

Material Planning

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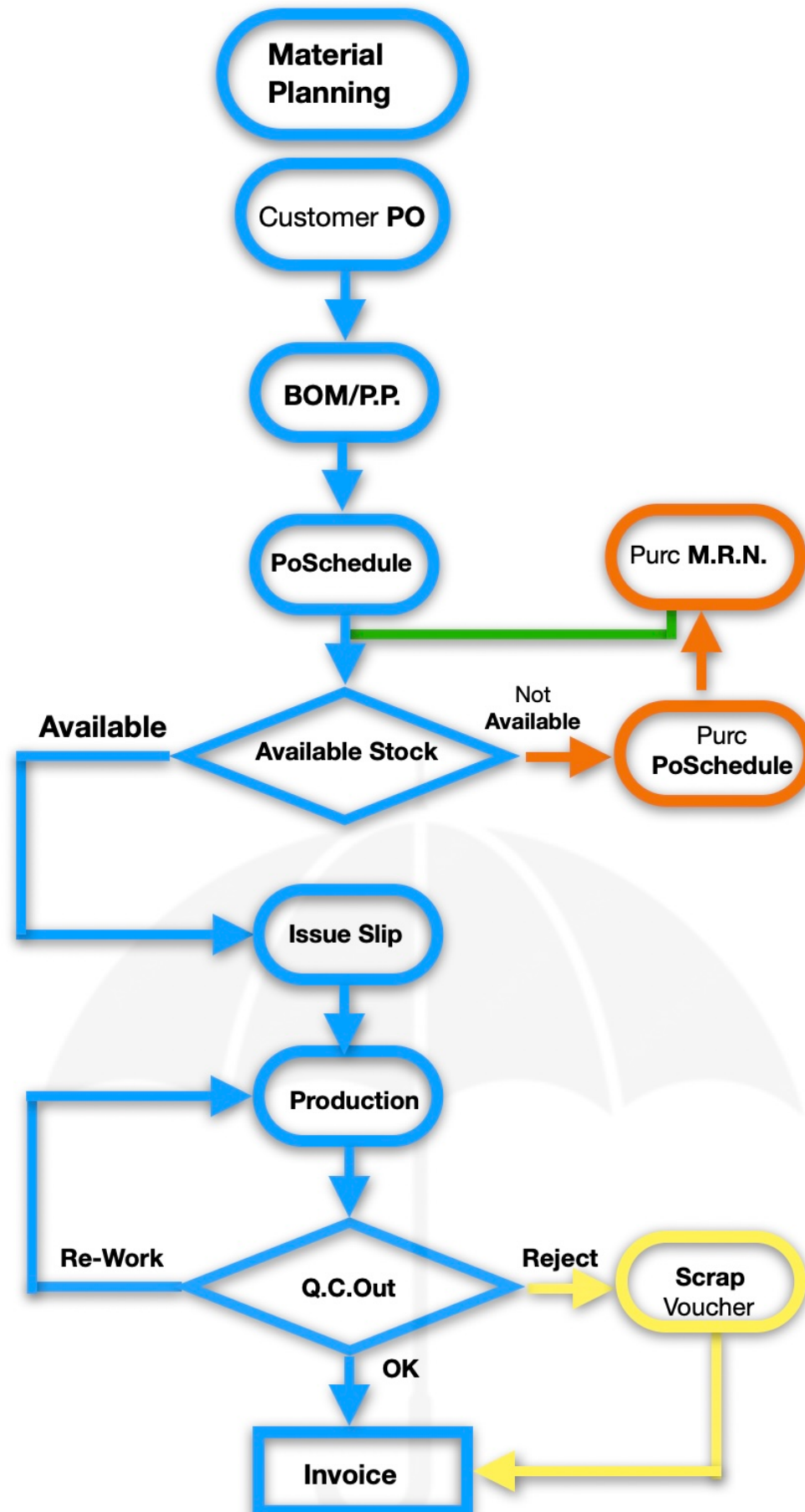
Introduction

Material planning is a crucial process that relies on the orders placed by the customer. Based on the customer's requirements and the combination of all the child parts included in it, we prepare a bill of material which helps us determine how much material is available and how much we need to purchase from outside sources. To complete this process, we have developed a option called material planning that allows us to drill down on such requirements and obtain a clear picture of the quantity of material we need and how much we can issue from our stock. Once we enter the relevant documents, more reports become available to us, which we use to generate the necessary sales invoice. By following this entire flow chart, we ensure that all the documents are issued, which ultimately results in a successful sales invoice.

In order to ensure efficient metal production, it is imperative that we carefully consider the customer's purchase order.

By taking into account the specific quantity and schedule preferences provided by the customer, we can effectively book their order.

To generate a detailed customer schedule, we require a purchase order from the customer, which allows us to accurately plan and execute the production process.



कुशल Material Production सुनिश्चित करने के लिए, यह जरूरी है कि हम ग्राहक के Sale Order पर सावधानीपूर्वक विचार करें।

ग्राहक द्वारा प्रदान की गई Quantity और Schedule प्राथमिकताओं को ध्यान में रखकर, हम प्रभावी ढंग से उनका ऑर्डर बुक कर सकते हैं।

एक customer Schedule तैयार करने के लिए, हमें ग्राहक से एक Purchase Order की आवश्यकता होती है, जो हमें Production Process की सटीक योजना बनाने और Dispatch Invoice करने की नुमति देता है।

BOM / Process Planning

A bill of materials is like a recipe for making a finished product. It includes all the materials, scrap, and child parts that are required to assemble a product. You can also create a process plan that outlines the stages involved in manufacturing a product, including the tools and manpower required for each stage. Vijay ERP helps you keep track of all this information and generates reports that help management make informed decisions, such as determining dispatch dates for customers.

**BOM**



FG-PartNo #
6048

BuringLoss-PartNo #
SCRAP>SCRAP

Scrap-PartNo #
SCRAP>SCRAP

FG-Item Name #
BALL

UOM#
NOS

Qty#
1

RM-Uom#
NOS

RM-Qty#
2.00000

%
0.000

UOM
KG

Qty#
0.00000

%
2.000

UOM
KG

Qty#
0.03000

No #
1

Item Name #
Select a Item

Unit #

Qty #
0

Action #
Add

Customer Schedule / inner Prod

 Schedule



Party Name : #

Select Name

PoNo #

Select Po

Entry No

Remark

Po Date #

25/10/2023

Schedule Date #

25/10/2023

Entry Date #

25/10/2023

Schedule No

Sr No.

Edit

PartNo

Item

Week-1

Week-2

Week-3

Week-4

TotalQty

Month

Delete

0

0

0

0

0

PartNo #

PartNo

Week-1 #

0

Week-2

0

Week-3

0

Week-4

0

Requirement Qty #

0

Month-Name #

October

Uom #

HSN Code #

Action

Add

The customer schedule is a document created against the purchase order which determines when specific materials are required in the production process. Weekly planning is done to determine how much material needs to be produced during each month. Essentially, this document serves as a basic planning tool and is crucial in ensuring a smooth production process.

Material Shortage List

Stock Balance as on
 

Month-Name

Output Option

Material Shortage List

Material Excess List

All List

Based on the customer's schedule and bill of materials, it is possible to determine the quantity of material that is lacking and the quantity that is in excess. How can we ensure that the inventory for the current month is managed in such a way that there are no shortages of any material in the production process?

Issue Material Slip

When we issue a slip, it reduces the stock and sends it to production or another designated location. It's important to keep in mind that the stock being issued should belong to a specific batch number and the issuer should also be aware of the location where the stock is being sent. This issue has been raised in regard to the proper management of locations.

 **Issue Slip** 

SlipNo #

Date #
 

Employee Name #

Machine Name #

Manual Slip No

Sr No.	Location	BatchNo	Item	PartNo	Hsncode	Qty	Pcs	Rate	Uom	Amt	Sub_remark	Delete
						0				0		

PartNo #

Location #

BatchNo #

Qty #

Pcs #

Rate #

Uom #

HSN Code #

Amount

Remark

Item-Stock

Action

Remark

Action

Production

The success of the entire company is heavily dependent on the production segment. The quality of our production and timely delivery is the key to our increased profits.

Conversely, if we fail to maintain high standards during production, we will encounter rejections and losses.

The production slip is a vital tool that plays a crucial role in our production process. It enables us to keep track of the quantity of material that is consumed and produced, identify the causes of any defects in our products, and detect any faults in the machines.

The production slip provides detailed information about the frequency of any faults that occur, and the reasons behind them.

Additionally, we can also record the efficiency of our employees in the production slip. The productivity of our machines is heavily reliant on their operators, so it's essential to keep track of their efficiency.

The production slip is a comprehensive tool that allows us to manage and optimize our production process, ensuring that we maintain high-quality standards and meet our customers' expectations.

Q.C.

Ensuring quality control after production is crucial to ensure that only the acceptable quantity is dispatched. In case a product fails to meet the quality standards, the reason for rejection must be recorded. If the product can be reworked, it is sent to that stage to make it acceptable; otherwise, it is moved to the red bin. The scrapped product is documented after it is discarded.

Sale Invoice
