation on different routings. FALSE (default): Prevents merging SFCs currently at the same operation on different routings.
MERGE_ACROSS_SHOPORDERS	TRUE : Allows merging SFCs from different shop orders. FALSE (default): Prevents merging SFCs from different shop orders.

3.2.15 SFC Quantity Adjustment (PR591)

The rule ALLOW_QTY_ADJUSTMENT is no longer used.

3.2.16 SFC Relabel (PR600)

Rule	Setting
AUTOMATIC_ID_GENERATION	TRUE : Automatically generates a new SFC number in SFC Relabel, using the SFC – Serialize next number pattern in Next Number Maintenance. The operator cannot assign a new SFC number. FALSE (default): Requires the operator to enter a number for a new SFC in SFC Relabel. The system does not generate the new SFC number.

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3.2.17 SFC Scrap/Delete (SU580)

Rule	Setting
SCRAP_COMPONENT_OPTION	SCRAP_AND_RETURN_COMP (default): Scraps the parent and returns child SFC components to the inventory. SCRAP_PARENT : Scraps only the parent SFC. The child components are intact. SCRAP_ALL : Scraps both the parent and child SFC components.
SCRAP_DEL_ACTIVE_SFC	YES (default): Allows an SFC with a status of Active to be scrapped or deleted. NO : Prevents an SFC with a status of Active from being scrapped or deleted.
SCRAP_DEL_DONE_SFC	YES (default): Allows an SFC with a status of Done to be scrapped or deleted. NO : Prevents an SFC with a status of Done from being scrapped or deleted.

3.2.18 SFC Split (PR570)

Rule	Setting
ALLOW_ACTIVE_SFC_SPLIT	TRUE (default): Allows an SFC with the status of Active to be split. FALSE : Prevents an SFC with the status of Active to be split.
AUTOMATIC_ID_GENERATION	TRUE : Automatically generates new SFC numbers in SFC Split, using the SFC-Serialize next number pattern in Next Number Maintenance. The operator cannot assign new SFC numbers. FALSE (default): Requires the operator to enter numbers for new SFCs in SFC Split. The system does not generate the new SFC numbers.

3.2.19 SFC Split Plug-in (PR571)

Rule	Setting
AUTOMATIC_ID_GENERATION	TRUE : Automatically generates new SFC numbers in SFC Split, using the SFC-Serialize next number pattern in Next Number Maintenance. The operator cannot assign new SFC numbers. FALSE (default): Requires the operator to enter numbers for new SFCs in SFC Split. The system does not generate the new SFC numbers.

3.2.20 Start By Material (PR505)

Rule	Setting
MAX_START_BY_MATERIAL_QTY	100 (default): Specifies the maximum number of materials a user may execute at one time.
START_BY_MATERIAL	TRUE (default): Allows the user to run Start By Material (PR505). FALSE : Prevents the user from running Start By Material (PR505).
START_SORT_CRITERIA	HIGH_SFC_PRIORITY : Starts the materials with the highest priority first. LOW_SFC_PRIORITY : Starts the materials with the lowest priority first. LONGEST_TIME_IN_QUEUE (default): Starts the materials that have been in queue the longest amount of time first. SHORTEST_TIME_IN_QUEUE : Starts the materials that have been in queue the shortest amount of time first.

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3.2.21 Pack/Unpack (PK020)

Rule	Setting
ACCESS_CLOSED_CONTAINERS	YES (default): Allows users access to closed containers. NO : Prevents users from access to closed containers.
ACCESS_OPEN_CONTAINERS	YES (default): Allows users access to open containers. NO : Prevents users from access to open containers.
ALLOW_ACTIVE_SFC	YES (default): Allows SFCs with a status of Active to be packed into or unpacked from a container. NO : Prevents SFCs with a status of Active to be packed into or unpacked from a container.
ALLOW_DONE_SFC	YES (default): Allows SFCs with a status of Done to be packed into or unpacked from a container. NO : Prevents SFCs with a status of Done to be packed into or unpacked from a container.
ALLOW_INQUE_SFC	YES (default): Allows SFCs with a status of In Queue to be packed into or unpacked from a container. NO : Prevents SFCs with a status of In Queue to be packed into or unpacked from a container.
ALLOW_PACK	YES (default): Allows users to pack containers. NO : Prevents users from packing containers.
ALLOW_UNPACK	YES (default): Allows users to unpack containers. NO : Prevents users from unpacking containers.
ERP_MATERIAL_FILTER	Related to SAP ERP integration. Defines which messages are sent to SAP ERP. The system will send confirmations and corresponding Goods Issued messages to SAP ERP if the SFC that is packed in the container meets one of the filters. Filters are separated by comma (,) and allow the use of wildcard (*). For example, *; MATERIAL1* , Material1* , TOP* . When the value is blank, no message is sent to SAP ERP.
ERP_OPERATION	Related to SAP ERP integration. Defines the Operation field in the confirmation message that is sent to SAP ERP when a container is closed. For example, ASSY or 50000242-1-0-0010
ERP_REPORTING_STEP	Related to SAP ERP integration. Defines the Reporting Step field in the confirmation message that is sent to SAP ERP when a container is closed. For example, 0010 or 0020
ERP_SEQUENCE	Related to SAP ERP integration. Defines the Sequence field in the confirmation message that is sent to SAP ERP when a container is closed. For example, 0 .

3.2.22 Work Instruction Viewer (WI500)

Rule	Setting
VIEWER_TWO_PANEL	YES : The work instruction viewer displays two panels with two work instructions simultaneously. NO (default): The work instruction viewer displays a single panel.

3.3 Hookable Activities with Activity Rules

The following hookable activities have activity rules:

- [Adjust Production End Time \(ADJUST_PROD_COMPLETE\)](#)
- [Adjust Production Start Time \(ADJUST_PROD_START\)](#)
- [ADS Document Print \(SY521\)](#)
- [Award Unclaimed Standards \(AWARD_UNCLAIMED_STDS\)](#)
- [Barcode Parser \(BARCODE_PARSER\)](#)
- [Check Configuration \(CT520\)](#)
- [Check Confirm Component \(CHECKCONFIRM_COMP\)](#)
- [Check Mask Validation \(EN521\)](#)
- [Check Next Number \(EN520\)](#)
- [Check Resource Setup \(CHECK_RESOURCE_SETUP\)](#)
- [Check SFCs for Open NCs \(NC520\)](#)
- [Document Print \(SY520\)](#)

The tables below describe the rules for hookable activities. For more information about hookable activities, see the SAP ME How-To-Guide Setting up Activity Hooks.

3.3.1 Adjust Production End Time (ADJUST_PROD_COMPLETE)

Rule	Setting
UNLOAD_TIME_PER_SFC	Specifies the adjustment to the unloading time, per SFC number, in seconds.

3.3.2 Adjust Production Start Time (ADJUST_PROD_START)

Rule	Setting
LOAD_TIME_PER_SFC	Specifies the adjustment to the loading time, per an SFC number, in seconds.

3.3.3 ADS Document Print (SY521)

Rule	Setting
PRINTER_NAME	Specifies the printer destination for the documents to be printed.

3.3.4 Award Unclaimed Standards (AWARD_UNCLAIMED_STDS)

Rule	Setting
CHECK_ALL_STDS_LAST_OPER	<p>TRUE: awards all unclaimed standards regardless of whether the operation is on the production routing or another type of routing.</p> <p>FALSE (default): Does not award all unclaimed standards at the last operation.</p> <p>Note that the hook is active only if the SFC number is at the last operation on the production routing.</p>

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3.3.5 Barcode Parser (BARCODE_PARSER)

Rule	Setting
DATA_FORMAT	Data format used for parsing (see Data Field Definition Maintenance in SAP ME online help). Default (also when the field is blank): 06 – ISO 15434 – Format 06

3.3.6 Check Configuration (CT520)

Rule	Setting
CHECK_ALL_COMP_LAST_OPER	TRUE (default): Checks for all unassembled components at the last operation regardless if the operation is on production routing. FALSE : Checks only the production routing the SFC is currently on for all unassembled components at the last operation.
CHECK_TIME_BASED	This rule is used in conjunction with the MISSING activity rule described in this table. Caution: Setting this rule to TRUE may decrease SAP ME performance. TRUE : Validates both time-based and discrete components FALSE (default): Validates only discrete components
EXCESS	TRUE (default): Fails the assembly when it contains components with a quantity in excess of the quantity specified in the BOM. FALSE : Allows excess components to remain on the assembly.
MISSING	TRUE (default): Fails the assembly when it contains components with a quantity that is less than the quantity specified in the BOM. FALSE : Allows the assembly to contain quantities of components less than the quantities specified in the BOM.
NON_BOM	TRUE (default): Fails the assembly when it contains any component not specified in the BOM. FALSE : Allows components that are not specified in the BOM to be used in the assembly.
TEST_PART	TRUE (default): Fails the assembly when it contains a BOM component identified as a test part. FALSE : Allows test part components to remain on the assembly.

3.3.7 Check Confirm Component (CHECKCONFIRM_COMP)

Check Confirm Component (CHECKCONFIRM_COMP) checks whether all Kit components have been confirmed before the SFC can proceed to the next operation.

Rule	Setting
CHECK_ALL_COMP_LAST_OPER	Determines whether the system should look for all unconfirmed components, regardless of operation, only if the SFC is at the last operation on the production routing. TRUE (default): Checks for all unconfirmed Kit components regardless of whether the Confirm operation is on the production routing. FALSE : Checks only for unconfirmed Kit components on Confirm

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	operations on the production routing.
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3.3.8 Check Mask Validation (EN521)

Check Mask Validation (EN521) performs mask validation on specified data element(s). Multiple fields may be validated by using a comma-delimited list. For example, set the rule to EXTERNAL_LOT, EXTERNAL_SERIAL to perform mask validation on both fields.

Rule	Setting
SERIAL_NUMBER_FIELD	SFC: Validates the entered SFC number. EXTERNAL_SERIAL: Validates the entered external serial number. EXTERNAL_LOT: Validates the entered external lot. VENDOR_LOT (default): Validates the entered vendor lot. VENDOR_DATE_CODE: Validates the entered vendor date code.

3.3.9 Check Next Number (EN520)

Check Next Number (EN520) compares the SFC with the SFC-release pattern defined in Next Number Maintenance. Depending on rule settings, it can also check the length of the entry.

Rule	Setting
CHECK_LENGTH	TRUE (default): Checks the total length, including any required prefix or suffix, of the entered SFC number. FALSE: Ignores the length of the entered SFC number.

3.3.10 Check Resource Setup (CHECK_RESOURCE_SETUP)

Rule	Setting
MATERIAL	YES: Validates Material values; if the material in Resource Setup and the one of the SFC number are different, does not allow an operator to start the SFC number NO (default): Does not perform this validation
SETUP_STATE	YES: Validates the Setup State of the resource; if the value is different from Setup, does not allow an operator to start the SFC number NO (default): Does not perform this validation
SHOP_ORDER	YES: Validates Shop Order values; if the shop order in Resource Setup and the one of the SFC number are different, does not allow an operator to start the SFC number NO (default): Does not perform this validation
SO_MATERIAL_MISSING	YES: Validates the Shop Order and Material values in Resource Setup; if both shop order and material are not present, does not allow an operator to start the SFC number NO (default): Does not perform this validation

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3.3.11 Check SFCs for Open NCs (NC520)

Rule	Setting
BOM_LEVEL_CHECK	<p>Specifies the number of BOM levels this activity will traverse to check for open NCs in lower level SFCs.</p> <p>0 (default): Indicates that only the parent SFC will be checked.</p>
NC_GROUP_PRIORITY_FILTER	<p>Specifies the numeric value that the activity will check against the NC Group priority value. If the open NC record is associated with an NC Code in the NC Group that has a priority value less than this NC_GROUP_PRIORITY_FILTER value, then the activity will not stop SFC processing (i.e. the SFC will be allowed to proceed and complete the current operation.)</p> <p>Valid values: 1-1000 Default: 500</p> <hr/> <p>Note: The NC Code filter value overrides this NC Group filter value.</p>
NC_PRIORITY_FILTER	<p>Specifies the numeric value that the activity will check against the NC Code priority value. If the open NC record is associated with an NC Code that has a priority value less than this NC_PRIORITY_FILTER value, then the activity will not stop SFC processing (i.e. the SFC will be allowed to proceed and complete the current operation.)</p> <p>Valid values: 1-1000 Default: 500</p> <p>1: Specifies that all open NC records will be checked.</p> <hr/> <p>Note: This filter value overrides the NC Group filter value.</p>

3.3.12 Document Print (SY520)

Rule	Setting
DOCUMENTS	<p>Blank (default): Disables printing.</p> <p>User-defined: Enter one or more names of documents you defined in Document Maintenance. If you enter more than one document name, separate the names with commas. Prints documents created in a third party printing package that you have set up at places where you set hook points to execute Document Print (SY520).</p> <p>LABEL: Prints the LABEL document that comes with the system at places where you set hook points to execute Document Print (SY520).</p>
PRINTER_NAME	The name of the printer to be used to print the documents.

3.3.13 Log Tool Check (LOG_TOOL_HOOK)

Rule	Setting
CHECK_OPTION	<p>DISCRETE: Prevents start or complete of an SFC number if at least one tool from discrete groups applicable to the SFC number at the current operation, resource or routing step has not been logged in <i>Log Tool Entry</i></p> <p>TIME_BASED: Prevents start or complete of an SFC number if at least one tool from time-based tool groups applicable to the SFC number at the current operation, resource, or routing step is not defined in <i>Resource Setup</i></p> <p>BOTH: Performs both DISCRETE and TIME_BASED validations and prevents start or complete of an SFC number if at least one of these validations fails</p>

3.4 Other Activities with Activity Rules

Some other activities in the system also have activity rules:

- [As-Built Configuration \(CT510\)](#)
- [BOM Maintenance \(PD050\)](#)
- [BOM Report \(PD100\)](#)
- [Change Production \(SU540\)](#)
- [Container Maintenance \(PK010\)](#)
- [Create Trackable SFC \(PR300\)](#)
- [Document Reprint \(SY510\)](#)
- [Dynamic Routing Maintenance \(SU640\)](#)
- [Load or Replenish \(EN531\)](#)
- [Maintain Floor Stock \(MAINTAIN_INVENTORY\)](#)
- [Open NC Summary Report \(NC760\)](#)
- [Pack/Unpack Standalone \(PK020\)](#)
- [POD Maintenance \(EN090\)](#)
- [Process Lot Maintenance \(PR560\)](#)
- [Resource Slot Config Setup \(EN530\)](#)
- [Routing Maintenance \(PD040\)](#)
- [RTW Consecutive NC Hold/Release \(CONSEC_NC_HOLD_REL\)](#)
- [RTW Yield Hold Release \(YIELD_HOLD_REL\)](#)
- [SFC Place Hold \(SU520\)](#)
- [SFC Selection \(PR630\)](#)
- [SFC Step Status \(SU500\)](#)
- [Shop Order Release \(DM510\)](#)
- [SPC Violation Hold/Release \(SPC_VIOL_HOLD_REL\)](#)
- [SPC Warning Hold/Release \(SPC_WARN_HOLD_REL\)](#)
- [User Preference Maintenance \(EN065\)](#)

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3.4.1 As-Built Configuration (CT510)

For more information, see the SAP ME online help for As-Built Configuration.

Rule	Setting
ALLOW_DONE_SFC	TRUE: Allows the user to modify SFCs with a Done status. FALSE (default): Does not allow the user to modify SFCs with a Done status.
ALLOW_NEW_SFC	TRUE: Allows the user to modify SFCs with a New status. FALSE (default): Does not allow the user to modify SFCs with a New status.
ALLOW_REMOVE_ALL	TRUE (default): Displays the Remove all assembled components action in the Actions window. FALSE: Does not display the Remove all assembled components action in the Actions window.
ALLOW_RETURN_COMPONENT	TRUE (default): Displays a button allowing the user to return a component to inventory when removing or replacing it. FALSE: Does not allow the user to return a component to inventory when removing or replacing it.
ALLOW_SCRAP_COMPONENT	TRUE (default): Displays a button allowing the user to scrap a component when removing or replacing it. FALSE: Does not allow the user to scrap a component when removing or replacing it.
ALLOW_SEND_TO_ROUTER	TRUE (default): Displays a button allowing the user to send a component to another routing when removing or replacing it. FALSE: Does not allow the user to send a component to another routing when removing or replacing it.
DISPLAY_BARCODE	YES: Displays a barcode entry field for choosing the component to assemble. NO (default): Does not display a barcode entry field.
EXPAND_DATA_UPON_RETRIEVE	TRUE (default): Displays the assembly data component tree in expanded view when the user retrieves component information. FALSE: Displays the assembly data component tree in collapsed view when the user retrieves component information.

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3.4.2 BOM Maintenance (PD050)

For more information, see the SAP ME online help for BOM Maintenance.

Rule	Setting
ASSY_SEQ_INCREMENT	<p>Controls the starting sequence and the increment value for the assembly sequence. The default value is 010.</p> <hr/> <p>Note: Accepted format – sequence string, comma separator and increment value. (For example 010,10 means the first Step ID will be 010, the next Step ID will be 020.) Increment and value must be the positive integers.</p> <hr/> <p>If the setting is blank (empty), use existing system-generated defaults for Step ID.</p>

3.4.3 BOM Report (PD100)

For more information, see the SAP ME online help for BOM Report.

Rule	Setting
DISPLAY_DEFAULT	<p>EXPANDED (default): Displays all configuration data within the application tree structure. COLLAPSED: Hides configuration data within the tree structure.</p>

3.4.4 Change Production (SU540)

For more information, see the SAP ME online help for Change Production.

Rule	Setting
ADJUST_ORDER_BUILD_QTY	<p>CHECKED (default): Adjusts the original shop order's build quantity down by the quantity of SFCs moved to the new shop order. UNCHECKED: Retains the original shop order's build quantity.</p>
ALLOW_DONE_SFCS	<p>TRUE: Allows production changes on SFCs with a Done status. FALSE (default): Does not allow production changes on SFCs with a Done status.</p>
ALLOW_RWK_SFC_RTR_CHG	<p>TRUE: Allows SFCs on a rework routing to move to a new rework routing. FALSE (default): Does not allow SFCs on a rework routing to move to a new rework routing.</p>
COMMENT_REQUIRED	<p>TRUE: Requires the user to enter comments in the Comments field on the Change Production window. FALSE (default): Does not require the user to enter comments in the Comments field on the Change Production window.</p>
DISPLAY_FUTURE_HOLD_INFO	<p>TRUE (default): Displays future hold information and the Details button on the SFC Disposition window. FALSE: Does not display future hold information and the Details button on the SFC Disposition window.</p>
ECO_REQUIRED	<p>TRUE: Requires the user to enter a value in the ECO field on the Change Production window. FALSE (default): Does not require the user to enter a value in the ECO field on the Change Production window.</p>

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3.4.5 Comment Report (DM710)

For more information, see the SAP ME online help for Comment Report.

Rule	Setting
EXPAND_DATA_UPON_RETRIEVE	YES (default): The SFC comment tree will be expanded when the report results are initially displayed NO : The SFC comment tree will not be expanded when the report results are initially displayed

3.4.6 Container Maintenance (PK010)

For more information, see the SAP ME online help for Container Maintenance.

Rule	Setting
MAXIMUM_QTY	YES (default): Requires the user to enter a value in the Maximum Qty field in Container Maintenance. NO : Does not require the user to enter a value in the Maximum Qty field in Container Maintenance.
MINIMUM_QTY	YES (default): Requires the user to enter a value in the Minimum Qty field in Container Maintenance. NO : Does not require the user to enter a value in the Minimum Qty field in Container Maintenance.

3.4.7 Create Trackable SFC (PR300)

For more information, see the SAP ME online help for Create Trackable SFC.

Rule	Setting
REQUIRE_SHOP_ORDER	TRUE : Requires the operator to enter a value in the Shop Order field in Create Trackable SFC. FALSE (default): Allows the operator to leave the Shop Order field in Create Trackable SFC blank.

3.4.8 Document Reprint (SY510)

For more information, see the SAP ME online help for Document Reprint.

Rule	Setting
DEFAULT_PRINT_BY	SFC (default): Displays SFC in the Print By field when the user accesses the Document Reprint activity. Shop Order : Displays Shop Order in the Print By field when the user accesses the Document Reprint activity. Process Lot : Displays Process Lot in the Print By field when the user accesses the Document Reprint activity. Container : Displays Container in the Print By field when the user accesses the Document Reprint activity.

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3.4.9 Dynamic Router Maintenance (SU640)

For more information, see the SAP ME How-To-Guide – Setting up Production Lines and the SAP ME online help for Dynamic Routing Maintenance.

Rule	Setting
STEP_START_SEQ_INCREMENT	<p>010,10 (default): Sets the starting step ID to 010 and the increment value to 10 for the routing steps.</p> <hr/> <p>Note: Starting sequence value must be a positive integer. Increment value must be a positive integer. Comma is the only valid separator.</p> <hr/> <p>If not defined, the existing system-generated defaults are used.</p>

3.4.10 Load or Replenish (EN531)

For more information, see the SAP ME online help for Slot Configuration Maintenance, Resource Slot Config Setup, and Load or Replenish.

Rule	Setting
ALLOW_SKIP	<p>TRUE: Allows the user to skip a component in sequence mode. FALSE (default): Prevents the user from skipping a component in sequence mode. Forces all components to be assembled according to the slot sequence.</p> <hr/> <p>Note: This rule is applies to both Basic and Advanced GUI mode.</p>
DISPLAY_REV_BASIC	<p>YES: Displays the required version field on the Basic Load or Replenish GUI. NO (default): Does not display the required version field on the Basic or Replenish GUI and always uses the current version of the component.</p>
HIDE_LOADED_ASSY_DATA	<p>TRUE (default): Does not display the assembly data field values during replenishment. FALSE: Does display the assembly data field values during replenishment.</p>
LOAD_OR_REPLENISH_GUI	<p>BASIC: If the user is loading or replenishing selected components, only the component table is displayed and the user is taken to the basic GUI. The Component Details and Assembly Data fields are not displayed. ADVANCED (default): Displays the advanced GUI. Displays the component table, component details and data fields for user entry.</p> <hr/> <p>Note: This activity rule should be set the same for EN530 and EN531.</p>
LOAD_OR_REPLENISH_MODE	<p>CHOOSE (default): Allows operators to load or replenish components for a slot configuration in any order. SEQUENCE: Requires the operators to load or replenish components for a Slot Configuration in sequence mode The system supplies the identifier for each slot.</p>

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3.4.11 Maintain Floor Stock (MAINT_INV)

Rule	Setting
ALLOW_STORAGE_LOC_MOVE	If set to YES (default), the storage location can be changed or moved to a different storage location
ALLOW_UPDATE_FLOOR_LIFE	If set to YES, allows you to edit the entry in the <i>Max Floor Life</i> field (TSM reset). When the user edits the <i>Maximum Floor Life</i> value for any inventory ID, the <i>Maximum Floor Life</i> value is validated as not exceeding the shelf life expiration date.
ALLOW_UPDATE_QTY_ON_HAND	If set to YES, allows you to edit the entry in the <i>Qty on Hand</i> field
AUTOMATIC_ID_GENERATION	If set to YES (default), the split inventory ID is automatically created according to next number definition
COMMENT_REQ	If set to YES (default), the user is required to enter a comment in the <i>Comment</i> field
DISPLAY_BARCODE	If set to YES, displays the <i>Barcode</i> field on the <i>Maintain Floor Stock</i> screen
INVENTORY_LOCATION_REQ	If set to YES, the user is required to provide location details for each inventory ID The <i>ERP Integration Active</i> system rule supersedes this activity rule (see ERP Integration Rules in the SAP ME online help). If the system rule is set to <i>true</i> , the <i>Storage Location</i> on the <i>Maintain Floor Stock</i> screen is a required field

3.4.12 Open NC Summary Report (NC760)

Rule	Setting
BOM_LEVEL_CHECK	Specifies the number of BOM levels this activity will traverse to check for open NCs in lower level SFCs. 0 (default): Indicates that only the parent SFC will be checked.

3.4.13 Pack/Unpack Standalone (PK020)

See the “POD Button Activities with Rules” section of this guide for the Pack/Unpack activity rules and settings.

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3.4.14 POD Maintenance (EN090)

For more information, see the SAP ME online help for Integrated POD.

Rule	Setting
ACTIVITY_SEQ_INCREMENT	<p>Controls the starting sequence and the increment value for the activity sequence. The default value is 010.</p> <hr/> <p>Note: Accepted format – sequence string, comma separator and increment value. For example 010,10 means the first Step ID will be 010, the next Step ID will be 020. Increment and value must be the positive integers.</p> <hr/> <p>If the setting is blank (empty), use existing system-generated defaults for Step ID.</p>
BUTTON_SEQ_INCREMENT	<p>Controls the starting sequence and the increment value for the button sequence. The default value is 010.</p> <hr/> <p>Note: Accepted format – sequence string, comma separator and increment value. For example 010,10 means the first Step ID will be 010, the next Step ID will be 020. Increment and value must be the positive integers.</p> <hr/> <p>If the setting is blank (empty), use existing system-generated defaults for Step ID.</p>

3.4.15 Process Lot Maintenance (PR560)

For more information, see the SAP ME online help for Process Lot Maintenance.

Rule	Setting
ALLOW_MIXED_ITEM	<p>YES (default): Allows multiple materials to be added to a process lot. NO: Prevents multiple materials from being added to a process lot.</p>
ALLOW_MIXED_OPERATION	<p>YES: Allows SFC(s) at different operations to be added to a process lot. NO (default): Prevents SFC(s) at different operations from being added to a process lot.</p>
ALLOW_MIXED_ROUTER	<p>YES: Allows SFC(s) on different routers to be added to a process lot. NO (default): Prevents SFC(s) on different routers from being added to a process lot.</p>
ALLOW_MIXED_SHOP ORDER	<p>YES (default): Allows SFC(s) on different shop orders to be added to a process lot. NO: Prevents SFC(s) on different shop orders from being added to a process lot.</p>
ALLOW_MIXED_STATUS	<p>YES: Allows SFC(s) with different statuses to be added to a process lot. NO (default): Prevents SFC(s) with different statuses from being added to a process lot.</p>

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3.4.16 Resource Slot Config Setup (EN530)

For more information, see the SAP ME online help for Slot Configuration Maintenance, Resource Slot Config Setup, and Load or Replenish.

Rule	Setting
ALLOW_SKIP	<p>TRUE: Allows the user to skip a component in sequence mode.</p> <p>FALSE (default): Prevents the user from skipping a component in sequence mode. Forces all components to be assembled according to the slot sequence.</p> <hr/> <p>Note: This rule is applies to both Basic and Advanced GUI mode.</p>
CONFLICTBOM	<p>TRUE (default): Saves the proposed slot configuration even though the slot configuration setup has a conflict with the BOM that was used</p> <p>FALSE: Does not save the proposed slot configuration when the slot configuration has a conflict with the BOM that was used.</p>
DISPLAY_REV_BASIC	<p>TRUE: Displays the required version field on the Basic Load or Replenish GUI.</p> <p>FALSE (default): Does not display the required version field on the Basic or Replenish GUI and always uses the current version of the component.</p>
EXCESSBOM	<p>TRUE (default): Saves the proposed slot configuration when a slot configuration contains a slot/component that does not exist in the BOM that was used.</p> <p>FALSE: Does not save the proposed slot configuration when a slot configuration contains a slot/component that does not exist in the BOM that was used.</p>
HIDE_LOADED_ASSY_DATA	<p>TRUE: Does not display the assembly data field values during replenishment.</p> <p>FALSE (default): Does display the assembly data field values during replenishment.</p>
KEEP_ASSY_DATA	<p>TRUE (default): Carries assembly data from a previous resource slot config setup forward to a proposed slot configuration.</p> <p>FALSE: Does not carry assembly data from a previous resource slot config setup forward to a proposed slot configuration.</p>
LOAD_OR_REPLENISH_GUI	<p>BASIC: If the user is loading or replenishing selected components, only the component table is displayed and the user is taken to the basic GUI. (The Component Details and Assembly Data fields are not displayed.)</p> <p>ADVANCED (default): Displays the advanced GUI. Displays the component table, component details and data fields for user entry.</p> <hr/> <p>Note: This activity rule should be set the same for EN530 and EN531.</p>
LOAD_OR_REPLENISH_MODE	<p>CHOOSE (default): Allows operators to load or replenish components for a slot configuration in any order.</p> <p>SEQUENCE: Requires the operators to load or replenish components for a Slot Configuration in sequence mode The system supplies the identifier for each slot.</p>

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Rule	Setting
MISSINGBOM	<p>TRUE (default): Saves the proposed slot configuration when a component in the BOM that was used is missing from the slot configuration setup.</p> <p>FALSE: Does not save the proposed slot configuration when a component in the BOM that was used is missing from the slot configuration setup.</p>

3.4.17 Routing Maintenance (PD040)

For more information, see the SAP ME How-To-Guide – Setting up Production Lines and the SAP ME online help for Routing Maintenance.

Rule	Setting
STEP_START_SEQ_INCREMENT	<p>010,10 (default): Sets the starting step ID to 010 and the increment value to 10 for the routing steps.</p> <hr/> <p>Note: Starting sequence value must be a positive integer. Increment value must be a positive integer. Comma is the only valid separator.</p> <hr/> <p>If not defined, the existing system-generated defaults are used.</p>

3.4.18 Consec NC Operation Hold (CONSEC_NC_OP_HOLD)

For more information, see the SAP ME How-To-Guide – Message Board and the SAP ME online help for Message Board and Message Type Maintenance.

Rule	Setting
HOLD_OPERATION_STATUS	<p>HOLD_CONSEC_NC_0 (default): Places the operation in a Hold Consecutive NC status.</p> <p>201: Places the operation in a Releasable status.</p> <p>202: Places the operation in a Frozen status.</p> <p>203: Places the operation in an Obsolete status.</p> <p>204: Places the operation in a Hold status.</p> <p>205: Places the operation in a New status.</p> <p>HOLD_YIELD_RATE_O: Places the operation in a Hold Yield Rate status.</p> <p>HOLD_SPC_WARN_O: Places the operation in a Hold SPC Warning status.</p> <p>HOLD_SPC_VIOL_O: Places the operation in a Hold SPC Violation status.</p> <hr/> <p>Note: For more information on operation statuses, see Operation Maintenance in the SAP ME online help.</p>

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3.4.19 Consec NC Resource Hold (CONSEC_NC_RES_HOLD)

For more information, see the SAP ME How-To-Guide – Message Board and the SAP ME online help for Message Board and Message Type Maintenance.

Rule	Setting
HOLD_RESOURCE_STATUS	<p>HOLD_CONSEC_NC_R (default): Places the resource in a Hold Consecutive NC status.</p> <p>0: Places the resource in an Unknown status.</p> <p>1: Places the resource in a Productive status.</p> <p>2: Places the resource in a Standby status.</p> <p>3: Places the resource in an Engineering status.</p> <p>4: Places the resource in a Scheduled Down status.</p> <p>5: Places the resource in an Unscheduled Down status.</p> <p>6: Places the resource in a Non-Scheduled Down status.</p> <p>301: Places the resource in an Enabled status.</p> <p>302: Places the resource in a Disabled status.</p> <p>303: Places the resource in a Hold status.</p> <p>HOLD_YLD_RATE_R: Places the resource in a Hold Yield Rate status.</p> <p>HOLD_SPC_WARN_R: Places the resource in a Hold SPC Warning status.</p> <p>HOLD_SPC_VIOL_R: Places the resource in a Hold SPC Violation status.</p> <hr/> <p>Note: For more information on resource statuses, see Resource Maintenance in the SAP ME online help.</p>

3.4.20 Yield Operation Hold (YIELD_OP_HOLD_)

For more information, see the SAP ME How-To-Guide – Message Board and the SAP ME online help for Message Type Maintenance.

Rule	Setting
HOLD_OPERATION_STATUS	<p>HOLD_YIELD_RATE_O (default): Places the operation in a Hold Yield Rate status.</p> <p>201: Places the operation in a Releasable status.</p> <p>202: Places the operation in a Frozen status.</p> <p>203: Places the operation in an Obsolete status.</p> <p>204: Places the operation in a Hold status.</p> <p>205: Places the operation in a New status.</p> <p>HOLD_CONSEC_NC_O: Places the operation in a Hold Consecutive NC status.</p> <p>HOLD_SPC_WARN_O: Places the operation in a Hold SPC Warning status.</p> <p>HOLD_SPC_VIOL_O: Places the operation in a Hold SPC Violation status.</p> <hr/> <p>Note: For more information on operation statuses, see Operation Maintenance in the SAP ME online help.</p>

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3.4.21 Yield Resource Hold (YIELD_RES_HOLD_)

For more information, see the SAP ME How-To-Guide – Message Board and the SAP ME online help for Message Type Maintenance.

Rule	Setting
HOLD_RESOURCE_STATUS	<p>HOLD_YLD_RATE_R (default): Places the resource in a Hold Yield Rate status.</p> <p>0: Places the resource in an Unknown status.</p> <p>1: Places the resource in a Productive status.</p> <p>2: Places the resource in a Standby status.</p> <p>3: Places the resource in an Engineering status.</p> <p>4: Places the resource in a Scheduled Down status.</p> <p>5: Places the resource in an Unscheduled Down status.</p> <p>6: Places the resource in a Non-Scheduled Down status.</p> <p>301: Places the resource in an Enabled status.</p> <p>302: Places the resource in a Disabled status.</p> <p>303: Places the resource in a Hold status.</p> <p>HOLD_CONSEC_NC_R: Places the resource in a Hold Consecutive NC status.</p> <p>HOLD_SPC_WARN_R: Places the resource in a Hold SPC Warning status.</p> <p>HOLD_SPC_VIOL_R: Places the resource in a Hold SPC Violation status.</p> <hr/> <p>Note: For more information on resource statuses, see Resource Maintenance in the SAP ME online help.</p>

3.4.22 SFC Place Hold (SU520)

For more information, see the SAP ME online help for SFC Place Hold.

Rule	Setting
ALLOW_FHOLD	<p>YES (default): Allows SFCs to be placed on future hold.</p> <p>NO: Prevents SFCs from being placed on future hold.</p>
HOLD_COMMENT_REQ	<p>YES (default): Requires a comment when placing SFCs on immediate hold or future hold.</p> <p>NO: Does not require a comment when placing SFCs on immediate hold or future hold.</p>
SIGNOFF_SFC	<p>YES (default): Places SFC(s) that are Active when placed on immediate hold back in Queue.</p> <p>NO: Does not place SFC(s) that are Active when placed on immediate hold back in Queue.</p>

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3.4.23 SFC Selection (PR630)

For more information, see the SAP ME online help for SFC Selection.

Rule	Setting
SFC_SELECTION_REQ	<p>YES: Requires the selection of SFC from the SFC Selection activity. NO (default): Does not require the selection of SFC from the SFC Selection activity. Allows the user to select the SFC from the Task List in POD.</p> <hr/> <p>Note: The OPERATION_LIST_REQ activity rule must be set to NO.</p>
OPERATION_LIST_REQ	<p>YES (default): Requires the user to choose the Operation List button from the SFC Selection activity to select the operation to work at. NO: Allows the user to select the POD button.</p>

3.4.24 SFC Step Status (SU500)

For more information, see the SAP ME online help for SFC Step Status.

Rule	Setting
ALLOW_FHOLD_SFC	<p>YES: Allows an SFC at an operation that is on hold to pass the operation. NO (default): Prevents an SFC at an operation that is on hold to pass the operation or change the step status.</p>
ALLOW_HOLD_SFC	<p>YES: Allows an SFC to be modified if it is on hold. NO (default): Prevents an SFC from being modified if it is on hold.</p>
ALLOW_HOLD_SFC_DONE	<p>YES: Allows an SFC that is on hold to be marked as Done. NO (default): Prevents an SFC that is on hold to be marked as Done.</p>
ALLOW_NEW_SFC	<p>YES (default): Allows an SFC that is New to be modified. NO: Prevents an SFC that is New to be modified.</p>
ALLOW_SFC_MARKED_DONE	<p>YES (default): Allows an SFC to be marked as Done using SFC Step Status. NO: Prevents an SFC to be marked as Done using SFC Step Status.</p>

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Rule	Setting
COMMENT_REQUIRED	<p>YES: Requires a comment be entered in the Comment area of the SFC Step Status.</p> <p>NO (default): Does not require a comment be entered in the Comment area of the SFC Step Status.</p>

3.4.25 Shop Order Release (DM510)

For more information, see the SAP ME online help for Shop Order Release.

Rule	Setting
CUSTOMER_MODIFY	<p>YES (default): Allows the operator to modify the Customer field.</p> <p>NO: Prevents the operator from modifying the Customer field.</p>
CUSTOMER_ORDER_MODIFY	<p>YES (default): Allows the operator to modify the Customer Order field.</p> <p>NO: Prevents the operator from modifying the Customer Order field.</p>
LCC_MODIFY	<p>YES (default): Allows the operator to modify the Labor Charge Code (LCC) field.</p> <p>NO: Prevents the operator from modifying the LCC field.</p>
PLANNED_BOM_MODIFY	<p>YES (default): Allows the operator to modify the BOM and Version fields.</p> <p>NO: Prevents the operator from modifying the BOM and Version fields.</p>
PLANNED_END_MODIFY	<p>YES (default): Allows the operator to modify the Planned Completion Date field.</p> <p>NO: Prevents the operator from modifying the Planned Completion Date field.</p>
PLANNED_ITEM_MODIFY	<p>YES (default): Allows the operator to modify the Planned Material and Version fields.</p> <p>NO: Prevents the operator from modifying the Planned Material and Version fields.</p>
PLANNED_ROUTER_MODIFY	<p>YES (default): Allows the operator to modify the Planned Router and Version fields.</p> <p>NO: Prevents the operator from modifying the Planned Router and Version fields.</p>
PLANNED_START_MODIFY	<p>YES (default): Allows the operator to modify the Planned Start date field.</p> <p>NO: Prevents the operator from modifying the Planned Start date field.</p>

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Rule	Setting
PLANNED_WORK_CENTER_MODIFY	YES (default): Allows the operator to modify the Planned Work Center field. NO : Prevents the operator from modifying the Planned Work Center field.
PRIORITY_MODIFY	YES (default): Allows the operator to modify the Priority field. NO : Prevents the operator from modifying the Priority field.
SCHEDULED_START_MODIFY	YES (default): Allows the operator to modify the Scheduled Start date field. NO : Prevents the operator from modifying the Scheduled Start date field.
SCHEDULED_END_MODIFY	YES (default): Allows the operator to modify the Scheduled End date field. NO : Prevents the operator from modifying the Scheduled End date field.

3.4.26 SPC Violation Operation Hold (SPC_VIOL_OP_HOLD)

For more information, see the SAP ME How-To-Guide – Message Board and the SAP ME online help for Message Type Maintenance.

Rule	Setting
HOLD_OPERATION_STATUS	<p>HOLD_SPC_VIOL_O (default): Places the operation in a Hold SPC Violation status.</p> <p>201: Places the operation in a Releasable status.</p> <p>202: Places the operation in a Frozen status.</p> <p>203: Places the operation in an Obsolete status.</p> <p>204: Places the operation in a Hold status.</p> <p>205: Places the operation in a New status.</p> <p>HOLD_CONSEC_NC_O: Places the operation in a Hold Consecutive NC status.</p> <p>HOLD_YIELD_RATE_O: Places the operation in a Hold Yield Rate status.</p> <p>HOLD_SPC_WARN_O: Places the operation in a Hold SPC Warning status.</p> <hr/> <p>Note: For more information on operation statuses, see Operation Maintenance in the SAP ME online help.</p>

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3.4.27 SPC Violation Resource Hold (SPC_VIOL_RES_HOLD)

For more information, see the SAP ME How-To-Guide – Message Board and the SAP ME online help for Message Type Maintenance.

Rule	Setting
HOLD_RESOURCE_STATUS	<p>HOLD_SPC_VIOL_R (default): Places the resource in a Hold SPC Violation status.</p> <p>0: Places the resource in an Unknown status.</p> <p>1: Places the resource in a Productive status.</p> <p>2: Places the resource in a Standby status.</p> <p>3: Places the resource in an Engineering status.</p> <p>4: Places the resource in a Scheduled Down status.</p> <p>5: Places the resource in an Unscheduled Down status.</p> <p>6: Places the resource in a Non-Scheduled Down status.</p> <p>301: Places the resource in an Enabled status.</p> <p>302: Places the resource in a Disabled status.</p> <p>303: When the resource is on hold, places the resource in a Hold status.</p> <p>HOLD_CONSEC_NC_R: Places the resource in a Hold Consecutive NC status.</p> <p>HOLD_YLD_RATE_R: Places the resource in a Hold Yield Rate status.</p> <p>HOLD_SPC_WARN_R: Places the resource in a Hold SPC Warning status.</p> <hr/> <p>Note: For more information on resource statuses, see Resource Maintenance in the SAP ME online help.</p>

3.4.28 SPC Warning Operation Hold (SPC_WARN_OP_HOLD_)

For more information, see SAP ME How-To-Guide – Message Board and the SAP ME online help for Message Type Maintenance.

Rule	Setting
HOLD_OPERATION_STATUS	<p>HOLD_SPC_WARN_O (default): Places the operation in a Hold SPC Warning status.</p> <p>201: Places the operation in a Releasable status.</p> <p>202: Places the operation in a Frozen status.</p> <p>203: Places the operation in an Obsolete status.</p> <p>204: Places the operation in a Hold status.</p> <p>205: Places the operation in a New status.</p> <p>HOLD_CONSEC_NC_O: Places the operation in a Hold Consecutive NC status.</p> <p>HOLD_YIELD_RATE_O: Places the operation in a Hold Yield Rate status.</p> <p>HOLD_SPC_VIOL_O: Places the operation in a Hold SPC Violation status.</p> <hr/> <p>Note: For more information on operation statuses, see Operation Maintenance in the SAP ME online help.</p>

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3.4.29 SPC Warning Resource Hold (SPC_WARN_RES_HOLD_)

For more information, see SAP ME How-To-Guide – Message Board and the SAP ME online help for Message Type Maintenance.

Rule	Setting
HOLD_RESOURCE_STATUS	<p>HOLD_SPC_WARN_R (default): Places the resource in a Hold SPC Warning status.</p> <p>0: Places the resource in an Unknown status.</p> <p>1: Places the resource in a Productive status.</p> <p>2: Places the resource in a Standby status.</p> <p>3: Places the resource in an Engineering status.</p> <p>4: Places the resource in a Scheduled Down status.</p> <p>5: Places the resource in an Unscheduled Down status.</p> <p>6: Places the resource in a Non-Scheduled Down status.</p> <p>301: Places the resource in an Enabled status.</p> <p>302: Places the resource in a Disabled status.</p> <p>303: Places the resource in a Hold status.</p> <p>HOLD_CONSEC_NC_R: Places the resource in a Hold Consecutive NC status.</p> <p>HOLD_YLD_RATE_R: Places the resource in a Hold Yield Rate status.</p> <p>HOLD_SPC_VIOL_R: Places the resource in a Hold SPC Violation status.</p> <hr/> <p>Note: For more information on resource statuses, see Resource Maintenance in the SAP ME online help.</p>

3.4.30 User Preference Maintenance (EN065)

For more information, see the SAP ME online help for User Preference Maintenance.

Rule	Setting
DEFAULT_ACTIVITY	Specifies the default activity used by the system if the user has not defined it in User Preference Maintenance.
DEFAULT_DISPLAY	<p>EXPANDED (default): Displays all activity groups and activities within the application tree structure upon login.</p> <p>COLLAPSED: Displays only activity groups within the application tree structure upon login. The user will have to expand each group manually to view activities.</p>

4 Integration

Not Applicable

5 Setting up Products

Not Applicable

6 Usage Scenario Examples

None provided

7 Links to Additional Information

[SAP ME online Help](#)

8 Other Reference Material

SAP ME How-To-Guide – POD

SAP ME How-To-Guide – Setting up Activity Hooks

SAP ME How-To-Guide – Setting up Production Lines

9 Overview of Changes

Not applicable