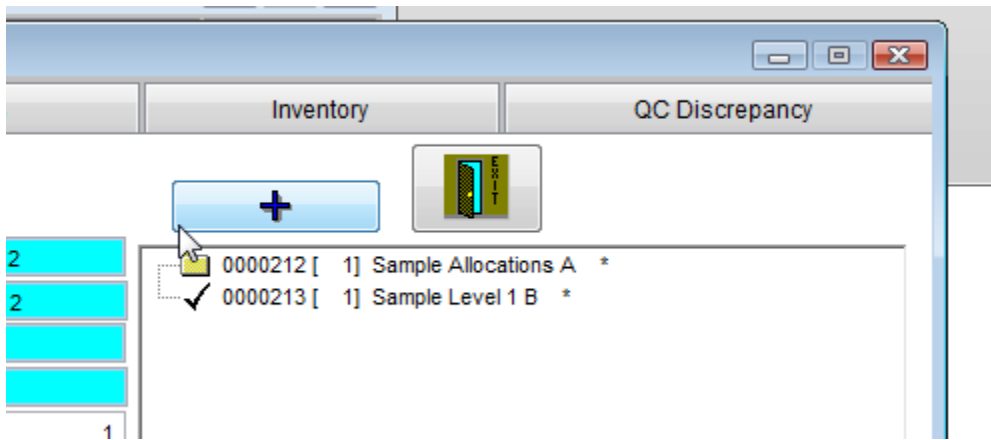


# HOW TO: Exploded Allocations

What are allocations and how are they calculated. Allocations are demand for a product and the sales order module creates demand for the product the customer wishes to purchase.

## Standard Allocations

A router is a finished goods item that can be made of child routers. An example router with a child is shown below

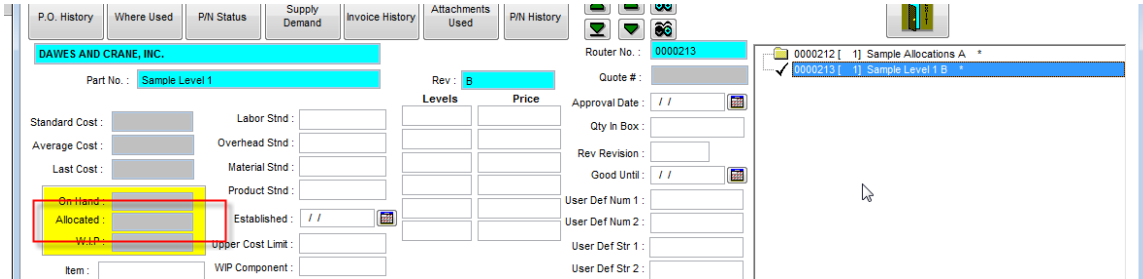


When you enter a sales order in MIE Trak, the Quantity Allocated value goes up for that top level item on the sales order.

The screenshot shows a sales order entry form. The 'On Hand' and 'Allocated' fields are highlighted in yellow. The 'Quantity Due' column in the table below is highlighted in red.

Lot	Item	Due Date	Qty Due	Qty Ship	Status	P	Promised	Released	E
1		07/01/2010	100		Unfilled		07/01/2010	/ /	0
2		08/01/2010	100		Unfilled		08/01/2010	/ /	0

The quantity allocated does not go up for the child router. This is way MIE Trak works and the reason for this is a router can change by adding children, removing children, etc during the engineering and work order process.



## How to see all the exploded children allocations?

MIE Trak allows you to do a snapshot in time and explode all the child components with their appropriate allocations. Goto the following menu item as shown below. You can select one of two options

1. Standard - Changes all the allocations so they are back to the top level and no children allocations are recorded
2. Exploded – Changes all the allocations so that all the child allocations are calculated at a point in time. NOTE : If another sales order is entered only the top level routers allocations are adjusted, not the children. That is why we call it a point in time and you can run this a once a day or as required.

