

8.3.0

25/11/2024 4:41 pm GMT

[relates to version](#)

Tags: 8.3

Partial Quantity Book Off Mode

Partial complete options were added to streamline the process of booking on and off jobs where partial quantity completion is required. It also provides the operator with a more intuitive and efficient user interface.

When you are booked onto a job, if you enabled partial completions, you have a few options you can choose from. The best way to describe the options is through an example.

You are working on a batch of 100 at operation 10 and you complete 15. You may want to

Complete just 15 of 100, leave 85 at operation10, and move 15 to operation 20. In this case, what does the operator and the machine do?

Three partial complete buttons have been added to the **Workstation Button Profile** page to manage this. You can add the ones that are appropriate for your scenario. You can choose a combination of the following options:

- **Partial Complete & Remain Booked On**: Partial quantity progresses to the next operation (op 20). The operator stays booked onto the original operation (op 10)
- **Partial Complete & Book-Off (Stop Asset)**: Partial quantity progresses to the next operation (op 20). The operator books off op 10. The asset continues running unattended at op 10.
- **Partial Complete & Book-Off (Leave Asset Running)**: Partial quantity progresses to the next operation (op 20). Stop running the asset at op 10.

Document Versioning

Document management was enhanced in 8.3 to include document versions.

A document added to the Document Manager now has a header and versions.

The screenshot shows the Document Manager interface. At the top, there is a search bar with the name 'Chklst test 1', a dropdown for Document Type, a dropdown for Status set to 'Active', and a Search button. Below the search bar are five buttons: 'New Document', 'Edit', 'Document History', 'File Types', and 'Document Types'. The main content is a table with columns for Name, Document Type, Version, and Views. The table shows three versions of 'Chklst test 1', all of type 'Checklist Image'. The first version (1.0) has 0 views, the second (1.1) has 0 views, and the third (2.0) has 1 view.

Name	Document Type	Version	Views
▼ Chklst test 1	Checklist Image		
Chklst test 1	Checklist Image	1.0	0
Chklst test 1	Checklist Image	1.1	0
Chklst test 1	Checklist Image	2.0	1

You can add a new minor version or a new major version of a document. When doing so, you need to upload a file or provide a link.

Where documents are authored and managed in a third-party document management system, the version number in MES-M may not manage the version number in the third-party system. We use **External Ref** to store the version reference from the third-party system.

Wherever you reference documents, they now use the standard options for selecting a version. These are:

- Use latest version
- Use latest minor version for specified major version
- Use specified version

You can see who viewed which version of a document.

If a document is controlled as defined by its Document Type, you cannot replace the file. You would need to up-version to use a different file. If it's uncontrolled, you can replace the file. Version history tracks all edits.

Document Manager Access

The **Documents** button was added to the **Schedule Manager** screen. It opens the **Documents** dialogue box where you can search for docs related to the selected job and allows you to access **Document Manager** so you can manage your job documents with fewer clicks.

Job Documents Enhancement

The **Job Documents** pop-up gives you easy access to add, link and manage documents.

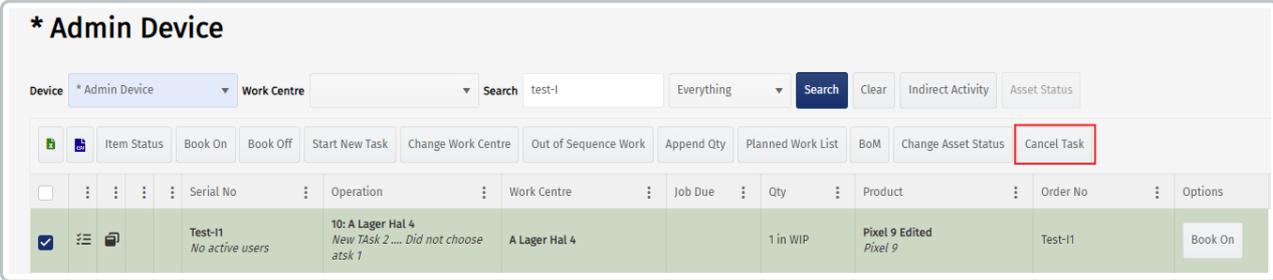
When you select a job in the **Schedule Manager**, you can click the **Documents** button to display the **Job Documents** pop-up. The buttons that were added to the pop-up in 8.3 are:

- **Add New:** Creates version 1.0 of an uploaded document and links it to the selected job as well as adding it to the **Document Manager**.
- **Link Existing:** Link documents that exist in the **Document Manager** to the selected job. Version control applies which gives you the following options:
 - Use latest version
 - Use latest minor version for specified major version
 - Use specified version
- **Document Manager:** Access to the **Document Manager** which gives you the full document management capabilities.

Cancel New Task Opened Accidentally

In older releases, it wasn't possible to cancel a new task that was opened accidentally. If you are working on a task and you spawn a new task by clicking on the **Start New Task** button, there was no way of cancelling the new task and going back to the task that spawned it.

In 8.3, you can now manually cancel a new task that was opened accidentally and return to the source task that spawned the new task. This is done in the workstation by ticking the checkbox next to the spawned task you want to cancel which displays the **Cancel Task** button.



The screenshot shows the 'Admin Device' interface. At the top, there's a header with the title '* Admin Device'. Below it, there are several input fields and buttons: 'Device' (set to '* Admin Device'), 'Work Centre' (empty), 'Search' (set to 'test-1'), 'Everything' (dropdown), 'Search' (button), 'Clear' (button), 'Indirect Activity' (button), and 'Asset Status' (button). Below these are several action buttons: 'Item Status', 'Book On', 'Book Off', 'Start New Task', 'Change Work Centre', 'Out of Sequence Work', 'Append Qty', 'Planned Work List', 'BoM', 'Change Asset Status', and 'Cancel Task' (highlighted with a red box). Below the buttons is a table with columns: 'Serial No', 'Operation', 'Work Centre', 'Job Due', 'Qty', 'Product', 'Order No', and 'Options'. The table has one row with the following data: 'Test-11' (Serial No), '10: A Lager Hal 4' (Operation), 'A Lager Hal 4' (Work Centre), 'New Task 2 Did not choose atsk 1' (Job Due), '1 in WIP' (Qty), 'Pixel 9 Edited Pixel 9' (Product), 'Test-11' (Order No), and 'Book On' (Options). There is a checkbox next to the 'Test-11' row.

Tool Use Action

Managing and tracking the use of tools has been enhanced in 8.3. Improvements were made to the **Use Tool** screen to simplify the recording and tracking of tool usage. Tool use count calculations were also improved to better track tool use.

The following enhancements were made to the **Use Tool** action in 8.3:

Improvements to the Use Tool screen

The Use Tool screen is accessible from a workstation when booked onto a job has been improved as follows:

- A **Tool Type** drop down was included. Selecting the tool type filters the Tool drop down to show just the tools belonging to the tool type.
- The grid containing the tools you can select was replaced by the **Tool** dropdown.

The screenshot shows the 'Use Tool' interface with the following elements:

- Tool Type:** A dropdown menu with the selected value '***TEST2222-BagSealer'.
- Tool:** A dropdown menu with the selected value '***TEST2222-BagSealer2221'.
- Qty Produced:** A numeric input field containing '2.00000' with up and down arrow controls.
- Cycles Per Qty:** A numeric input field containing '4.00' with up and down arrow controls.
- Recalculate:** A button located below the Cycles Per Qty field.
- Expected Count Remaining:** A label followed by the value '0'.
- Set Count:** A numeric input field containing '8' with up and down arrow controls.
- Comment:** A text input field.
- Buttons:** A dark blue 'Set Count' button and a grey 'Cancel' button at the bottom right.

Improved accuracy of Use Count and added an Edit Tool Use button

Previously, if you used a tool that had already been used, it would overwrite the use count of the previous use and only record the latest use. In 8.3, if a tool was used more than once, the **Use count** field now increments the use count.

The **Edit Tool Use** button in the workstation allows you to correct an incorrectly recorded tool use. For example, you can correct the tool that was used and the count.

You can highlight a tool that was used and click the **Unuse** button to remove the tool use. All calculations associated with the tool use will be adjusted.

Note that comments are recorded in the tool use log which can be viewed in the **Tools** section of the **Item Status** page.

10: ***TEST2222-OP-Build

Seal the bag

Use Tool	Edit Tool Use	Unuse
Name	SUID	Use count
▼ ***TEST2222-BagSealer	***TEST2222-BagSealer	11
***TEST2222-BagSealer2221	***TEST2222-BagSealer2221	8
***TEST2222-BagSealer2222	***TEST2222-BagSealer2222	3

Workstation Checklists

Checklists has been enhanced to improve usability and readability. The following improvements were made:

Standardised colours

The section of the screen containing the input values was changed from yellow to blue to better align with the overall style of the user interface.

Hidden columns

The page contains several columns. Automatically displaying all of them affects the usability and presentation of the information on the page. In 8.3, columns that are not appropriate for your configuration are hidden on loading. If you wish to add columns, click the vertical dots on any column, click the vertical lines tab, and select the columns to display.

Flags on compulsory field

Compulsory fields for checklists are flagged with a red asterisk.

Prompt	Criteria	Value
***Test222 item height Back - measure height	USL = 25.1cm LSL = .9cm	S0061 S0065
***Test222 item height Front - measure height	USL = 25.1cm LSL = .9cm	S0011 S0015
***Test222 item height Left side - measure height	USL = 25.1cm LSL = .9cm	S0111 S0115
***Test222 - item defects Check for external defects.		S0011
***Test222 - item comment Comment on heights		S0011

Corrected misalignment between labels and their fields

In 8.3, the issue where labels and fields were split across two lines when resizing the window was corrected. Labels and their fields will always display together.

Full screen size

10: Multi sample heights

***TEST-Checklist1 3.0 (Not signed) Sign Check Result Set

Refresh Approve All

Prompt	Criteria	Value
***Test222 item height Back - measure height	USL = 25.1cm LSL = .9cm	S0061 <input type="text"/> <input type="text"/> <input type="text"/> S0062 <input type="text"/> <input type="text"/> <input type="text"/> S0063 <input type="text"/> <input type="text"/> <input type="text"/> S0064 <input type="text"/> <input type="text"/> <input type="text"/> S0065 <input type="text"/> <input type="text"/> <input type="text"/>
***Test222 item height Front - measure height	USL = 25.1cm LSL = .9cm	S0011 <input type="text"/> <input type="text"/> <input type="text"/> S0012 <input type="text"/> <input type="text"/> <input type="text"/> S0013 <input type="text"/> <input type="text"/> <input type="text"/> S0014 <input type="text"/> <input type="text"/> <input type="text"/> S0015 <input type="text"/> <input type="text"/> <input type="text"/>
***Test222 item height Left side - measure height	USL = 25.1cm LSL = .9cm	S0111 <input type="text"/> <input type="text"/> <input type="text"/> S0112 <input type="text"/> <input type="text"/> <input type="text"/> S0113 <input type="text"/> <input type="text"/> <input type="text"/> S0114 <input type="text"/> <input type="text"/> <input type="text"/> S0115 <input type="text"/> <input type="text"/> <input type="text"/>
***Test222 - item defects Check for external defects.		S0011 <input type="text"/>
***Test222 - item comment Comment on heights		S0011 <input type="text"/> S0012 <input type="text"/> S0013 <input type="text"/>

Complete Action

- Append Qty
- Split Wip Qty
- Change Batch Size
- Book Off
- New Task
- Current Users (1)
- Documents (181)
- Item Status
- Print Label
- Change Work Centre
- Undo

Reduced screen size

10: Multi sample heights

***TEST-Checklist1 3.0 (Not signed) Sign Check Result Set

Refresh Approve All

Prompt	Criteria	Value
***Test222 item height Back - measure height	USL = 25.1cm LSL = .9cm	S0061 <input type="text"/> <input type="text"/> <input type="text"/> S0062 <input type="text"/> <input type="text"/> <input type="text"/> S0063 <input type="text"/> <input type="text"/> <input type="text"/> S0064 <input type="text"/> <input type="text"/> <input type="text"/> S0065 <input type="text"/> <input type="text"/> <input type="text"/>
***Test222 item height Front - measure height	USL = 25.1cm LSL = .9cm	S0011 <input type="text"/> <input type="text"/> <input type="text"/> S0012 <input type="text"/> <input type="text"/> <input type="text"/> S0013 <input type="text"/> <input type="text"/> <input type="text"/> S0014 <input type="text"/> <input type="text"/> <input type="text"/> S0015 <input type="text"/> <input type="text"/> <input type="text"/>
***Test222 item height Left side - measure height	USL = 25.1cm LSL = .9cm	S0111 <input type="text"/> <input type="text"/> <input type="text"/> S0112 <input type="text"/> <input type="text"/> <input type="text"/> S0113 <input type="text"/> <input type="text"/> <input type="text"/> S0114 <input type="text"/> <input type="text"/> <input type="text"/> S0115 <input type="text"/> <input type="text"/> <input type="text"/>
***Test222 - item defects Check for external defects.		S0011 <input type="text"/>
***Test222 - item comment Comment on heights		S0011 <input type="text"/> S0012 <input type="text"/> S0013 <input type="text"/>

Complete Action

- Append Qty
- Split Wip Qty
- Change Batch Size
- Book Off
- New Task
- Current Users (1)
- Documents (181)
- Item Status
- Print Label
- Change Work Centre
- Undo
- Notes (0)
- Scrap Wip Qty
- Book Off & Stop Asset Work
- Scrap Raw
- 提出問題
- Save Changes

eSignature Information

When a workflow version was signed, selecting it in the Workflow page will display an **eSignature** button. Clicking it displays a popup with information about the signature.

eSignature

Author: Mark Carleton

Title: gm

Sign Mean: Workflow Version Approval

Signed Datetime: 17/10/2024 10:26:02

Comments:

The **Version Revision History** screen also includes information about the signature. Selecting a row where an eSignature was provided will display the **eSignature** button.

Rev No	Approval Status	Change Ref	Last Edit User	Edit	eSignature
5	Approved	Changes to Review	Mark Carleton	17/10/2024 10:26	Signed
4	Pending Approval	Changes to Review	Iai Michra	05/07/2024 14:16	

Issues

Issue management and tracking was enhanced in 8.3.

Split Items/Jobs/Ops Linked to the Same Issue as Original Item

Historically, when you had an issue linked to an item, and the item was split to form a new item, the issue would remain linked to the original item. The split item would have no link to the issue.

In 8.3, the new item is automatically linked to the issue that was against the original item. If the issue item records are closed, then the new item will not be linked automatically.

Configurable Issue Resolution and Resolution Details

Issue Resolution and Resolution Details fields used to be optional when closing any issue. In 8.3, these fields could be configured to be mandatory or optional depending on the Issue Type.

Integration Manager

The **Integration Manager** was enhanced in 8.3 to send an outbound trigger to, for example an ERP, when a recipe status changes.

Reset Password Security

When a user requested their password to be reset, the administrator carrying out the reset could see the new, system-generated password. In 8.3, this no longer happens for users with a federated account. When an administrator resets a user's password for a federated account, the new, system-generated password is sent to the user's email. It is not possible for the administrator to see a user's password.

BoM Status Enhancement

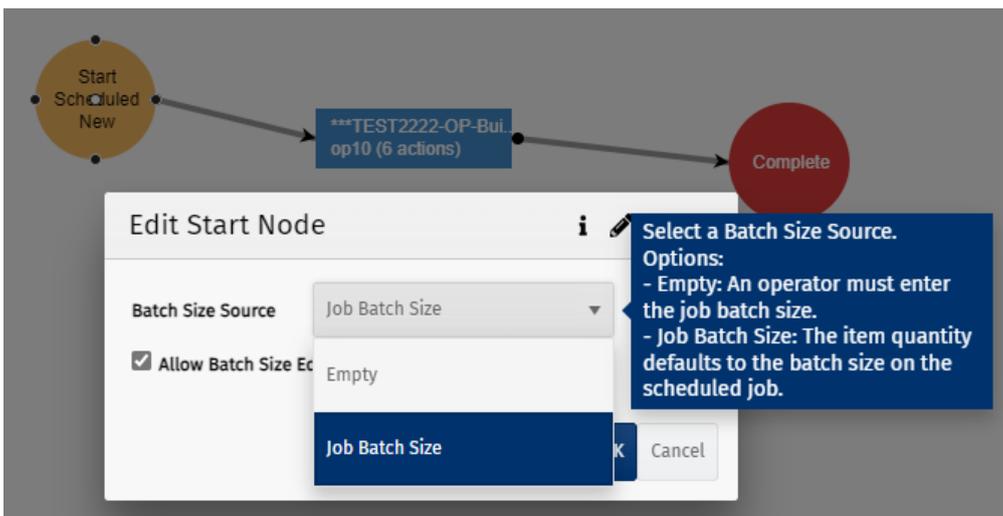
A BoM that was approved and was unused by any items, can have its status changed back to Draft.

WIP Qty/Batch Configurable

When you start a new item in a workstation, there is a popup dialogue box that gives you the quantity in the WIP Qty/Batch field. The selection you make in the Batch Size Source field in the Edit Start Node popup (accessible from the Design Workflow UI) determines which option will be presented to the operator. The options are:

- **Empty:** An operator must enter the job batch size.
- **Job Batch Size:** The item quantity defaults to the batch size on the scheduled job.
- The **Allow Job Batch Size Editing** checkbox becomes active if you have selected Job Batch Size in previous field. If it's checked, the operator will be allowed to edit it.

Configure options in the Edit Start Node popup



Options presented to the operator when booking onto a job

