SAP Manufacturing Execution

How-To Guide



How To Set Up and Use Activity Rules in SAP ME

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Document History

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1.1	Updated CT520	Chet Moutrie
1.2	Minor correction for PR560 Process Lot activity	Chet Moutrie
1.3	Added CT511, Auto Change WIP, Log Tool and an activity list	Chet Moutrie
1.4	Clarified AUTH_REQUIRED rule for Labor On and Labor Off	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

1.4 Activity List

Adjust Production End Time (ADJUST_PROD_COMPLETE)
Adjust Production Start Time (ADJUST_PROD_START)
ADS Document Print (SY521)
As-Built Configuration (CT510)
Assembly Point (CT500)
Auto Change WIP (AUTO_CHANGE_WIP)
Award Unclaimed Standards (AWARD_UNCLAIMED_STDS)
Barcode Parser (BARCODE_PARSER)
BOM Maintenance (PD050)
BOM Report (PD100)
Change Equipment Status (CHG_EQUIP_STATUS)
Change Production (SU540)
Change User Labor Charge Code (LT240)
Change User Password Plugin (UME_SELF_SER_PLUGIN)
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)
Clock In/Out (LT210)
Collect Parent Serial Number (PR555)
Complete (PR510)
Component List (COMP_LIST_DISPLAY)
Consecutive NC Operation Hold (CONSEC_NC_OP_HOLD)
Consec NC Resource Hold (CONSEC_NC_RES_HOLD)
Container Maintenance (PK010)
Create Message (CREATE_MESS_PLUGIN)
Create Trackable SFC (PR300)
Data Collection (DC500)
Data Collection List (DC_LIST_DISPLAY)
Data Collection Standalone (DC550)
Data Field Assignment Maintenance (SY130)
Data Field Definition Maintenance (SY160)
Document Print (SY520)
Document Reprint (SY510)
Dynamic Routing Maintenance (SU640)
Earned Standards (EARNED_STANDARDS)
ECO Processing (SU610)
Floor Stock Receipt (IN500)
Labor Off (LT380)
Labor On (LT370)
Load CNC Plug-in (LOAD_CNC_PLUGIN)

Load CNC Program Hook (LOAD_CNC_HOOK)
Load or Replenish (EN531)
Log Buyoff (LOG_BUYOFF)
Log Codes (LOG_CODES)
Log NC (NC500)
Log NC Reject (LOGNC_REJECT)
Log Tool (LOG_TOOL)
Log Tool Check (LOG_TOOL_HOOK)
Maintain Floor Stock (MAINTAIN_INVENTORY)
Message Board Selection Panel (MESSAGE_BOARD_PANEL)
Message List (MESSAGE_BOARD_LIST)
MII Transaction Extension (MII_TRANS_EXT)
MII Transaction Plug-in (MII_TRANS_PLUGIN)
Model Viewer (MODEL_VIEWER)
NC_Chart (NC_CHART)
NC Data Entry (NC_DATA_ENTRY)
NC Selection (NC_SELECTION)
NC Tree (NC_TREE)
Open NC Summary Report (NC760)
Operation List (OPER_LIST_DISPLAY)
Operation Release Hold (OP_HOLD_RELEASE)
Pack/Unpack (PK020)
Pack/Unpack Standalone (PK020)
Pass (PR510Q)
Perform Sampling (QM020)
POD Maintenance (EN090)
Post Split / Serialize – Copy NC Data (NC999)
Process Lot (PR560)
Process Workflow Maintenance (PROCESS_WF)
Reject Buyoff (REJECT_BUYOFF)
Resource Release Hold (RES_HOLD_RELEASE)
Resource Slot Config Setup (EN530)
Routing Maintenance (PD040)
Sample Inspection Lot (QM030)
Scrap Location (SU590)
Serialize (PR550)
SFC Data Entry (SFC_DATA_ENTRY)
SFC Merge (PR580)
SFC Merge Plug-in (PR581)
SFC Place Hold (SU520)
SFC Quantity Adjustment (PR591)
SFC Relabel (PR600)
SFC Scrap/Delete (SU580)
SFC Selection (PR630)

SFC Split (PR570)
SFC Split Plug-in (PR571)
SFC Step Status (SU500)
Shop Floor Change Request Plug-in (SU630)
Shop Order Maintenance (DM010)
Shop Order Release (DM510)
Shop Order Report (DM730)
Shop Workbench (SHOP_WB_PLUGIN)
Signoff (PR520)
SPC Violation Operation Hold (SPC_VIOL_OP_HOLD)
SPC Violation Resource Hold (SPC_VIOL_RES_HOLD)
SPC Warning Operation Hold (SPC_WARN_OP_HOLD)
SPC Warning Resource Hold (SPC_WARN_RES_HOLD)
Standalone As-Built Plug-In (CT511)
Standalone NC Logging (NC540)
Start (PR500)
Start By Material (PR505)
Supervisor Time Edit and Approval (LT260)
Supervisor Work Assignment (PR610)
Time Sensitive Material Check In/Out (TSM_CHECK_IN_OUT)
Tool Group List (TOOL_LIST_DISPLAY)
User Preference Maintenance (EN065)
Work Instruction List (WI_LIST_DISPLAY)
Work Instruction Viewer (WI500)
Work List Display (WORKLIST_DISPLAY)
Yield Operation Hold (YIELD_OP_HOLD)
Yield Resource Hold (YIELD_RES_HOLD)

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.

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)
- Change Equipment Status (CHG_EQUIP_STATUS)
- Change User Labor Charge Code (LT240)
- Change User Password Plugin (UME_SELF_SER_PLUGIN)
- Clock In/Out (LT210)
- Collect Parent Serial Number (PR555)
- Complete (PR510)
- Component List (COMP_LIST_DISPLAY)
- Create Message (CREATE_MESS_PLUGIN)
- Data Collection (DC500)
- Data Collection List (DC_LIST_DISPLAY)
- Data Collection Standalone (DC550)
- Earned Standards (EARNED_STANDARDS)
- ECO Processing (SU610)
- Labor Off (LT380)
- Labor On (LT370)
- Load CNC Plug-in (LOAD_CNC_PLUGIN)
- Log Buyoff (LOG_BUYOFF)
- Log Codes (LOG_CODES)
- Log NC (NC500)
- Log NC Reject (LOGNC_REJECT)
- Log Tool (LOG_TOOL)
- Message Board Selection Panel (MESSAGE_BOARD_PANEL)
- Message List (MESSAGE_BOARD_LIST)
- MII Transaction Plug-in (MII_TRANS_PLUGIN)
- Model Viewer (MODEL_VIEWER)
- NC_Chart (NC_CHART)
- NC Data Entry (NC_DATA_ENTRY)
- NC Selection (NC_SELECTION)

- NC Tree (NC_TREE)
- Operation List (OPER_LIST_DISPLAY)
- Pack/Unpack (PK020)
- Pass (PR510Q)
- Perform Sampling (QM020)
- Reject Buyoff (REJECT_BUYOFF)
- Sample Inspection Lot (QM030)
- Scrap Location (SU590)
- Serialize (PR550)
- SFC Data Entry (SFC_DATA_ENTRY)
- 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)
- Shop Floor Change Request Plug-in (SU630)
- Shop Workbench (SHOP_WB_PLUGIN)
- Signoff (PR520)
- Standalone As-Built Plug-In (CT511)
- Standalone NC Logging (NC540)
- Start (PR500)
- Start By Material (PR505)
- Time Sensitive Material Check In/Out (TSM_CHECK_IN_OUT)
- Tool Group List (TOOL_LIST_DISPLAY)
- Work Instruction List (WI_LIST_DISPLAY)
- Work Instruction Viewer (WI500)
- Work List Display (WORKLIST_DISPLAY)

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.

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 the entry of assembly data values for a component row in *Sequence* mode and enforces the components to be assembled according to the BOM sequence **NO** (default): Prevents the operator from skipping 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. **CHOOSE_AUTO_NEXT**: The next non-assembled component by assembly sequence is automatically selected in the *Component List* during the assembly operation. The first component is selected by the user and then the system automatically goes to the next component based upon the assembly sequence in the BOM on the *Assemble Components* screen.
AUTO_ADD_ON_TABOUT	**YES**: Automatically adds the component when the user tabs out of the last text field. **NO** (default): No automatic add on tab out.
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 SFCs have an overall status of Active **FALSE**: Does not perform the validation; the selected SFCs can have any status and do not need to be at the assembly operation.
PLUGIN_URL	Specifies the Assembly Point plug-in location in the SAP ME folder structure Default value: /COM/SAP/ME/PRODUCTION/CLIENT/ASSEMBLECOMPONENTS.JSP

3.2.2 Change Equipment Status (CHG_EQUIP_STATUS)

Rule	Setting
COMMENT_REQUIRED	**YES**: An entry is required in the Comments area. **NO** (default): The Comments area can be left blank.
REASON_CODE_REQUIRED	**YES** (default): An entry is required in the Reason Code field. **NO**: The Reason Code field can be left blank.
DISPLAY_RESOURCE	**YES** (default): *Resource* option will be displayed in the *Select By* drop-down field. **NO**: *Resource* option will not be included in the *Select By* drop-down field.

Rule	Setting
DISPLAY_WORK_CENTER	**YES** (default): *Work Center* option will be displayed in the *Select By* drop-down field. **NO**: *Work Center* option will not be included in the *Select By* drop-down field.
DISPLAY_TOOL_GROUP	**YES** (default): *Tool Group* option will be displayed in the *Select By* drop-down field. **NO**: *Tool Group* option will not be included in the *Select By* drop-down field.

3.2.3 Change User Labor Charge Code (LT240)

PLUGIN_URL	The location of the Change User Labor Charge Code plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/LABOR/CLIENT/CHANGEUSERLABORCHARGECODE.JSP

3.2.4 Change User Password Plugin (UME_SELF_SER_PLUGIN)

Rule	Setting
EXTERNAL_URL	The url for the UME Self Service plug-in for user password change Default: http://%SERVER%:%PORT%/webdynpro/dispatcher/sap.com/tc~sec~ume~wd~enduser/UmeEnduserApp
PLUGIN_URL	The location of the Change User Password plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/WPMF/CLIENT/EXTERNALACTIVITYPLUGIN.JSP

3.2.5 Clock In/Out (LT210)

Rule	Setting
PLUGIN_URL	The location of the Clock In/Out plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/LABOR/CLIENT/CLOCKINCLOCKOUT.JSP

3.2.6 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.

3.2.7 Complete (PR510)

Rule	Setting
CONFIRM_PROCESSLOT_OPTIONS	**REMOVE**: Removes selected SFCs from the process lot and completes them **CANCEL**: Does not remove the selected SFCs from the process lot and does not complete them **CONTINUE**: Completes the selected SFCs without removing them from the process lot Default value: CONTINUE, REMOVE, CANCEL Note that if there are multiple setting values, the question dialog appears

Rule	Setting
	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. **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.
IGNORE_NOT_ACTIVE	**YES** (default): Ignores the SFCs that are not Active at the selected operation, and looks at the CONFIRM_PROCESSLOT_OPTIONS activity rule to determine how to process selected SFCs that are *Active* at the operation for a process lot. This rule also applies when a shop order is used as the input. **NO**: Displays an error message and ignores any SFCs if any selected SFC is not Active at the operation for a process lot. This rule also applies to a shop order.
QUICK_COMPLETE	**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. **FALSE** (default): Tells the system that the operator has completed the selected SFC, shop order, or process lot.
RETURN_AUTO_MERGE	**NEVER** (default): Does not automatically merge the quantity of an SFC that was automatically split off during nonconformance dispositioning. **ASK**: Presents a dialog box that allows the operator to merge the quantity of an SFC that was automatically split off during nonconformance dispositioning. Applicable only to routings with relaxed routing flow. **ALWAYS**: Automatically merges the quantity of an SFC that was automatically split off during nonconformance dispositioning. Applicable only to routings with relaxed routing flow.

3.2.8 Component List (COMP_LIST_DISPLAY)

Rule	Setting
DATA_ENTRY_PLUGIN_ID	The activity ID for the component list plug-in activity for the POD Default: CT500

3.2.9 Create Message (CREATE_MESS_PLUGIN)

Rule	Setting
MATERIAL	If set to **YES**, the *Material* field appears on the *Create Message* screen. Default value: **YES**
OPERATION	If set to **YES**, the *Operation* field appears on the *Create Message* screen. Default value: **YES**
RESOURCE	If set to **YES**, the *Resource* field appears on the *Create Message* screen. Default value: **YES**
SFC	If set to **YES**, the *SFC* field appears on the *Create Message* screen. Default value: **YES**
WORK_CENTER	If set to **YES**, the *Work Center* field appears on the *Create Message* screen. Default value: **YES**

3.2.10 Data Collection (DC500)

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

3.2.11 Data Collection List (DC_LIST_DISPLAY)

Rule	Setting
AUTO_NEXT	**YES**: The next DC group is automatically displayed in the DC Group plug-in. **NO** (default): The next available, unselected DC group is automatically displayed in the DC Group plug-in.
DATA_ENTRY_PLUGIN_ID	The activity ID for the Data Collection plug-in activity for the POD Default: DC500

3.2.12 Data Collection Standalone (DC550)

Rule	Setting
AUTO_NEXT	**YES**: The next DC group is automatically displayed in the DC Group plug-in. **NO** (default): The next available, unselected DC group is automatically displayed in the DC Group plug-in.
PLUGIN_URL	The location of the data collection standalone DC group list for the POD in the ME folder structure. Default: /COM/SAP/ME/DATACOLLECTION/CLIENT/DCGROUPLISTSTANDALONE.JSP

3.2.13 Earned Standards (EARNED_STANDARDS)

Rule	Setting
AUTHORIZED_PERFORM_UNCLAIM	If set to **TRUE**, allows the user of this activity to perform the *Unclaim* action Default value: **FALSE**
AUTO_AWARD_SETUP	**YES** (Default): If any runtime standards are claimed, then all unclaimed setup standards are automatically awarded by the system. **NO**: The claiming of runtime standards does not automatically award unclaimed setup standards.
PLUGIN_URL	The location of the Earned Standards plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/SCHEDULINGSTANDARDS/CLIENT/EARNEDSTANDARDSVIEWER.JSP

3.2.14 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	**TRUE** (default): Adjusts the original shop order build quantity down to the number of SFCs affected by the ECO once the ECO is activated. **FALSE**: Does not adjust the original shop order build quantity down when the ECO is activated.

3.2.15 Labor Off (LT380)

Rule	Setting
AUTH_REQUIRED	**YES**: Allows the current logged on user to labor off or to labor off another user by entering the user's ID and password, or for a different user to labor off, via a pop-up dialog **NO** (default): Automatically labors off the currently logged on user Note: You must create this activity rule in *Activity Maintenance* manually as follows: 1. In *Activity Maintenance*, retrieve the activity. 2. On the *Rules* tab page, choose *Insert New*, and enter the rule name AUTH_REQUIRED and either YES or NO in the *Setting* field. 3. Save your entries.

ALLOW_ELAPSED TIME_EXCESS	**YES**: In *Collect Work Time*, the system does not validate the total entered values against the *Time Elapsed* value. **NO**: In *Collect Work Time*, the system validates the total entered values against the *Time Elapsed* value; if the total exceeds the *Time Elapsed* value, the system does not allow you to save the data.
DISPLAY_PLANNED_TIME	**YES:** In Collect Work Time, planned distributed labor time values are displayed as a hint. **NO** (default): In Collect Work Time, planned distributed labor time values are not displayed.
PLUGIN_URL	Specifies the Labor Off plug-in location in the SAP ME folder structure Default value: /COM/SAP/ME/LABOR/CLIENT/COLLECTWORKTIMEPLUGIN.JSP

3.2.16 Labor On (LT370)

Rule	Setting
AUTH_REQUIRED	**YES**: Allows the current logged on user to labor on or to labor on another user by entering the user's ID and password, or for a different user to labor on, via a pop-up dialog **NO** (default): Automatically labors on currently logged on user Note: You must create this activity rule in *Activity Maintenance* manually as follows: 1. In *Activity Maintenance*, retrieve the activity. 2. On the *Rules* tab page, choose *Insert New*, and enter the rule name AUTH_REQUIRED and either YES or NO in the *Setting* field. 3. Save your entries.

3.2.17 Load CNC Plug-in (LOAD_CNC_PLUGIN)

Rule	Setting
LOAD_TYPE	**FULL_LOAD** (Default): ??? **FALSE**: ???

3.2.18 Log Buyoff (LOG_BUYOFF)

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

3.2.19 Log Codes (LOG_CODES)

Rule	Setting
REQ_CAUSE_CLEAR	If set to TRUE, requires the *Cause* to be entered Default value: TRUE
REQ_RESOLUTION_CLEAR	If set to TRUE, requires the *Resolution* to be entered Default value: TRUE
REQ_CORRECTIVE_ACTION_CLEAR	If set to TRUE, requires the *Corrective Action Code* to be entered Default value: TRUE
PLUGIN_URL	The location of the Log Codes plug-in activity in the ME folder structure. Default: /COM/SAP/ME/MESSAGING/CLIENT/LOGCODES.JSP

3.2.20 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.

3.2.21 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.

Rule	Setting
PLUGIN_URL	The location of the Log NC Reject plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/NONCONFORMANCE/CLIENT/LOGNCREJECT.JSP
DEFAULT_NC_CODE	**REQUIRED** (default): Displays red asterisk to indicate that an NC code is required for this activity. **OPTIONAL**: Indicates that an NC code is optional. **NONE**: Indicates that the Log NC Reject window is not displayed and the reject happens automatically and the default NC Code "Comment" is logged.

3.2.22 Log Tool (LOG_TOOL)

Rule	Setting
PLUGIN_URL	The location of the Log Tool plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/TOOLING/CLIENT/LOGTOOLINGVIEW.JSP

3.2.23 Message Board Selection Panel (MESSAGE_BOARD_PANEL)

Rule	Setting
PLUGIN_URL	The location of the Message Board List plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/MESSAGING/CLIENT/MESSAGEBOARDSELECTION.JSP

3.2.24 Message List (MESSAGE_BOARD_LIST)

Rule	Setting
PLUGIN_URL	The location of the Message Board List plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/MESSAGING/CLIENT/MESSAGEBOARDLIST.JSP

3.2.25 MII Transaction Plug-in (MII_TRANS_PLUGIN)

Rule	Setting
INPUT_XML_PARAM_NAME	??? Default value: INPUT_XML
OUPUT_XML_PARAM_NAME	??? Default value: OUTPUT_XML
PARAMETERS	Parameters for the MII Transaction
TRANSACTION_NAME	The name of the MII Transaction

3.2.26 Model Viewer (MODEL_VIEWER)

Rule	Setting
PLUGIN_URL	The location of the VTR model viewer plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/PRODUCTION/CLIENT/VTRVIEW.JSP

3.2.27 NC Chart (NC_CHART)

Rule	Setting
PLUGIN_URL	The location of the NC Chart plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/NONCONFORMANCE/CLIENT/NCCHART.JSP

3.2.28 NC Data Entry (NC_DATA_ENTRY)

Rule	Setting
ALLOW_PARTIAL	**YES:** Allows logging an NC code against a partial quantity for the SFC. **NO** (default): NC codes are logged against the entire SFC quantity.
WORK_INSTR_PLUGIN_ID	The activity ID for the work instruction display plug-in for the POD Default: WI_LIST_DISPLAY

3.2.29 NC Selection (NC_SELECTION)

Rule	Setting
DATA_ENTRY_PLUGIN_ID	The activity ID for the NC Data Entry plug-in for the POD Default: NC_DATA_ENTRY

3.2.30 NC Tree (NC_TREE)

Rule	Setting
PLUGIN_URL	The location of the NC Tree plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/NONCONFORMANCE/CLIENT/NCDISPLAY.JSP

3.2.31 Operation List (OPER_LIST_DISPLAY)

Rule	Setting
PLUGIN_URL	The location of the Operation List plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/PRODUCTION/PODCLIENT/OPERATIONLIST.JSP

3.2.32 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.
AUTO_COMPLETE_SFC	If set to **YES**, automatically completes SFCs in the *Active* status when the user chooses *Done* or *Close*. If the SFC was started manually and this activity rule is set to **YES**, the system automatically completes this SFC when the user chooses *Add*. The default value: **NO**
AUTO_START_SFC	If set to **YES**, automatically starts the SFC by a user who opened the *Pack/Unpack* activity, when the SFC is scanned or passed in and the user chooses *Add*. The default value: **NO**
ERP_ITEM_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**

Rule	Setting
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**.
SFC_MUST_BE_AT_OPERATION	YES: Allows the user to pack only SFCs that have the *In Queue* or *Active* status into the container. NO (default): Allows the user to pack SFCs in any status into the container at any operation. Note: This activity rule applies only to the Pack/Unpack activity when it is used in the POD.

3.2.33 Pass (PR510Q)

Rule	Setting
CONFIRM_PROCESSLOT_OPTIONS	Applies when some, but not all, SFCs in a process lot are being passed. **REMOVE**: Removes the selected SFCs from the process lot and passes them **CANCEL**: Does not remove the selected SFCs from the process lot and does not pass them **CONTINUE**: Passes the selected SFCs 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.
QUICK_COMPLETE	**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. **FALSE**: Tells the system that the operator has completed the selected SFC, shop order, or process lot.

3.2.34 Perform Sampling (QM020)

Rule	Setting
GENERATE_ID	**YES** (default)**:** Sample SFC numbers for non-serialized SFCs are automatically generated and displayed as read-only. **NO**: User can manually enter SFC numbers.
PLUGIN_URL	The location of the Sampling plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/NONCONFORMANCE/CLIENT/REJECTBUYOFF.JSP

3.2.35 Reject Buyoff (REJECT_BUYOFF)

Rule	Setting
DEFAULT_NC_CODE	**YES:** Allows logging an NC code against a partial quantity for the SFC. **NO** (default): NC codes are logged against the entire SFC quantity.
PLUGIN_URL	The location of the Reject Buyoff plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/NONCONFORMANCE/CLIENT/REJECTBUYOFF.JSP

3.2.36 Sample Inspection Lot (QM030)

Rule	Setting
ALLOW_SKIP	**YES:** User is allowed to skip inspection of the group. **NO** (default): User is not allowed to skip inspection of the group.
PLUGIN_URL	The location of the Sample Inspection Lot plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/SAMPLING/CLIENT/INSPECTIONLOTPLUGIN.JSP

3.2.37 Scrap Location (SU590)

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

3.2.38 Serialize (PR550)

Rule	Setting
GENERATE_ID	**TRUE**: Automatically generates a new SFC, using the SFC-Serialize next number pattern in Next Number Maintenance. **FALSE** (default): Prompts the operator for the new SFC number. **Note**: If desired, you can use this number as a serial number for your product.
PLUGIN_URL	The location of the Serialize plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/PRODUCTION/CLIENT/SFCSERIALIZEPLUGIN.JSP
QTY_IS_ALWAYS_1	**TRUE**: Ignores the value in the Quantity field in the POD and creates a new SFC number for a single piece of the *Active* or *In Queue* SFC. If GENERATE_ID is true, the SFC number is generated using the *SFC-Serialize* next number pattern in Next Number Maintenance. **FALSE** (default): Creates a new SFC number for each piece specified by the value in the Quantity field in the POD. If GENERATE_ID is true, the SFC numbers are generated using the *SFC-Serialize* next number pattern in Next Number Maintenance.

3.2.39 SFC Data Entry (SFC_DATA_ENTRY)

Rule	Setting
EDIT_ALLOWED	**YES** (default): You can edit *SFC Data* values and review change history **NO**: If SFC data has been collected, you cannot open *SFC Data Entry* to edit collected values.
PLUGIN_URL	The location of the Serialize plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/PRODUCTION/CLIENT/SFCDATAPLUGIN.JSP

3.2.40 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.

3.2.41 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.

3.2.42 SFC Quantity Adjustment (PR591)

The rule ALLOW_QTY_ADJUSTMENT is no longer used.

3.2.43 SFC Relabel (PR600)

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

3.2.44 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.
SCRAP_OR_DELETE	**DELETE**: Only displays the option to delete SFCs while using *SFC Scrap/Delete* **SCRAP**: Only displays the option to scrap SFCs while using *SFC Scrap/Delete* **BOTH** (default): Displays the option to delete or scrap SFCs while using *SFC Scrap/Delete*

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

3.2.46 SFC Split Plug-in (PR571)

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

3.2.47 Shop Floor Change Request Plug-in (SU630)

Rule	Setting
PLUGIN_URL	The location of the shop floor change request plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/PRODUCTION/CLIENT/SHOPFLOORCHANGEREQUEST.JSP

3.2.48 Shop Workbench (SHOP_WB_PLUGIN)

Rule	Setting
BUYOFF_DISPLAY	If set to **YES** (default), displays the *Buyoffs* node under the operation node

Rule	Setting
BUYOFF_ROW_LIMIT	Sets the row limit for buyoffs when displayed as a node in the *Shop Workbench* Default value: 100
COMPONENT_DISPLAY	If set to **YES** (default), displays the *Components* node under the operation node
COMPONENT_ROW_LIMIT	Sets the row limit for components when displayed as a node in the *Shop Workbench* Default value: 100
DC_DISPLAY	If set to **YES** (default), displays the *Data Collections* node under the operation node
DC_ROW_LIMIT	Sets the row limit for data collection when displayed as a node in the *Shop Workbench* Default value: 100
OPER_ROW_LIMIT	Sets the row limit for operations when displayed as a node in the *Shop Workbench* Default value: 100
PLUGIN_URL	Specifies the Shop Workbench plug-in location in the SAP ME folder structure Default value: /COM/SAP/ME/PRODUCTION/CLIENT/WORKBENCHPLUGIN.JSP
TOOL_DISPLAY	If set to **YES** (default), displays the *Tools* node under the operation node
TOOL_ROW_LIMIT	Sets the row limit for tools when displayed as a node in the *Shop Workbench* Default value: 100
WI_DISPLAY	If set to **YES** (default), displays the *Work Instructions* node under the operation node
WI_ROW_LIMIT	Sets the row limit for work instructions when displayed as a node in the *Shop Workbench* Default value: 100

3.2.49 Signoff (PR520)

Rule	Setting
CONFIRM_PROCESSLOT_OPTIONS	Applies when some, but not all, SFCs in a process lot are being signed off. **REMOVE**: Removes the selected SFCs from the process lot and signs them off. **CANCEL**: Does not remove the selected SFCs from the process lot and does not sign them off. **CONTINUE**: Signs off the selected SFCs 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

Rule	Setting
IGNORE_NOT_ACTIVE	**YES** (default): Ignores the SFCs that are not Active at the selected operation, and looks at the CONFIRM_PROCESSLOT_OPTIONS activity rule to determine how to process selected SFCs that are *Active* at the operation for a process lot. This rule also applies when a shop order is used as the input. **NO**: Displays an error message and ignores any SFCs if any selected SFC is not Active at the operation for a process lot. This rule also applies to a shop order.

3.2.50 Standalone As-Built Plug-In (CT511)

Rule	Setting
ALLOW_DONE_SFC	If set to TRUE, allows the user to modify SFC numbers that have the *Done* status
ALLOW_NEW_SFC	If set to TRUE, allows the user to modify SFC numbers that have the *New* status
ALLOW_REMOVE_ALL	If set to TRUE (default), displays the *Remove All Assembled Components* action on the *Actions* screen
ALLOW_RETURN_COMPONENT	If set to TRUE (default), displays a button allowing the user to return a component to floor stock when removing or replacing it
ALLOW_SCRAP_COMPONENT	If set to TRUE (default), displays a button allowing the user to scrap a component when removing or replacing it
ALLOW_SEND_TO_ROUTER	If set to TRUE (default), displays a button allowing the user to send a component to another routing when removing or replacing it
COMPONENT_FILTER_REQUIRED	If set to TRUE, the user must enter a value in the *Filter by Component* field before choosing *Retrieve*. The default value is FALSE.
DISPLAY_BARCODE	If set to YES, displays the *Barcode* field on the *Add*, *Remove*, or *Replace* screen
EXPAND_DATA_UPON_RETRIEVE	TRUE (default): Displays the assembly data component tree in an expanded view or displays all BOM Component and Actual Component assembled when the user retrieves SFC as built record FALSE: Displays the assembly data component tree in a collapsed view or only BOM component level when the user retrieves component information
PLUGIN_URL	The location of the standalone as-built plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/PRODUCTION/CLIENT/ASBUILTCONFIGURATIONPLUGIN.JSP
USE_COMPONENT_FILTER	If set to TRUE, the system displays the *Filter by Component* field instead of the *Find Component* to filter BOM components. The default value: FALSE

3.2.51 Standalone NC Logging (NC540)

Rule	Setting
NC_CLIENT	The activity ID for the NC client plug-in for the POD Default: FAILURE_TRACKING_STANDALONE
OPERATION_REQUIRED	**TRUE** (default): A valid entry in the Operation field is required. **FALSE**: The Operation field can be left blank.
RESOURCE_REQUIRED	**TRUE** (default): A valid entry in the Resource field is required. **FALSE**: The Resource field can be left blank.

3.2.52 Start (PR500)

Rule	Setting
CONFIRM_PROCESSLOT_OPTIONS	Applies when some, but not all, SFCs in a process lot are being started. **REMOVE**: Removes the selected SFCs from the process lot and starts them. **CANCEL**: Does not remove the selected SFCs from the process lot and does not start them. **CONTINUE**: Starts the selected SFCs 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_NOT_INQUEUE	**YES:** Ignores the SFCs that are not in queue at the selected operation, and looks at the CONFIRM_PROCESSLOT_OPTIONS activity rule to determine how to process selected SFCs that are *InQueue* at the operation for a process lot. This rule also applies when a shop order is used as the input. **NO** (default): Displays an error message and ignores any SFCs if any selected SFC is not in queue at the operation for a process lot. This rule also applies to a shop order.
MAX_START_BY_ITEM_QTY	**100** (default): Specifies the maximum number of materials a user may execute at one time.
START_BY_ITEM	**YES**: Allows the user to run Start By Material (PR505). **NO** (default): 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.

3.2.53 Start By Material (PR505)

Rule	Setting
CONFIRM_PROCESSLOT_OPTIONS	Applies when some, but not all, SFCs in a process lot are being started. **REMOVE**: Removes the selected SFCs from the process lot and starts them. **CANCEL**: Does not remove the selected SFCs from the process lot and does not start them. **CONTINUE**: Starts the selected SFCs 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_NOT_INQUEUE	**YES:** Ignores the SFCs that are not in queue at the selected operation, and looks at the CONFIRM_PROCESSLOT_OPTIONS activity rule to determine how to process selected SFCs that are *InQueue* at the operation for a process lot. This rule also applies when a shop order is used as the input. **NO** (default): Displays an error message and ignores any SFCs if any selected SFC is not in queue at the operation for a process lot. This rule also applies to a shop order.
MAX_START_BY_ITEM_QTY	**100** (default): Specifies the maximum number of materials a user may execute at one time.
START_BY_ITEM	**YES** (default): Allows the user to run Start By Material (PR505). **NO**: 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.

3.2.54 Time Sensitive Material Check In/Out (TSM_CHECK_IN_OUT)

Rule	Setting
PLUGIN_URL	The location of the TSM Check In/Out plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/INVENTORY/CLIENT/TSMPLUGIN.JSP

3.2.55 Tool Group List (TOOL_LIST_DISPLAY)

Rule	Setting
LOG_TOOL_PLUGIN_ID	The activity ID for the Tool List plug-in for the POD Default: LOG_TOOL

3.2.56 Work Instruction List (WI_LIST_DISPLAY)

Rule	Setting
DATA_ENTRY_PLUGIN	The activity ID of the WI List plug-in for the POD. Default value: WI500

3.2.57 Work Instruction Viewer (WI500)

Rule	Setting
AUTO_DISPLAY_REQUIRED	**YES**: The work instruction viewer displays all work instructions marked as Required if there is no work instruction currently selected in the Work Instruction List plug-in. **NO** (default): The work instruction viewer does not automatically display the Required work instructions.
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.

3.2.58 Work List Display (WORKLIST_DISPLAY)

Rule	Setting
PLUGIN_URL	The location of the worklist plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/PRODUCTION/PODCLIENT/WORKLIST.JSP

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)
- Auto Change WIP (AUTO_CHANGE_WIP)
- 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)
- Log Tool Check (LOG_TOOL_HOOK)
- Load CNC Program Hook (LOAD_CNC_HOOK)
- MII Transaction Extension (MII_TRANS_EXT)
- Post Split / Serialize – Copy NC Data (NC999)

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, in seconds. Default value: 5

3.3.2 Adjust Production Start Time (ADJUST_PROD_START)

Rule	Setting
LOAD_TIME_PER_SFC	Specifies the adjustment to the loading time per SFC, in seconds. Default value: 5

3.3.3 ADS Document Print (SY521)

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

3.3.4 Auto Change WIP (AUTO_CHANGE_WIP)

Rule	Setting
EXCEED_BUILD_QTY	**YES**: Allows the system to assign an SFC number to a new *Repetitive* shop order even if the build quantity is exceeded. **NO** (default): Prevents the system from assigning an SFC number to a new *Repetitive* shop order if the build quantity is exceeded.

3.3.5 Award Unclaimed Standards (AWARD_UNCLAIMED_STDS)

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

3.3.6 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

3.3.7 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.

Rule	Setting
CHECK_CURRENT _OPER_ONLY	**TRUE**: Checks only at the current assembly operation. **FALSE** (default): Checks all assembly operations on the current routing up to the current step.
CHECK_OPERATIONS	**User-defined**: Enter a comma-delimited list of assembly operations. Checks only the specified list of assembly operations. Ignores CHECK_CURRENT_OPER_ONLY and CHECK_ALL_COMP_LAST_OPER. **Blank** (default): Checks all operations on the current routing up to the current step.
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.
USE_QTY_ADJUST_TOLERANCE	**TRUE:** Fails the check if the SFC contains assembled component quantity not within the range set by the last SFC quantity adjustment. MISSING must be set to TRUE. **FALSE (default):** If MISSING is set to TRUE, validates the assembled quantity against the quantity specified in the BOM. **Note:** If EXCESS and MISSING are set to FALSE, does not validate assembly quantity.

3.3.8 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 operations on the production routing.

3.3.9 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. **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.

3.3.10 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. **FALSE**: Ignores the length of the entered SFC.

3.3.11 Check Resource Setup (CHECK_RESOURCE_SETUP)

Rule	Setting
CHECK_SLOT_BOM_QUANTITY	**YES:** Validates that the SFC BOM components are loaded on a slot and that there is at least one loaded *Active* inventory ID with slot quantity greater than zero and in the *Available* status. **NO** (default): Does not perform this validation
CHECK_SLOT_QUANTITY	**YES**: Validates that there is at least one loaded *Active* inventory ID with slot quantity greater than zero and in the *Available* status. **NO** (default): Does not perform this validation
MATERIAL	**YES**: Validates Material values; if the material in Resource Setup and the one of the SFC are different, does not allow an operator to start the SFC

Rule	Setting
	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 **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 are different, does not allow an operator to start the SFC **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 **NO** (default): Does not perform this validation

3.3.12 Check SFCs for Open NCs (NC520)

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.
NC_GROUP_PRIORITY_FILTER	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.) Valid values: **1-1000** Default: **500** **Note**: The NC Code filter value overrides this NC Group filter value.
NC_PRIORITY_FILTER	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.) Valid values: **1-1000** Default: **500** **1**: Specifies that all open NC records will be checked. **Note**: This filter value overrides the NC Group filter value.

3.3.13 Document Print (SY520)

Rule	Setting
DOCUMENTS	**Blank**: Disables printing. **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). **LABEL**: Prints the LABEL document that comes with the system at places where you set hook points to execute Document Print (SY520). Default value: BASE_LABEL_DOC,BASE_PACKING_LIST_DOC,BASE_SHOP_ORDER_TRAVELER_DOC,BASE_SFC_TRAVELER_DOC,BASE_ROUTER_DOC,BASE_CONTAINER_DOC,BASE_PARAMETRIC_DOC,BASE_NC_DOC,BASE_SFC_ASSEMBLY_DOC,BASE_CERT_OF_COMPL_DOC
PRINTER_NAME	The name of the printer to be used to print the documents.

3.3.14 Log Tool Check (LOG_TOOL_HOOK)

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

3.3.15 Load CNC Hook (LOAD_CNC_HOOK)

Rule	Setting
LOAD_TYPE	**FULL_LOAD** (Default): ??? **FALSE**: ???

3.3.16 MII Transaction Extension (MII_TRANS_EXT)

Rule	Setting
INPUT_XML_PARAM_NAME	??? Default value: INPUT_XML
OUPUT_XML_PARAM_NAME	??? Default value: OUPUT_XML

3.3.17 Post Split / Serialize – Copy NC Data (NC999)

Rule	Setting
ALWAYS_COPY_IF_ANY_LOC	**TRUE** (Default): ??? **FALSE**: ???

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)
- Consecutive NC Operation Hold (CONSEC_NC_OP_HOLD)
- Consec NC Resource Hold (CONSEC_NC_RES_HOLD)
- Container Maintenance (PK010)
- Create Trackable SFC (PR300)
- Data Field Assignment Maintenance (SY130)
- Data Field Definition Maintenance (SY160)
- Document Reprint (SY510)
- Dynamic Routing Maintenance (SU640)
- Floor Stock Receipt (IN500)
- Load or Replenish (EN531)
- Maintain Floor Stock (MAINTAIN_INVENTORY)
- Open NC Summary Report (NC760)
- Operation Release Hold (OP_HOLD_RELEASE)
- Pack/Unpack Standalone (PK020)
- POD Maintenance (EN090)
- Process Lot (PR560)
- Process Workflow Maintenance (PROCESS_WF)
- Resource Release Hold (RES_HOLD_RELEASE)
- Resource Slot Config Setup (EN530)
- Routing Maintenance (PD040)
- SFC Place Hold (SU520)
- SFC Selection (PR630)
- SFC Step Status (SU500)
- Shop Order Maintenance (DM010)
- Shop Order Release (DM510)
- Shop Order Report (DM730)
- SPC Violation Operation Hold (SPC_VIOL_OP_HOLD)
- SPC Violation Resource Hold (SPC_VIOL_RES_HOLD)
- SPC Warning Operation Hold (SPC_WARN_OP_HOLD)
- SPC Warning Resource Hold (SPC_WARN_RES_HOLD)
- Supervisor Time Edit and Approval (LT260)
- Supervisor Work Assignment (PR610)
- User Preference Maintenance (EN065)
- Yield Operation Hold (YIELD_OP_HOLD)
- Yield Resource Hold (YIELD_RES_HOLD)

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.
COMPONENT_FILTER_REQUIRED	**TRUE:** An entry is required in the Find Component filter field. **FALSE** (default): The Find Component filter field can be left blank.
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.
PLUGIN_URL	The location of the As-Built Configuration plug-in for the POD in the ME folder structure. Default: /COM/SAP/ME/PRODUCTION/CLIENT/ASBUILTCONFIGURATIONPLUGIN.JSP
USE_COMPONENT_FILTER	**TRUE:** The Find Component filter field will be used in the search. **FALSE** (default): The Find Component filter field will not be used in the search.

3.4.2 BOM Maintenance (PD050)

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

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

3.4.3 BOM Report (PD100)

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

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

3.4.4 Change Production (SU540)

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

Rule	Setting
ALLOW_DONE_SFCS	**TRUE**: Allows production changes on SFCs with a Done status. **FALSE** (default): Does not allow production changes on SFCs with a Done status.
ADJUST_ORDER_BUILD_QTY	**CHECKED:** Adjusts the original shop order's build quantity down by the quantity of SFCs moved to the new shop order. **UNCHECKED** (default): Retains the original shop order's build quantity.
ALLOW_PACKED_SFCS	**TRUE**: Allows production changes on SFCs already packed in a container. **FALSE** (default): Does not allow production changes on SFCs with a Done status.
ALLOW_RWK_SFC_RTR_CHG	**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.
COMMENT_REQUIRED	**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.
DISPLAY_FUTURE_HOLD_INFO	**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.

Rule	Setting
ECO_REQUIRED	**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.

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

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

3.4.8 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.

3.4.9 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.

3.4.10 Data Field Assignment Maintenance (SY130)

Rule	Setting
LIST_SEQ_INCREMENT	Controls the starting sequence and the increment value for the data field assignment list. The default value is 010,010 **Note**: Accepted format – sequence string, comma separator and increment value. (For example 010,010 means the first sequence number will be 010, the next sequence number will be 020.) Increment and value must be the positive integers. If the setting is blank (empty), use existing system-generated defaults for sequence value.

3.4.11 Data Field Definition Maintenance (SY160)

Rule	Setting
LIST_SEQ_INCREMENT	Controls the starting sequence and the increment value for the data field list. The default value is 010,010 **Note**: Accepted format – sequence string, comma separator and increment value. (For example 010,010 means the first sequence number will be 010, the next sequence number will be 020.) Increment and value must be the positive integers. If the setting is blank (empty), use existing system-generated defaults for sequence value.

3.4.12 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.

3.4.13 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	**010,10** (default): Sets the starting step ID to 010 and the increment value to 10 for the routing steps. **Note**: Starting sequence value must be a positive integer. Increment value must be a positive integer. Comma is the only valid separator. If not defined, the existing system-generated defaults are used.

3.4.14 Floor Stock Receipt (IN500)

Rule	Setting
APPLY _ALL_DATA	YES (default): The floor stock data fields are enabled in *Floor Stock Receipt* and values entered in these fields are applied to all inventory IDs created, except for the data updated on the *Inventory ID Details* screen. NO: The floor stock data fields are disabled in *Floor Stock Receipt* and the user is required to enter the data for each inventory ID on the *Inventory ID Details* screen. Note that this only applies to data fields that are applicable to more than one inventory ID.
AUTOMATIC_ID_GENERATION	**YES:** The system will automatically generate the inventory ID based upon the next number definition for Floor Stock Receipt. **NO** (default): The user must assign an inventory ID.
DISPLAY_BARCODE	**YES**: Displays a barcode entry field for choosing the component to receive. **NO** (default): Does not display a barcode entry field.
INVENTORY_LOCATION_REQ	**YES:** A valid entry is required in the Inventory Location field. **NO** (default): The Inventory Location field can be blank.

3.4.15 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	**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. **Note**: This rule is applies to both Basic and Advanced GUI mode.
DISPLAY_REV_BASIC	**TRUE**: Displays the required version field on the Basic Load or Replenish GUI. **FALSE** (default): Does not display the required version field on the Basic or Replenish GUI and always uses the current version of the component.
HIDE_LOADED_ASSY_DATA	**TRUE** (default): Does not display the assembly data field values during replenishment. **FALSE**: Does display the assembly data field values during replenishment.
LOAD_OR_REPLENISH_GUI	**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. **Note**: This activity rule should be set the same for EN530 and EN531.

Rule	Setting
LOAD_OR_REPLENISH_MODE	**CHOOSE**: Allows operators to load or replenish components for a slot configuration in any order. **SEQUENCE** (default): Requires the operators to load or replenish components for a Slot Configuration in sequence mode The system supplies the identifier for each slot.

3.4.16 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 *Max Floor Life* field (TSM reset). When the user edits the *Maximum Floor Life* value for any inventory ID, the *Maximum Floor Life* 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 *Qty on Hand* 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 *Comment* field
DISPLAY_BARCODE	If set to YES, displays the *Barcode* field on the *Maintain Floor Stock* screen
INVENTORY_LOCATION_REQ	If set to YES, the user is required to provide location details for each inventory ID The *ERP Integration Active* system rule supersedes this activity rule (see ERP Integration Rules in the SAP ME online help). If the system rule is set to *true*, the *Storage Location* on the *Maintain Floor Stock* screen is a required field
LABEL_DOCUMENT	You can specify which document or label to print without using any other activity IDs. *Blank* (default): Disables printing *User-defined*: Prints documents created in a third-party printing package that the user has set up The user can enter one or more names of documents defined in *Document Maintenance* Label: Prints the *LABEL* document that comes with the system

3.4.17 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. **2** (default): Indicates that the parent SFC, the child and the grandchild BOM levels will be checked.

3.4.18 Operation Release Hold (OP_HOLD_RELEASE)

Rule	Setting
RELEASE_OPERATION_STATUS	The status code for the operation after the Hold is released. Default value: 201

3.4.19 Pack/Unpack Standalone (PK020)

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

3.4.20 POD Maintenance (EN090)

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

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

3.4.21 Process Lot (PR560)

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

Rule	Setting
ALLOW_MIXED_ITEM	**YES** (default): Allows multiple materials to be added to a process lot. **NO**: Prevents multiple materials from being added to a process lot.
ALLOW_MIXED_OPERATION	**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.
ALLOW_MIXED_ROUTER	**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.

ALLOW_MIXED_SHOP ORDER	**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.
ALLOW_MIXED_STATUS	**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.

3.4.22 Process Workflow Maintenance (PROCESS_WF)

Rule	Setting
SEQ_INCREMENT	Controls the starting sequence and the increment value for the workflow activity sequence. The default value is 010,010. **Note**: Accepted format – sequence string, comma separator and increment value. For example 010,10 means the first sequence number will be 010, the next sequence number will be 020. Increment and value must be the positive integers. If the setting is blank (empty), use existing system-generated defaults for sequence numbers.

3.4.23 Resource Release Hold (RES_HOLD_RELEASE)

Rule	Setting
RELEASE_RESOURCE_STATUS	The status code for the resource after the Hold is released. Default value: 301

3.4.24 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	**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. **Note**: This rule is applies to both Basic and Advanced GUI mode.
CONFLICTBOM	**TRUE** (default): Saves the proposed slot configuration even though the slot configuration setup has a conflict with the BOM that was used **FALSE**: Does not save the proposed slot configuration when the slot configuration has a conflict with the BOM that was used.
DISPLAY_REV_BASIC	**TRUE**: Displays the required version field on the Basic Load or Replenish GUI. **FALSE** (default): Does not display the required version field on the Basic or Replenish GUI and always uses the current version of the component.

Rule	Setting
EXCESSBOM	**TRUE** (default): S aves the proposed slot configuration when a slot configuration contains a slot/component that does not exist in the BOM that was used. **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.
HIDE_LOADED_ASSY_DATA	**TRUE**: Does not display the assembly data field values during replenishment. **FALSE** (default): Does display the assembly data field values during replenishment.
KEEP_ASSY_DATA	**TRUE**: Carries assembly data from a previous resource slot config setup forward to a proposed slot configuration. **FALSE** (default): Does not carry assembly data from a previous resource slot config setup forward to a proposed slot configuration.
LOAD_OR_REPLENISH_GUI	**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. **Note**: This activity rule should be set the same for EN530 and EN531.
LOAD_OR_REPLENISH_MODE	**CHOOSE**: Allows operators to load or replenish components for a slot configuration in any order. **SEQUENCE** (default): Requires the operators to load or replenish components for a Slot Configuration in sequence mode The system supplies the identifier for each slot.
MISSINGBOM	**TRUE** (default): Saves the proposed slot configuration when a component in the BOM that was used is missing from the slot configuration setup. **FALSE**: Does not save the proposed slot configuration when a component in the BOM that was used is missing from the slot configuration setup.

3.4.25 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	Starting step number and increment value **010,10** (default): Sets the starting step ID to 010 and the increment value to 10 for the routing steps. **Note**: Starting sequence value must be a positive integer. Increment value must be a positive integer. Comma is the only valid separator. If not defined, the existing system-generated defaults are used.
ERP_REP_STEP_STARTSEQ_INCR	**010,10** (default): Sets the starting ERP reporting step ID to 010 and the increment value to 10 for the routing steps. **Note**: Starting sequence value must be a positive integer. Increment value must be a positive integer. Comma is the only valid separator. If not defined, the existing system-generated defaults are used.

Rule	Setting
USE_STEP_ID_FOR_SEQUENCE	This rule allows you to use step IDs as sequence numbers for routing steps of complex routings with a lot of loops. **YES**: Parses the *Step ID* field value to a number and uses it as the *Sequence* field value for the routing step. **NO** (default): Assigns the sequence number to the routing steps when routing steps are sorted in a logical order. The sequence starts at 1 and is increased by 1.

3.4.26 SFC Place Hold (SU520)

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

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

3.4.27 SFC Selection (PR630)

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

Rule	Setting
SFC_SELECTION_REQ	**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. **Note**: The OPERATION_LIST_REQ activity rule must be set to NO.
OPERATION_LIST_REQ	**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.

3.4.28 SFC Step Status (SU500)

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

Rule	Setting
ALLOW_FHOLD_SFC	**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.
ALLOW_HOLD_SFC	**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.
ALLOW_HOLD_SFC_DONE	**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.
ALLOW_NEW_SFC	**YES** (default): Allows an SFC that is New to be modified. **NO**: Prevents an SFC that is New to be modified.
ALLOW_SFC_MARKED_DONE	**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.
COMMENT_REQUIRED	**YES** (default): An entry must be made in the Comments area. **NO**: The Comments area can be left blank.

3.4.29 Shop Order Maintenance (DM010)

Rule	Setting
COPY_ERPORDER_VALUE	**TRUE** (default): When you retrieve a shop order that was imported from SAP ERP in *Shop Order Maintenance* and save it with a different shop order name, the *ERP Order* checkbox of the new shop order is selected and disabled. **FALSE**: When you retrieve a shop order that was imported from SAP ERP in *Shop Order Maintenance* and save it with a different shop order name, the *ERP Order* checkbox of the new shop order is deselected and disabled.

3.4.30 Shop Order Release (DM510)

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

Rule	Setting
CUSTOMER_MODIFY	**YES** (default): Allows the operator to modify the **Customer** field. **NO**: Prevents the operator from modifying the **Customer** field.
CUSTOMER_ORDER_MODIFY	**YES** (default): Allows the operator to modify the **Customer Order** field. **NO**: Prevents the operator from modifying the **Customer Order** field.
LCC_MODIFY	**YES** (default): Allows the operator to modify the Labor Charge Code (**LCC)** field. **NO**: Prevents the operator from modifying the **LCC** field.

Rule	Setting
PLANNED_BOM_MODIFY	**YES** (default): Allows the operator to modify the **BOM** and **Version** fields. **NO**: Prevents the operator from modifying the **BOM** and **Version** fields.
PLANNED_END_MODIFY	**YES** (default): Allows the operator to modify the **Planned Completion** Date field. **NO**: Prevents the operator from modifying the **Planned Completion** Date field.
PLANNED_ITEM_MODIFY	**YES** (default): Allows the operator to modify the **Planned Material** and **Version** fields. **NO**: Prevents the operator from modifying the **Planned Material** and **Version** fields.
PLANNED_ROUTER_MODIFY	**YES** (default): Allows the operator to modify the **Planned Router** and **Version** fields. **NO**: Prevents the operator from modifying the **Planned Router** and **Version** fields.
PLANNED_START_MODIFY	**YES** (default): Allows the operator to modify the **Planned Start** date field. **NO**: Prevents the operator from modifying the **Planned Start** date field.
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.

3.4.31 Shop Order Report (DM730)

Rule	Setting
SHOP_ORDER_HYPERLINK	**YES**: Shop order IDs have hyperlinks that open the Shop Order Maintenance activity for the shop order. **NO** (default): Shop order IDs do not have hyperlinks.

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

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

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

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

3.4.36 Supervisor Time Edit and Approval (LT260)

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

Rule	Setting
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.

3.4.37 Supervisor Work Assignment (PR610)

Rule	Setting
PLUGIN_URL	The location of the Supervisor Work Assignment POD in the ME folder structure. Default: /COM/SAP/ME/PRODUCTION/CLIENT/SUPERVISORWORKASSIGNMENTPLUGIN.JSP

3.4.38 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	**EXPANDED** (default): Displays all activity groups and activities within the application tree structure upon login. **COLLAPSED**: Displays only activity groups within the application tree structure upon login. The user will have to expand each group manually to view activities.

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

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

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