LAWSON

M3

Manufacturing Engineering
Training Guide

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Welcome to Lawson M3 Manufacturing Engineering Training!

Purpose

The purpose of **Lawson M3 Manufacturing Engineering Training** is to provide step-by-step procedures in:

- Creating a Work Center and Work Center Capacity
- Linking Queue/Transit Time to a Work Center
- Creating an Engineering Change Order for Product Structure Revisions
- Creating and Updating Purchase Order External Instructions
- Creating an ECO Type
- Creating New and Alternate Product Structures
- Adding or Updating Material/Tooling in a Product Structure
- Renumbering a Product Structure
- Reporting Labor Against a Manufacturing Order, Manually

Scope

Lawson's M3 Enterprise Management System is designed to support organizations like ABC Corporation considering resources are constrained; processes are complex; and the company is international in scope. **M3** which stands for **Make**, **Move**, and **Maintain** provides a robust, integrated enterprise application suite covering many of the corporation's core and supporting processes including Financial Management, Customer Relationship Management, Manufacturing, Supply Chain Planning, Supply Chain Execution and Service & Maintenance.

How to Use this Guide

The **Lawson M3 Manufacturing Engineering Training Guide** is designed for hands-on, instructor-led training. It contains screen shots (as below) which display most, step-by-step, functions to enhance the training experience as well as act as reference material.
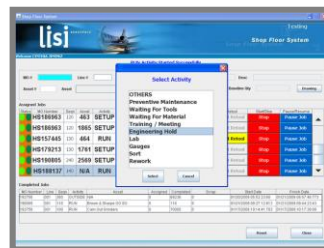
Step tables, as displayed below, provide step-by-step actions appearing in the 'Step' section. An explanation of each action, including *Notes*, *Important Notes* and *Examples* appear in the 'Result' column. Where explanations are not necessary, the Result section shall remain blank.

Step	Result

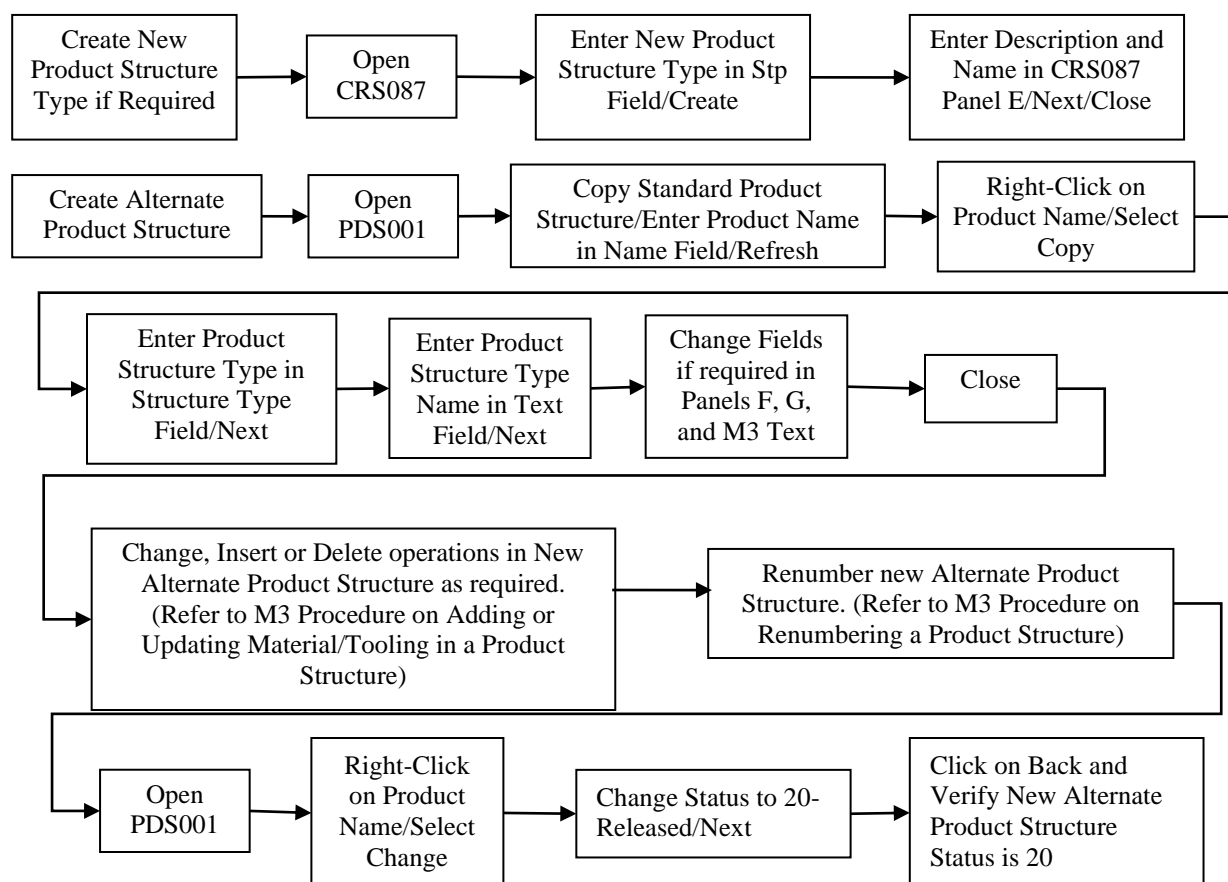**Module 10: Creating an Alternate Product Structure**

Purpose
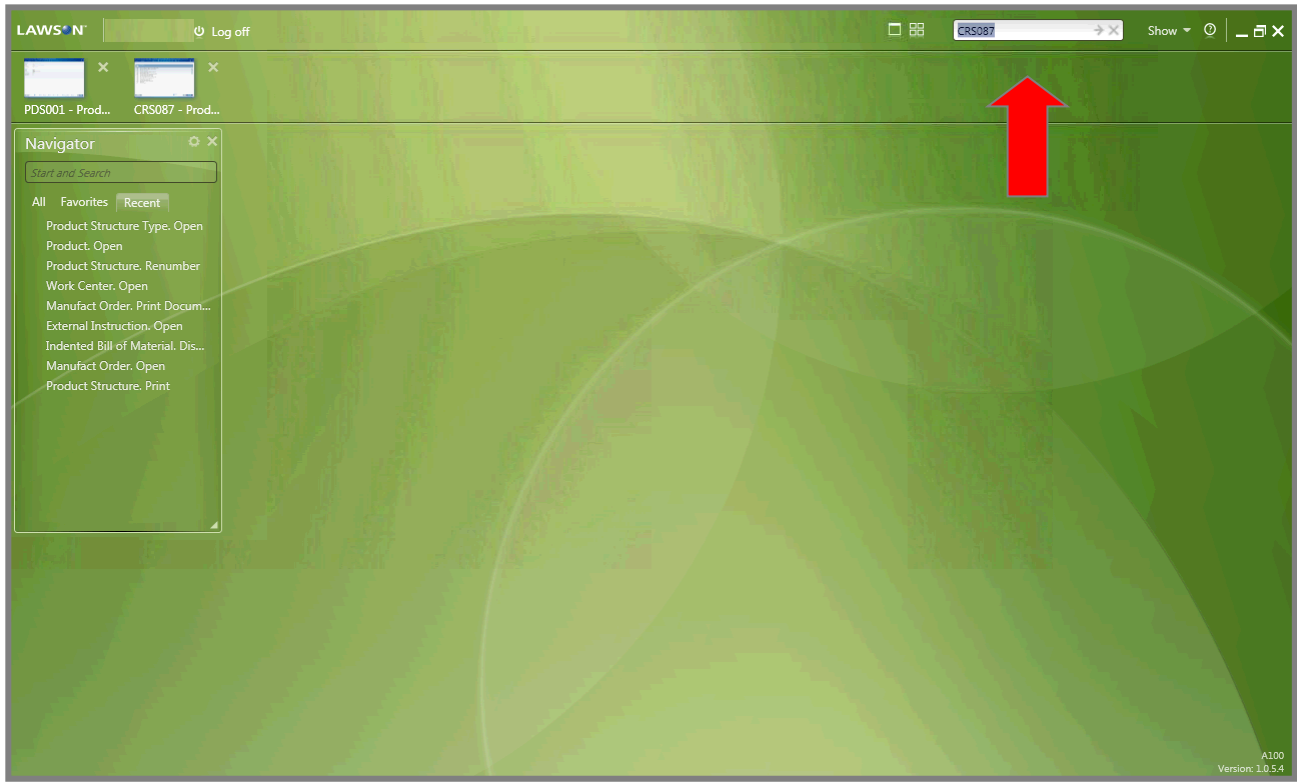The purpose of this module is to provide procedures for Creating an Alternate Product Structure.

Scope
The scope of this module is to demonstrate steps required in Creating an Alternate Product Structure.

Process Flow
The following flow chart represents the process of Creating an Alternate Product Structure in M3:

```
┌──────────────────┐    ┌──────────┐    ┌──────────────────┐    ┌──────────────────┐
│ Create New       │    │ Open     │    │ Enter New Product│    │ Enter Description│
│ Product Structure│───▶│ CRS087   │───▶│ Structure Type in│───▶│ and Name in      │
│ Type if Required │    │          │    │ Stp Field/Create │    │ CRS087 Panel     │
│                  │    │          │    │                  │    │ E/Next/Close     │
└──────────────────┘    └──────────┘    └──────────────────┘    └──────────────────┘

┌──────────────────┐    ┌──────────┐    ┌──────────────────────┐    ┌──────────────────┐
│ Create Alternate │    │ Open     │    │ Copy Standard Product│    │ Right-Click on   │
│ Product Structure│───▶│ PDS001   │───▶│ Structure/Enter      │───▶│ Product Name/    │
│                  │    │          │    │ Product Name in Name │    │ Select Copy      │
│                  │    │          │    │ Field/Refresh        │    │                  │
└──────────────────┘    └──────────┘    └──────────────────────┘    └──────────────────┘

┌──────────────────┐    ┌──────────────┐    ┌──────────────┐    ┌──────────┐
│ Enter Product    │    │ Enter Product│    │ Change Fields│    │          │
│ Structure Type in│───▶│ Structure    │───▶│ if required  │───▶│ Close    │
│ Structure Type   │    │ Type Name in │    │ in Panels F, │    │          │
│ Field/Next       │    │ Text Field/  │    │ G, and M3    │    │          │
│                  │    │ Next         │    │ Text         │    │          │
└──────────────────┘    └──────────────┘    └──────────────┘    └──────────┘

┌───────────────────────────────────────┐    ┌──────────────────────────┐
│ Change, Insert or Delete operations in │    │ Renumber new Alternate   │
│ New Alternate Product Structure as      │───▶│ Product Structure. (Refer│
│ required. (Refer to M3 Procedure on     │    │ to M3 Procedure on       │
│ Adding or Updating Material/Tooling in  │    │ Renumbering a Product    │
│ a Product Structure)                    │    │ Structure)               │
└───────────────────────────────────────┘    └──────────────────────────┘

┌──────────┐    ┌──────────────┐    ┌──────────────────┐    ┌──────────────────┐
│ Open     │    │ Right-Click  │    │ Change Status to │    │ Click on Back and│
│ PDS001   │───▶│ on Product   │───▶│ 20-Released/Next │───▶│ Verify New       │
│          │    │ Name/Select  │    │                  │    │ Alternate Product│
│          │    │ Change       │    │                  │    │ Structure Status │
│          │    │              │    │                  │    │ is 20            │
└──────────┘    └──────────────┘    └──────────────────┘    └──────────────────┘
```

Step	**Result**
1. In the **START AND SEARCH** field, **type** "**CRS087**" and **press** the **ENTER** key.	The CRS087/B screen appears.
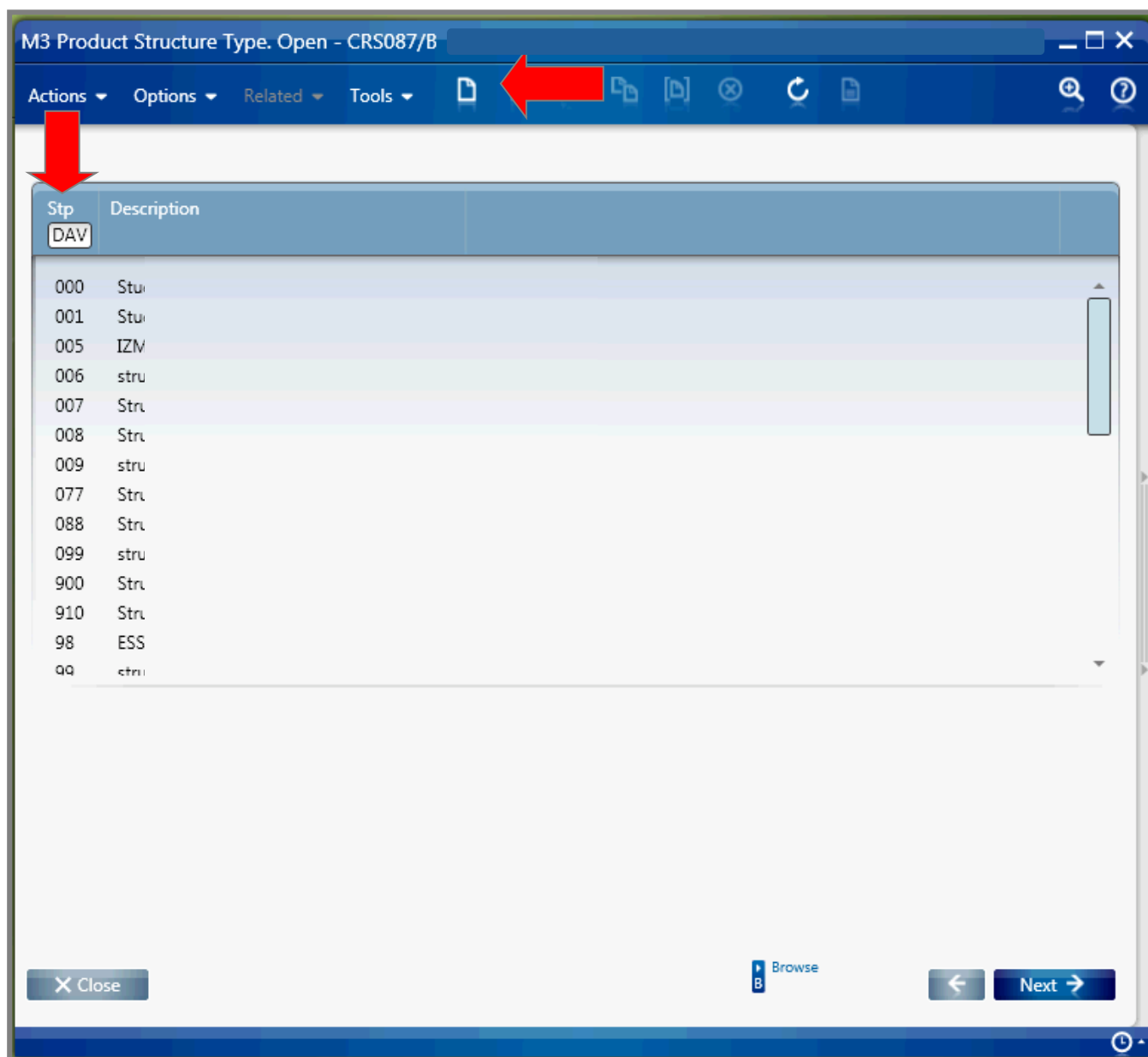
Step	Result
1. In the **CRS087/B** screen, **type** a new product structure type in the **STP** field.	The new product structure type appears in the STP field.
2. **Click** the **CREATE** button.	The CRS087/E screen appears.

Step	Result
1. In the **CRS087/E** screen, **type** a description in the **DESCRIPTION** field.	The description appears in the DESCRIPTION field.
2. In the **NAME** field, **type** a name of the description.	The name of the description appears in the NAME field.
3. **Click** the **NEXT** button.	The CRS087/B screen appears.
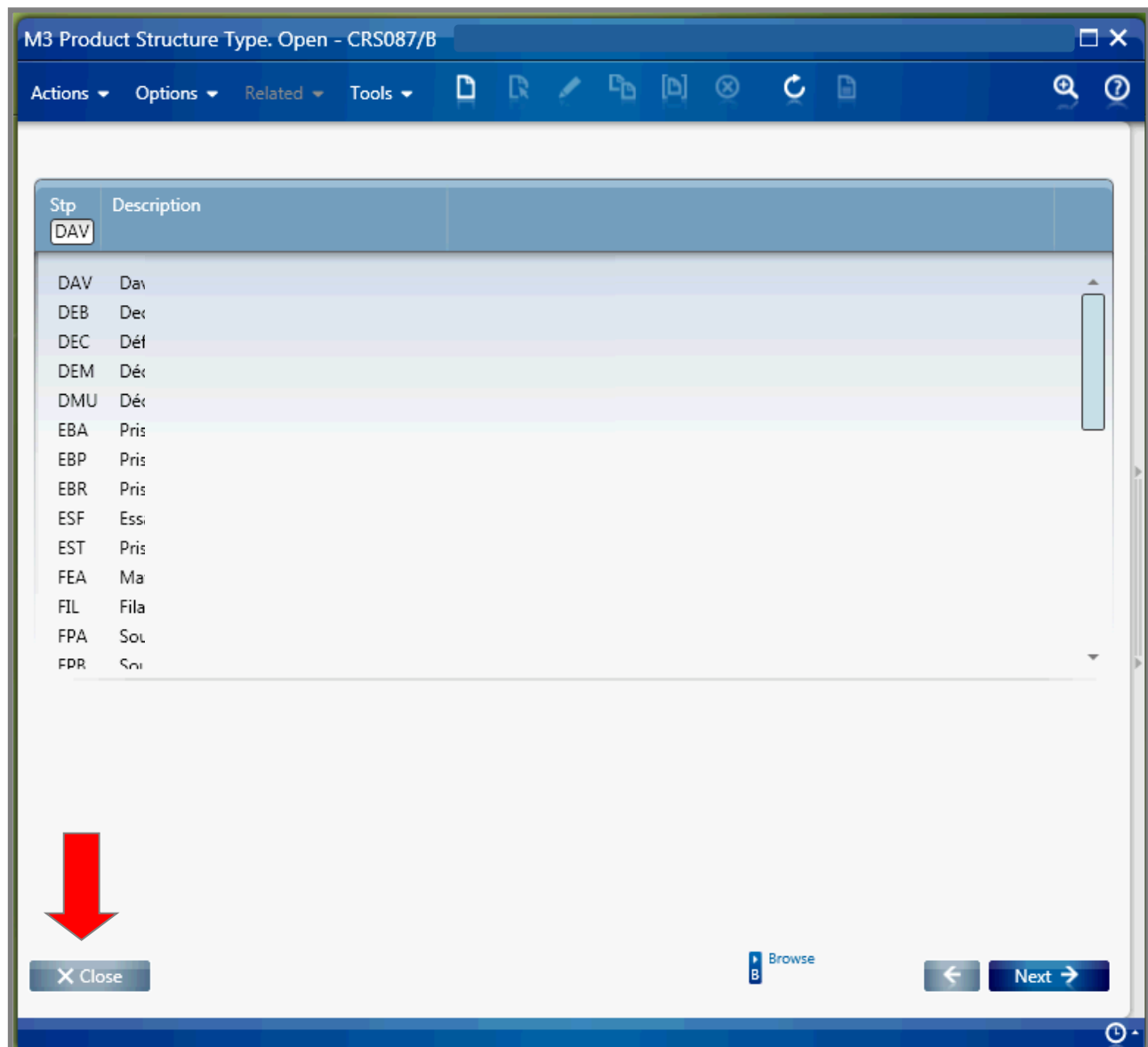
Step	Result
1. In the **CRS087/B** screen, **click** the **CLOSE** button.	The CRS087/B screen closes.