

Product Specific Label Design Elements

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[Relates to version](#)

Tags: 8.7

A product specific label in Eyelit MES is a label explicitly linked to a single product and a specific label design version. It is used in regulated environments where label data must be defined and approved on a per-product basis before use in production.

Approval Requirements

Approvals are only required for product specific labels. They are configured against a label type that is product specific.

After you have created a product label type, you can configure approval requirements. Approvals define the people/roles required to approve any product label version referencing a label design of this type before it can be approved for production.

This could be system permissions (by default the user is presented with system label permissions) or potentially custom permissions if customer specific skill sets / qualifications are approved for specific label types.

For label types that are not product related approvals are redundant so this button will not be visible.



Note

At least one of the approval requirements must cover the *Approve Product Label from Pending*.

To assign approval requirements to a label type:

1. Navigate to the **Label Printing Dashboard**, click the **Label Design** button and click the **Label Types** button.
2. Select a product specific label type and click the **Approval Requirements** button. If this button is not displayed, it means that the product type is for a standard label.
3. Click the **New** button in the **Approval Requirements** pop-up.
4. Complete the **New Label Type Approval Requirement** pop-up.

New Label Type Approval Requirement

The following properties can be defined for New Label Type Approval Requirement:

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

- **Name***: Name the approval requirement.
- **Approval Text**: Provide text that describes the approval.
- **Permission Category***: The permission category of the permission that will be allowed to approve labels of the this type.
- **Permission***: The filtered list of permissions based on the Permission Category from which to select the permission that is allowed to approve labels of this type. It is the required permission to eSign on product label approval.

Additional permissions can be added by repeating the steps from step 2 for each permission allowed to e-sign.

Product Label Data

This is only relevant for product specific labels. Once you have designed a label and added translations if required, you can make it functional by referencing it within a product label. The product label data serves as a direct connection between a specific product and a particular label design and version.

When you create **New Product Label Data**, it creates a header and the first version of the product label. You will need to edit the version to provide additional information required for the product label.

1. Navigate to the **Label Printing Dashboard**, click the **Product Labels** button. Use the search criteria on the **Product Labels** screen and click the **Refresh** button to list filtered product label data.
2. Click the **New** button.
3. Complete the **New Product Label** pop-up.

New Product Label

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

- **Label Design***: Select a label design.
- **Label Design Version***: Select a label design version.
- **Product***: Select a product that will use the selected label design version.
- **Comments**: Provide a comment.

New Product Label Data

The following properties can be defined for *New Product Label Data*:

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

Product Label Version Details

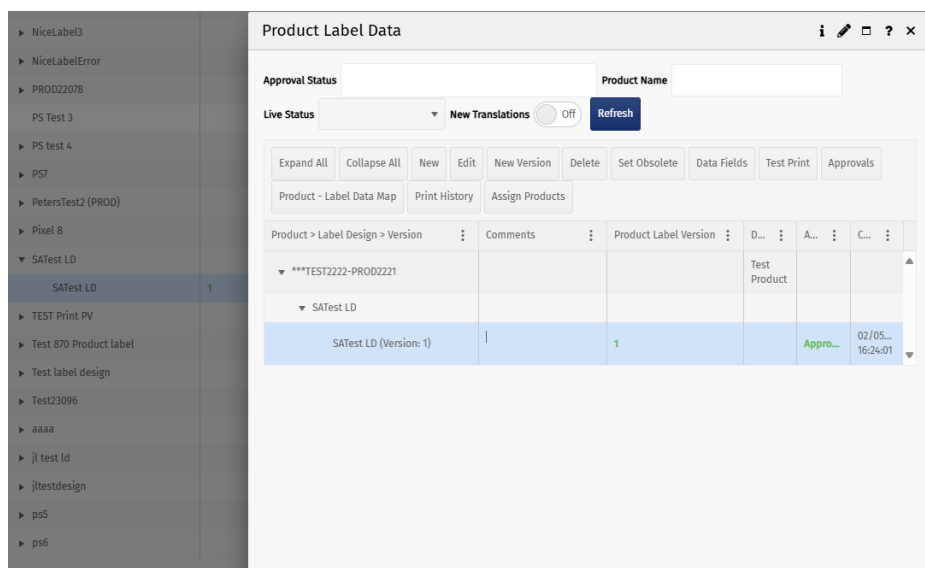
- **Label Design Version**: Select the label design version.
- **Auto-Generate Data Fields***: Where you have fields in the label design that were configured as *Product Label Data* you can auto-generate the corresponding fields against the product in one step by ticking the check box (recommend that this is always ticked).
- **Rounding**: You can't print a fraction of a label. If the formula for the calculated number of labels comes out as a fraction then you can specify whether to round up, down, or to the nearest integer. For example, if you are creating a large batch of sugar that is being divided into 1 kg bags, you cannot predict exactly how many bags, i.e., labels you might need.
- **Override**: The expected quantity of labels per item made will have been configured against the label design. You have the option at product level to override it. For example, if you have a product that requires more or less labels than the norm.
- **Reconcile**: It may be a requirement, especially in the medical industry, to account for every label printed including those that were scrapped or did not end up on finished goods. If you enable reconciliation, the system will enable a reconciliation of any labels printed.

Target quantity of labels = $x * [\text{Item Qty}] + y$ where:

- **x = Label Qty Factor**: Number of labels required per item/lot qty. Specifies the default quantity of labels expected per batch/item for this label design.
- **Item/Lot Qty**: The lot quantity for the lot which the label is printed for.
- **y = Label Qty Offset**: Specifies an additional number of labels expected per production run (e.g., for retained label prints).

For example, if you need to print two labels per item and to retain an additional label for record keeping then x=2 and y=1.

After saving the product label data, it will appear in a list in the **Product Label Data** page for a selected product label design version. The first column is displayed in a tree structure showing the product, the label design and the label design version. See image.



The following fields are only available when you edit a product label version:

- **Product Label Version:** Version of the product label you are in. This field is not editable.
- **Product Label Version Description:** Input a meaningful description for this version.
- **Approval State:** Approval status of the product label version. This field is not editable.
- **Approval Printer:** Select the printer which was used to evaluate an approve this product label version.
- **Reference Image:** Operators can view this image in the workstation page and use it as a reference to compare to the actual printout.
- **Approval Image:** If you had set up an approval image you can view it here. To set up your approval image, see the **Add an Approval Image** section below.

Product Label Approvals

Product Label Approvals help organisations ensure that product labels are properly reviewed and approved before release for production use. For more information, see [Product Label Approvals](#).

e-Signature Details

If an approval signature was obtained, then you can view the details by clicking the row that was signed and then clicking the **Esign Detail** button that is displayed. It displays information about the e-signature in the **Esignature Content** screen. An alternative method to view it is by clicking the History button and then the Detail button in the row that was e-signed.

Delete Product Label

Only product labels that have a draft approval status can be deleted. The **Deleted Product Label** page displays a history of deleted product labels.