

## Exercise 1: Set up a Manual Production Wave

**USMF** is planning to use the advanced warehouse management features to process production orders. Vince, the Operations manager, has asked you to create a production wave

Set up a manual production wave.

1. Open **Warehouse management > Outbound waves > Production waves > All production waves**.
2. Select **New** in the action pane.
3. Type **Testing WH 51** in the **Wave description** field.
4. Select **51 Production** in **Wave template name**.
5. Click **OK**.
6. Click **Process**.
7. Close the window.

### Set up Reservations to Require Full Reservation

Vince the Operations Manager at **USMF** needs to implement a new policy to help the flow of production. The new policy states that a production order cannot start for certain products at **USMF** company unless all raw materials are available. Your task is to set up reservation requirements to require all materials in order to start production on a new product, and then test the settings on a new production order.

Configure the production control parameters to require full reservation.

1. Open **Production control > Setup > Production control parameters**.
2. Click the **Release to warehouse / Requirement for material reservation** drop-down box.
3. Select **Require full reservation**.
4. Click **Save**.
5. Close the window.

Create a new production order and verify the reservation settings.

1. Open **Production control > Production orders > All production orders**.
2. Click **New production order**.
3. Select **Item number D0002**.
4. On the right side of the form, Verify the Release to warehouse field is set to **Require full reservation**.
5. Click **Create**.
6. Close the window after the production order is created.

## Exercise 2: Define Input Locations for Resource Consumption

Designate an input location for the USMF company Cabinet polishing resource group.

Designate an input location.

1. Open **Organization administration > Resources > Resource groups**.
2. Select resource group **1120 Cabinet assembly**
3. Click **Edit** on the action pane
4. On the **General** tab, select the input warehouses and locations in the **Locations** field group.
5. Select Warehouse **11** from the drop-down menu for each.
6. Click Save.
7. Close the form.