

Shop floor schedule

- Introduction
 - Introduction
- Execution
 - Form Execution
 - Action

Introduction

Introduction

Introduction

This Form is used to start and stop the Individual operations of the manufacturing order. This is an alternate form to creating Activity Control Report.

Business Example

In a Manufacturing Industry once the manufacturing order is released and material for production is received from stores. The shop floor operator will start & stop production operations. For tracking what is the time it takes to complete (Duration real) the operation,

Execution

Form Execution

Home (31) Shop Floor Schedule: 1000024 Shop Floor Queue

Plant/Production Line: Acer Monitor 1 Shop Floor Schedule: Manufacturing Order: Product: Project:

Work Center	Status	Operator	Order	Product	Operation	InProgress Qty	Completed Qty	Required Qty	Setup	Duration	Unit	Sch.Date	Act.Date	Sch.Fin.Date	Subcon	Qc
Manual	Run...	No Operator	80...	Back Cover_Back Cover	Coners...	10.00	0.00	10.00	0.00		Mi...	01/04/2...	01/04/2...	01/04/2...	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			80...	WIP001_Work In Progress001	Assem...	1.00	0.00	10.00	0.00		Mi...	11/07/2...	11/07/2...	11/07/20...	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			80...	1000086_Air Filter	Manual	4.00	0.00	4.00	0.00		Mi...	22/12/2...	22/12/2...	23/12/2...	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Order	Product	Operation	OpenQty	Completed Qty	Required Qty	Setup	Duration	Unit	Sch.Date	Act.Date
80...	Back Cover_Back Cover	Manual	2.00	4.00	6.00	5.00	50.00	Mi...	01/04/2...	01/04/2...
80...	EC/Bike/RE/23/01-19/01/2019_Printing Board	p2	10.00	0.00	10.00	2.00	50.00	Mi...	09/04/2...	
80...	1000005_Vetro 1 cpu	Packing	1.00	0.00	1.00	0.00	1.00	Mi...	17/06/2...	
80...	1000005_Vetro 1 cpu	Assemble	1.00	0.00	1.00	0.00	1.00	Mi...	17/06/2...	
80...	WIP001_Work In Progress001	Process...	10.00	0.00	10.00	0.00	100.00	Mi...	11/07/2...	

Selection fields

1) Manufacturing Order- Manufacturing order document number which are ready to process will be displayed. User can select the order document number and process the operations.

2) Work Center- This field will display the resources (Work center's) from Resource Master window, User can select a work center so that the operation which are mapped to the specific resource will be displayed.

3) Resource Group- This field will display the resource group from Resource group Master window, User can select a resource group so that the operation which are mapped to the resources from resource group selected will be displayed.

4) Plant/Production line :When the shop floor schedule check box is enabled in the manufacturing

work flow, the ready-to-process items will be shown. User can choose the name of the work flow

5)Shop floor schedule: Shop floor schedule document number which are ready to process will be displayed. User can select the order document number and process the operations.

6)Product: This field will display the product master, and the user can choose a product master and process it.

7)Project: This field will display the project master, and the user can choose the details and process it.

Output fields (Record single/double)

Using above criteria for selecting system will display the below details for example

1.Manufacturing order number

2.Product

3.Operation

4.Open qty

5.Inprogress qty

6.Completed qty

7.Required qty

8.Setup

9.Duration

10.Unit

11.Schedule date

12.Act.Date

13.Sch.Finish.Date

14.Subcontract

15.Qc

Action

Action (Forms)

Ok

1) System will start or stop the selected operation.

2) While starting the operation system will create a Activity control document with the required field updated and keep the document in In progress status.

3) While stopping the operation system will update the movement quantity in the Activity control Report and Complete document.

4) After The stop operation is completed the operation will be taken out from the Production Que.

Close

Display

System will display the records for as per the selection criteria.

a) If manufacturing order is selected system will verify the manufacturing order document number and operation which are not completed will be displayed.

b) If work center is selected system will verify the all the manufacturing order which are ready to process with the resource selected and display the records.

c) If Resource group is selected system will verify the all the manufacturing order which are ready to process with the resource group and display the records.

Zoom/details

Delete

Add

Refresh

Refresh or Re-query - If no selection is provided using this button system will display the records of operation which are ready to process.

Reset

System will reset the selection criteria's. Back to Empty.

<Custom Buttons>

1) Start Operation- While clicking this button system allows you to select operator name and Quantity that need to be produced.

- 2) Stop Operation - Allowing the System to Enter the End Quantity that need to be processed.
- 3) Change Resource- System allows to change the resource which is allocated for the operation.
- 4) Show PR- If the operation is subcontract once the operation is started, System will generate a requisition document. By selecting the operation and clicking this button system will Zoom into the Requisition created for that operation.
- 5) Download- This button download the datas from the production Queue screen as per selection criteria to an Excel Sheet.
- 6)Breakdown: While clicking this button system allows you to select the reason and Quantity details
- 7)Change operator: The system allows to change the operator while click the button
- 8)Issue material: when clicking the button We can select the issue material and process it after the system populates the issue form.
- 9)Production confirmation: When you click the button, the system allows you to make an entry for production confirmation
- 10)Move qty: When click the button, system allow to make the entry
- 11)Change tools: The system allows to change the tools while click the button
- 12)Operator entry :When click the button, Allow the system to use a single resource in opposition to multiple operator entries.