

Scrap Management

15/04/2026 11:18 am BST

[Relates to version](#)

Tags: 9.4

Scrap management in Eyelit MES allows you to record and analyse losses associated with the scrapping of materials of all types, i.e., raw material, parent assemblies and sub-assemblies.

Where you are scrapping an item where you have child materials within it, then you also need to track the scrapping of the child components.

Scrap use cases

1. Scrap a quantity in WIP for which nothing's being consumed yet.
2. Scrap a quantity of raw material that's not been used already. In this case, it just disappears from inventory.
3. Remove something that's been previously fitted and scrap it (i.e., remove and scrap). For example: You have a computer, where you fitted a motherboard, and then removed the motherboard. The motherboard can be used again. If you choose to scrap the motherboard, it will be a remove and scrap.
4. Scrap a parent quantity that had already consumed child quantities. You made 100 kg of cake mix and used 50 kg of flour. You scrap 1 kg of cake mix and in that 1 kg scrapped, you had 0.5 kg of flour. This is a parent quantity with child quantities scrapped.

Scrap

Scrap available items

To scrap an item in stock:

1. Navigate to the **Stock Items** screen and use the search filters to select the product you want to scrap.
2. Click the **Scrap** button to display the **Scrap Available Qty** pop-up.

Scrap Available Qty screen

Blue fields in the form are required and are flagged with an asterisk () in this document.*

- **Qty Scrapped***: Quantity to be scrapped.
- **Reason Type***: Reason field below is filtered by Reason Type. The material reason must be assigned to the Product Type of the product being scrapped. For more information, see [Material Reasons](#).
- **Reason***: Reason for the scrap.
- **Comments***: Leave additional information about the scrap.

Scrap Raw Material Qty

It is also possible to record the scrap of raw material when booked on to an operation action through the scrap raw material button. This allows the scrap of raw materials that have not yet been issued/consumed to the parent job.

Scrap Raw Material screen

Blue fields in the form are required and are flagged with an asterisk (*) in this document.

- **Product:** Select a product.
- **Serial No:** Serial number of the item to be scrapped which filters the **Item** list below.
- **Item*:** Select the item to be scrapped.
- **Scrap Qty*:** Quantity to be scrapped.
- **Unit*:** Unit of Measure.
- **Reason Type*:** Reason field below is filtered by Reason Type. The material reason must be assigned to the Product Type of the product being scrapped. For more information, see [Material Reasons](#).
- **Reason*:** Reason for the scrap.
- **Comments*:** Leave additional information about the scrap.

Scrap WIP item

For scrap to be allowed on an operation, the **Allow Scrap** checkbox must be ticked in the workflow **Operation Node** screen. The **Scrap Mode** field becomes active and you must choose to reduce the WIP quantity or reduce the WIP and job quantity.

As an example, if you have a batch of 10 and you scrap one, you have two options for handling this:

- **Reduce WIP Qty:** An additional one is still required to be made to replace the scrapped one so that you finish with 10.
- **Reduce WIP and Job Qty:** Reduces the job to 9 and you finish with 9.

Scrap WIP options

Scrap and Replenish

Typically, when a quantity of a manufactured batch is scrapped, the output from the process is reduced. For example, if an operator is working on a batch of 10 and scraps 2, we expect to only complete 8. However, there are business cases where the works order quantity must be hit, therefore, you have to make up the quantity (i.e., append the quantity).

If WIP scrap is performed and the job qty is not reduced, it will be necessary to make up the lost quantity by starting additional quantity. You can manually append this quantity, if the workflow version and the operation scrap mode allow, which will start the appended quantity at the first operation in the workflow.

It is also possible to configure the scrap quantity to be automatically replenished as follows.

Workstation buttons that allow you to scrap are configured in the [Button Profile](#) and are:

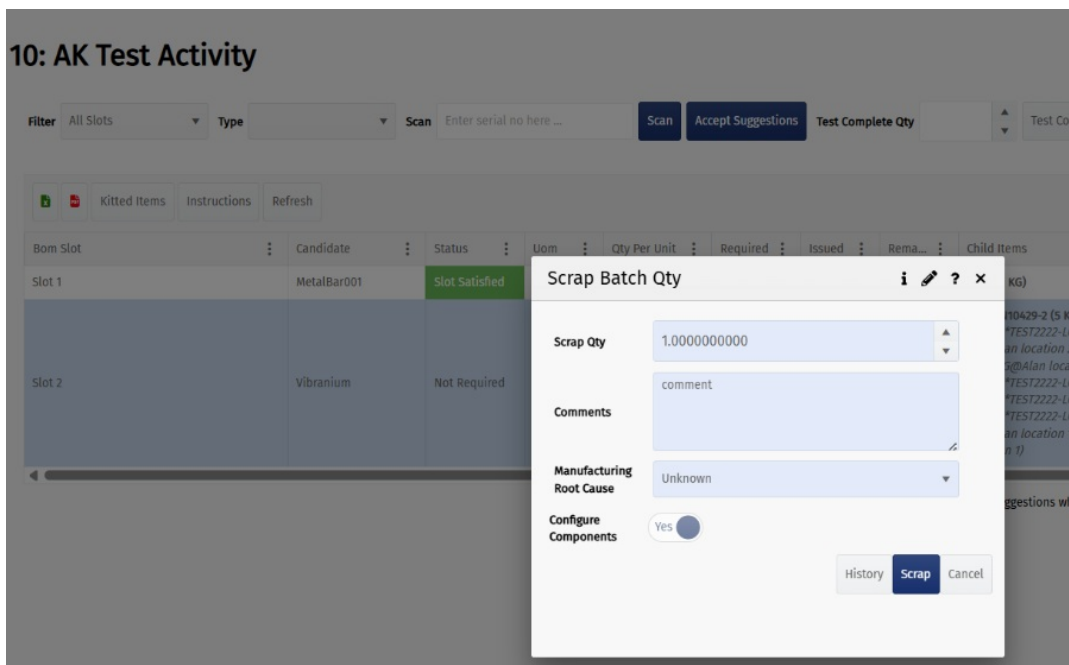
- **Scrap - Replenish at current op:** This button is accessible from within an operation action. A quantity equivalent to the scrapped quantity will automatically be adjusted at the current operation in the workflow. For example, an operator is working on a batch of 1000 (for example cakes), scraps 2 and then continues to make 1000 at the current operation. In this scenario, the WIP quantity (cake mix) for making 1000 is readily available at the operation where the scrap occurred.
- **Scrap - Replenish at previous op:** This button is accessible from within an operation action. A quantity equivalent to the scrapped quantity will be adjusted at a selected previous operation in the workflow.
- **Scrap - Replenish from start op:** This button is accessible from within an operation action. A quantity equivalent to the scrapped quantity will automatically be appended and starts at the first operation in the workflow. For example, an operator is working on a batch of 10 (for example chairs), scraps 2, starts another 2 at the first operation to replace the 2 that were scrapped.
- **Scrap - No replenish:** This button is accessible from within an operation action and from the workstation screen. The scrapped quantity will not be automatically replenished. You can manually append (if the workflow version and the operation scrap mode allow) which will start the appended quantity at the first operation in the workflow.

Scrap WIP partial quantity

When a partial quantity of an item in WIP is scrapped, the parent will automatically be split. The quantity of child that is scrapped with parent depends on the quantity of child that's split off with the parent. For more information about the splitting logic that applies to scrapping a partial quantity in WIP, see [Splitting](#).

To scrap items:

1. While in the operation on a workstation, click the **scrap button** you need in the right-hand menu to display the **Scrap Batch Qty** pop-up. The pop-up appears when you scrap a parent quantity and at least one slot is not fully fulfilled. If all slots are fulfilled, no operator input is required (and the child material will be scrapped in proportion to the parent material).
2. In the pop-up, provide the **Scrap Qty**, **Reason Type**, **Reason** and **Comment**.
3. **Manufacturing Root Cause**: Select a previous operation that the WIP quantity passed through where the issue was caused.
4. **Configure Components toggle**: When this toggle appears, the next screen after clicking the **Scrap** button (**Scrap Component Handling**) displays the child material issued to the parent being scrapped. If all slots are fulfilled, the Configure Components toggle is not displayed (and the child material will be scrapped in proportion to the parent material). If any slots are unfulfilled, it defaults to **Yes** where you need to manually confirm child components quantities to be scrapped.



Scrap Component Pop-up

When scrapping parent quantities in a job, the UI displays the Scrap Component Handling pop-up to clarify or confirm the component scrap quantities.

The popup appears when a user attempts to scrap parent quantity and at least one slot is not fully fulfilled. If all slots are fully satisfied, no operator input is required and the system applies ratio logic silently.

Scrap Component Handling: SN98888 (WIP, Qty: 10)

Serial No: SN98888 Quantity: 1.0000000000 EA

View: All Slots Refresh

Turn slots on/off

The item you want to scrap has components consumed to it. Please confirm which components should be included in the scrap and the quantity of each to be scrapped. (Note: by default the component quantity to scrap is in proportion with the parent quantity to be scrapped).

Bom Slot	Serial No.	Product	Unit	Slot Qty (per unit)	Slot Qty (Total)	Consumed Quantity	Component qty to scrap based on: Ratio of consumed	Component Qty to Scrap	Include
Slot 1	1	MetalBar001	KG	2	20	10	2	2	<input checked="" type="radio"/> YES
Slot 2	ALAN10308	Vibranium	KG	1	10	1	1	1	<input checked="" type="radio"/> YES

Editable fields Preview Save Cancel

By default, only BoM slots that are partially satisfied will be displayed. The child components quantity to scrap will default to the same ratio as parent item. For example, if you are scrapping 10% of the WIP parent, 10% of the consumed child material will also be scrapped.

Partially fulfilled slots are displayed to allow the operator to confirm or override the quantity to be scrapped. For example:

- You are building 10 tables and have fitted 12 legs.
- You want to scrap 5 tables (i.e. half of the batch).
- The default will be to assume that you have scrapped 6 legs (i.e. half of the consumed legs).
- The operator may override this value (for example if none of the tables scrapped had had legs fitted, and so no legs are scrapped).

Fully satisfied slots will also default to scrap in the same ratio as the parent item. Because this is usually a good assumption for fully satisfied slots, these will be hidden by default, but you can choose to view the quantities for all slots by selecting **View All Slots**.

Scrap Reports

Scrap reports provide detailed information about any scrap performed on a material item.

Scrap Log

All scrap transactions are recorded in the scrap log. You can select a scrapped item and edit the root cause of the scrap. Click the **Edit Root Cause** button and select the root cause operation and work centre and leave a comment.

You can also reverse a scrap by selecting a scrapped item and clicking the **Scrap Reverse** button.

Scrap Log

Product: Reason Type: Reason: Work Center: Order No:

Serial No.: From Date:

Timestamp	Order No.	Serial No.	Location	Material State	Qty Scrapped	Reason	Transacted By	Root Cause Operation	Root Cause Work Center
02/04/2026 10:56:20		SR02_DS_Scrap_240326	DS_Location_17Feb25	Available	1	AK-Test	Shane Adams		
01/04/2026 14:02:15	010426	SH00988	3A-A1	WIP	2	AK-Test	Par Eliasson		
24/03/2026 10:27:42	DS_Scrap_240326	SR02_DS_Scrap_240326	DS_Location_17Feb25	WIP	100	System	Dnyaneshwar Shinde	10 (DS_Build)	Dnyaneshwar Work Centre
24/03/2026 10:23:41	DS_Scrap_240326	SR01_DS_Scrap_240326	DS_Location_17Feb25	WIP	5	System	Dnyaneshwar Shinde	10 (DS_Build)	Dnyaneshwar Work Centre
16/03/2026 13:11:41		AppleWater-174	Default	Available	1	AK-Test	Arturs 2		
27/02/2026 14:50:38		W001120	Default	Available	2	AK-Test	PeterH		
20/02/2026 10:35:52		sdvsvsvdsvdsvd	***TEST2222-LOC2222	Available	1	AK-Test	Mark Carleton		
20/02/2026 10:20:25		sdvsvsvdsvdsvd	***TEST2222-LOC2222	Available	1	AK-Test	Mark Carleton		

Scrap Transaction Log

This log allows you to display view the details of scrap transactions that satisfy your search criteria.

Scrap Transaction Log

File Home View

Export Parameters

From (Factory Locale): 01/04/2026 4:44:06 PM To (Factory Locale): 02/04/2026 11:59:59 PM Display Time Zone: Factory Locale

User Group: I DW-UserGp1 Visual Serial Number (Barcode):

User: (All) Old Warehouse: I DW-Warehs, ***TEST W

Reason Type: AutoTest MR 1, AutoTest MR Old Location: (All)

Reason: (None), AK-Test, AN TEST Old Material State: Available, Depleted, Disp

Scrap Transaction Log

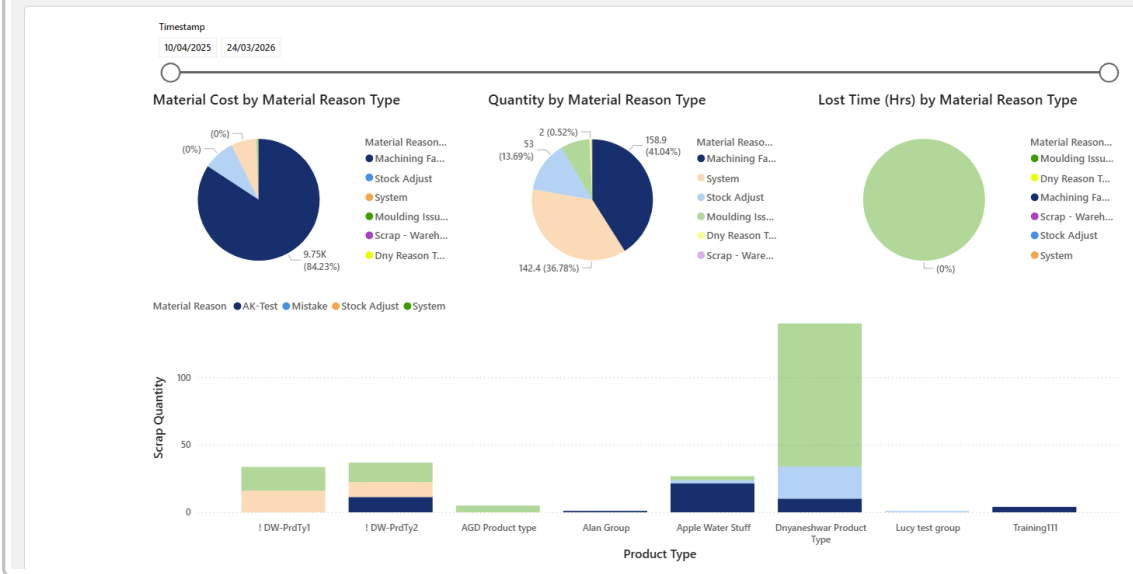
Date	Visual Serial No	Unique ID	Product	Reason Type	Reason	UOM	Actual Qty Scrapped	New Actual Qty	WIP Qty Scrapped	New WIP Qty	Old State	New State	User	Comments
02/04/2026 10:56:20	SR02_DS_Scrap_240326	SR02_DS_Scrap_240326-554655	Dnyaneshwar Product	Machining Faults	AK-Test	EA	1	389	0		Available	Available	Shane Adams	Damage

Report generated: 02/04/2026 16:45:14 Page 1 of 1

Scrap Analysis Report

This report provides scrap details by **Product Type** which you can then drill down to increasing levels of granularity for the scrap associated with it (Product Type - Product - Work Centre Department - Work Centre - Activity).

Scrap Analysis



Scrap by WO

This report gives the details of a scrap transaction that was carried out in a works order. It also calculates the value of scrap based on the the Per Unit Cost amount provided in the Products page.

Scrap By WO

File Home View

Export Parameters

fromdt: 01/01/2024 todt: 02/04/2026

Include Raw Materials: Include Raw Materials

Product Group: (All) PRODUCT: (All)



Scrap By WO

ORDERNO	Manufactured product	Product Scrapped	UOM	Qty Completed	Quantity Consumed	Qty Scrapped	% Scrapped	Currency	Scrap Cost
AppleWater-930	Organic Apple Water	Organic Apple Water	EA	27	-	1	3.6	GBP	0
BOM_Val-001	Organic Apple Water	Organic Apple Water	EA	90	-	10	10	GBP	0
bom-001	Organic Apple Water	Organic Apple Water	EA	76	-	10	11.6	GBP	0
BuildScrap-001	Organic Apple Water	Organic Apple	EA	-	19	4	40	GBP	0
DS_Scrap_240326	Dnyaneshwar Product	Dnyaneshwar Product	EA	395	-	105	21	USD	157.5
DS_ScrapByWO_006	Dnyaneshwar Product	Dnyaneshwar Product	EA	20	-	10	33.3	USD	15
eDHRTranslate-001	Organic Apple Water	Organic Apple Water	EA	2	-	1	33.3	GBP	0

Scrap by Work Centre Analysis

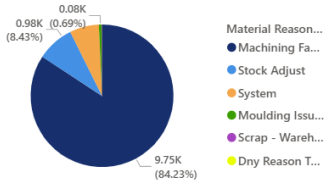
This report provides scrap details by Work Centre which you can then drill down to increasing levels of granularity for the scrap associated with it (Work Centre - Product - Work Centre Department - Work Centre - Activity).

Scrap By Work Centre Analysis

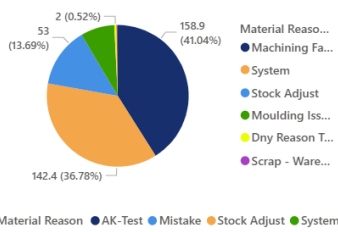
Design

TIMESTAMP
10/04/2025 24/03/2026

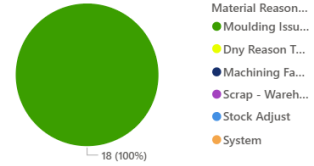
Total Cost by Material Reason Type



Quantity by Material Reason Type



Lost Time (Hrs) by Material Reason Type



Scrap by Period

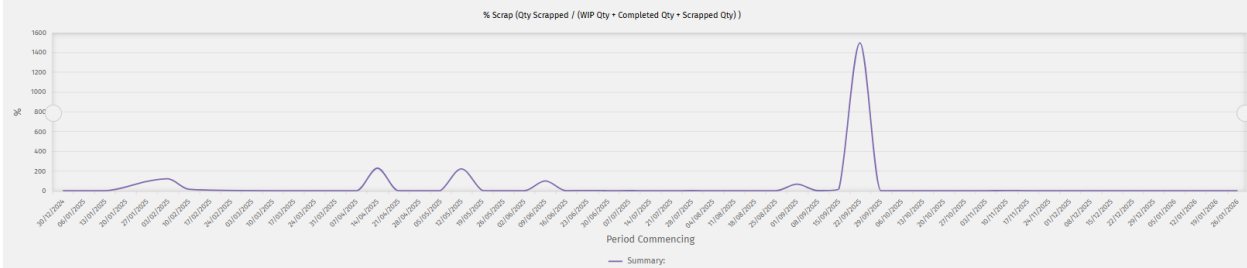
This report presents scrap information for the selected criteria over the specified period.

Scrap By Period

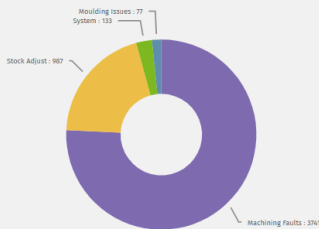
Product Group: [Dropdown] Product Search: [Input] Search Product: [Dropdown] Scheduled Workflow Type: [Input]

Filter By Product Property: [Dropdown] Filter Value: [Dropdown]

From: 01/01/2025 To: 01/02/2026 Group By: Summary Group By: Week % Calculated by: Cost Show



Scrap By Reason Type (Cost)



Scrap By Reason (Cost)



Scrap By Product Group (Cost)

