

For Smart Factory



Operating |
User |

MANUAL



MES 3D

ERP + MES + SCADA

Auto & S.I

User Manual

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I. Master Pre Manufacturing

Information on the list of master pre-production forms

Step by step:

1. Search function
2. Master Pre-production form information
3. Excel file download function
4. Click "Create" to create. See the next slide

	Semi Product	Cutting Tree	Tree Number	Work Start Date	Work End Date	Target Weight	Actual Weight	Target Qty	Actual Qty	Status
<input type="checkbox"/>	MPMO/00013 <small>Semi-T4C3-(2.0-3.5)-17inch-18K...</small> <small>Semi-HC-070(6.5)-18K-W-2.10gr...</small>	18K-W-GoldTree	2	05/03/2024 13:46:50	05/03/2024 13:46:50	0.00	372.00	100	20.00	Done
<input type="checkbox"/>	MPMO/00012 <small>Semi-MC-199(3.5X9)-18"-14k-3...</small>	18K-W-GoldTree	1	05/03/2024 12:58:56	05/03/2024 12:58:56	0.00	0.00	100	0.00	Created PMO
<input type="checkbox"/>	MPMO/00011 <small>Semi-T4C3-(2.0-3.5)-17inch-18K...</small> <small>Semi-HC-070(6.5)-P-18K-W-2.1g...</small>	18K-W-GoldTree	2	04/03/2024 15:29:08	04/03/2024 15:29:08	0.00	0.00	100	0.00	In Progress
<input type="checkbox"/>	MPMO/00010 <small>Semi-T4C3-(2.0-3.5)-VN-17inch...</small>	18K-W-GoldTree	1	04/03/2024 09:20:09	04/03/2024 09:20:09	5,000.00	100,000.00	100	50.00	Done
<input type="checkbox"/>	MPMO/0000... <small>Semi-HC-070(6.5)-P-18K-W-2.1g...</small> <small>Semi-T4C3-(2.0-3.5)-VN-17inch...</small>	18K-W-GoldTree	1	01/03/2024 15:40:37	01/03/2024 15:40:37	0.00	292.00	100	15.00	Done
<input type="checkbox"/>	MPMO/0000... <small>Semi-HC-070(6.5)-P-18K-W-2.1g...</small>	18K-W-GoldTree	1	29/02/2024 13:52:47	29/02/2024 13:52:47	100.00	62.00	100	10.00	Done
<input type="checkbox"/>	MPMO/00007 <small>S-HC-070(6.5)-18K-W-2.10gr-1.2...</small> <small>S-HC-070(6.5)-18K-W-2.10gr-1.2...</small> <small>S-HC-070(6.5)-18K-W-2.10gr-1.2...</small>	Silver TREE CUTTIN...	6	28/02/2024 16:59:44	28/02/2024 16:59:44	0.00	60.00	100	6.00	Done
<input type="checkbox"/>	MPMO/0000... <small>Semi-T4C3-(2.0-3.5)-VN-17inch...</small> <small>Semi-HC-070(6.5)-P-18K-W-2.1g...</small>	18K-W-GoldTree	3	28/02/2024 15:28:44	28/02/2024 15:28:44	0.00	442.00	100	20.00	Done
<input type="checkbox"/>	MPMO/00002 <small>Semi-T4C3-(2.0-3.5)-VN-17inch...</small> <small>Semi-HC-070(6.5)-P-18K-W-2.1g...</small>	18K-W-GoldTree	2	28/02/2024 14:44:45	28/02/2024 14:44:45	0.00	0.00	100	0.00	In Progress
<input type="checkbox"/>	MPMO/00001 <small>Semi-T4C3-(2.0-3.5)-VN-17inch...</small>	18K TREE CUTTING	1	28/02/2024 09:37:52	28/02/2024 09:37:52	1000.00	0.00	100	0.00	In Progress



I. Master Pre Manufacturing

Add a pre-production output quantity target

Master Pre Manufacturing /

✓ Save ✕ Discard

Cancel

MPMO #

Semi Cutting Tree

Target/Actual Weight

500.00 / 0.00 g

Target/Actual Qty

1 / 0 pcs

Order PMO

Print Labels

Recast List

Complete

Product	Number	MMO #	MMO Qty	Target Qty	UoM	Balance Qty	Remark
SEMI-T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12		0	0	10	pcs	0.00	
Add a line							

Transfer	Created on	Product	Lot/Serial Number	From	To	Done	Status...
<input checked="" type="checkbox"/>	03/28/2024 16:55:05	SEMI-T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12	T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12-PLI...	WH/REC	WH/Fac1/Metal Tree	25.50	Done

Step by step:

1. The "Order" tab contains information about the target list of output semi-finished products for pre-production
2. Fill in information:
 - Product
 - Number
 - MMO#
 - Target Qty
3. Or click "Recast List" to select semi-finished products to wait for recasting
4. Tick to the semi-finished product and click "Confirm".
5. Click "Complete" to complete the process and change to the next state



I. Master Pre Manufacturing

PMO Setting

Step by step:

- At the “PMO” tab, after “Confirm”, the PMO list will automatically display after confirming the target. Each PMO will correspond to 1 process. The PMO list will automatically update on the “PMO” page.
- Select in the information:
 - Item QC Form: PQC check function
 - Item QC: Tick if the process has Item QC check
 - PQC Check: Tick if the process has PQC check
 - Disposal: Check and return the remaining gold to recasting
- Click “add” to add materials to use for the process
- Select the material to use, then click “Confirm” to confirm.
- Click “Complete” to continue.

The screenshot shows the 'Master Pre Manufacturing' interface. A modal window titled 'Add material' is open, showing 'PMO # PMO/00052' and 'Process Wax Tree'. The 'Material' list contains 'WaxResin'. A red dashed box highlights the 'Confirm' button in the modal, with a callout '4' and a hand icon pointing to it. Below the modal, a table lists PMO entries. A red dashed box highlights the 'PQC Form', 'Item QC', 'PQC Check', and 'Disposal' columns for the first three rows, with a callout '2' and hand icons pointing to the checkboxes. The third row (PMO/00054) has 'PQC Form' checked, 'Item QC' checked, 'PQC Check' checked, and 'Disposal' checked. A red dashed box highlights the '+ add' button in the third row, with a callout '3' and a hand icon pointing to it. Another red dashed box highlights the 'Complete' button in the top right of the table area, with a callout '5' and a hand icon pointing to it. A callout '1' points to the 'PMO' tab in the top left. The table data is as follows:

Reference	Process	Source Location	Destination Location	PQC Form	Item QC	PQC Check	Disposal	Actual Weight	Actual Qty	Material	Status
PMO/00052	Wax Tree	WH/Fac1/Wax Tree	WH/Fac1/Metal Tree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0.00	0	WaxResin	Draft
PMO/00053	Metal Tree	WH/Fac1/Metal Tree	WH/Fac1/Metal Tree Cutting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0.00	0	18K-W-GoldBar	Draft
PMO/00054	Metal Tree Cutting	WH/Fac1/Metal Tree Cutting	WH/Fac1/HM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.00	0		Draft



II. PMO (Pre Manufacturing Order)

Carry out the Wax Tree, Metal Tree and Cutting process

Step by step:

1. Click PMO in the list
2. Fill in the information:
 - PQC Form: PQC check form
 - Work Date
 - Target/Actual Weight.
3. Click "Save" to save
4. Click "Confirm" to confirm

Order **PMO**

Reference	Process	Source Location	Destination Location	PQC Form	Item QC	PQC Check	Disposal	Actual Weight	Actual Qty	Material	Status
PMO/00034	Wax Tree	WH/Fac1/Wax Tree	WH/Fac1/Metal Tree	PQC Form	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.00	0.00	WaxResin	Draft
PMO/00035	Metal Tree	WH/Fac1/Metal Tree	WH/Fac1/Cutting	PQC Form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0.00	0.00	18K-W-GoldBar	Draft
PMO/00036	Metal Tree Cutting	WH/Fac1/Cutting	WH/Fac1/HM	PQC Form	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.00	0.00		Draft

Master Pre Manufacturing / MPMO/00014 / PMO/00034

PMO # PMO/00034

PQC Form

Semi Cutting Tree 18K-W-GoldTree

Location WH/Fac1/Wax Tree → WH/Fac1/Metal Tree

Target/Actual Weight / 0.00 g

Source Document MPMO/00014

Work Date 06/03/2024 10:04:48 → 06/03/2024 10:04:48

Target/Actual Qty 1.00 / 0.00 pcs

Order	Item	Standby	Operation			
MPMO #	Product	Number	MMO #	MMO Qty	Target Qty	UoM
MPMO/00014	Semi-T4C3-(2.0-3.5)-VN-17inch-18k-25.02g-w-12pcs-5.12ct	5		0.00	500.00	pcs



II. PMO (Pre Manufacturing Order)

Add input materials to the process

Step by step:

1. The "Item" tab contains information about the list of materials to use
2. Material list information
3. Click "Check" to proceed with adding lots and entering the input quantity
4. Fill in the information :
 - Lot No
 - Received Weight

Then click "Confirm" to continue.

The screenshot displays two main forms in the PMS interface. The top form, titled "Receive Item", is used for adding materials. It contains fields for "MPMO/PMO", "Product", "Process", "Target Weight", "Item", "Lot No", "From", "Stock Qty", "Received Weight", "UoM", and "Confirmation Date". A red dashed box highlights the "Received Weight" field, which is being edited to "1.00". A blue callout "4" points to the "Lot No" field, which contains "LOT WAXRESIN". Below this form is a "Confirm" button, highlighted with a blue callout "1". The bottom form, titled "Semi Cutting Tree", contains fields for "PQC Form", "Location", "Target/Actual Weight", "Process", "Work Date", and "Target/Actual Qty". A blue callout "2" points to the "Item" tab in the "Order" section. Below this form is a table with columns for "Item", "Lot No", "From", "Stock Qty", "Received Weight", "UoM", "Confirmation Date", and "Status". The table contains one row for "WaxResin" with a "Done" status. A red dashed box highlights the table. A blue callout "3" points to a "Check" button at the bottom right of the interface.



II. PMO (Pre Manufacturing Order)

Add workers, machines, and molds to the process

Step by step:

1. At the “Standby” tab
2. Điền các thông tin:
 - Step
 - Name/Code
 - Start Date
 - End Date
3. Then click “Save” to save

Master Pre Manufacturing / MPMO/00023 / PMO/00052

3 Save Discard

Draft In Progress Done

PMO #	PMO/00052	Source Document	MPMO/00023
PQC Form	PQC Form	Process	Wax Tree
Semi Cutting Tree	18K-W-GoldTree	Work Date	04/04/2024 08:39:23 → 04/04/2024 08:39:23
Location	WH/Fac1/Wax Tree → WH/Fac1/Metal Tree	Target/Actual Qty	1 / 0 pcs
Target/Actual Weight	1.00 / 0.00 g		

Order Item Standby Operation

Before & After

Step	Name/Code	Start Date	End Date	Before Weight	After Weight	Status
Wax tree - Man	Đào Thành Đặng *	04/04/2024 08:52:16			0.00	Not Yet

Add a line



II. PMO (Pre Manufacturing Order)

Enter the weight before and after production

Step by step:

1. Click the “Before & After” button
2. Fill in Before Weight and After Weight.
3. Then click “Confirm” to confirm.

Before & After

MPMO # MPMO/00010 Before Uom pcs
PMO # PMO/00033 After Uom pcs
Operation & Level Wax Tree & Level 1 Step Count 1
Product SEMI-18KWGOLDTREE-WAX

Level	Step	Staff	Before Weight	Record Date	After Weight	Record Date
1	Wax Tree	Nguyễn Hoàng Cẩn	0.00		0.00	

Confirm Close

Actual Weight 100 / 000 g

Order Item **Standby** Operation

Step	Name/Code	Start Date	End Date	Before Weight	After Weight	Status
Wax tree - Man	Đào Thành Đăng	04/04/2024 08:52:16		0.00		Not Yet

Add a line



II. PMO (Pre Manufacturing Order)

Create actual weight

Step by step:

1. At the "Operation" tab. Actual weight & qty information will be automatically updated after entering weight after weighing in the "Standby" tab.
2. Click "Actual" to edit
3. Fill in information Actual Weight. Then click "Confirm".

Master Pre Manufacturing /

✓ Save ✕ Discard

Actual Item

MPMO/PMO: MPMO/00023 / PMO/00052 Process: Wax Tree

Product: SEMI-18K-W-GoldTree-WAX-20240404085109 Target/Actual Weight: 1.00 / 0.00 g

Product	Actual Weight	UoM	Actual Qty	Confirm Date	Status
SEMI-18K-W-GoldTree-WAX-20240404085109	500.00 g	1 pcs			Waiting for Lot

PMO #

PQC Form

Semi Cutting Tree

Location

Target/Actual Weight

Confirm Close

Order Item Standby **Operation**

Semi Product	Actual Weight	UoM	Actual Qty	Lot Code	Confirm Date	Status
SEMI-18K-W-GoldTree-WAX-20240404085109	500.00 g	1 pcs				Waiting for Lot

Actual Lot Print labels



II. PMO (Pre Manufacturing Order)

Check PQC of output semi-finished products

Step by step:

1. Click the "PQC" button to conduct the check
2. Select semi lot from the list
3. Fill in the result information after checking. Then click "Submit" to confirm

Quality Checks Popup

MMO #	MO #	Product	QC Form	Lot Qty	Not Yet
MPMO/00014	PMO/00034	SEMI-18K-W-GoldTree-WAX-20240306111639	PQC Form	1	1

No	Actual Qty	Create Date	Status	Staff	OK g	NG g	OK pcs	NG pcs	Date	Judgement
1	500	2024-03-06 06:29:17	Not Yet	my	495	5	1		06/03/24	OK

QC Type	QC Process	QC Code	Method	Frequency	Input	Judgement
Visual PQC	PQC	Missing Wax	By eyes	Check All	5	OK
Visual PQC	PQC	Unformed	By eyes	Check All	0	OK
Visual PQC	PQC	Unformed Bezel/Component	By eyes	Check All	0	OK
Visual PQC	PQC	Bubble/Crack/Deform	By eyes	Check All	0	OK
Visual PQC	PQC	Burr/ Water drop	By eyes	Check All	0	OK
Visual PQC	PQC	Poor Workmanship Soldering/Filing	By eyes	Check All	0	OK
Visual PQC	PQC	Over grinding	By eyes	Check All	0	OK
Visual PQC	PQC	Others	By eyes	Check All	0	OK

SUBMIT **CLOSE**

Target/Actual Weight: 100 / 000 g

Order Item Standby **Operation**

Semi Product	Actual Weight	UoM	Actual Qty	UoM	Lot Code	Confirm Date	Status
SEMI-18K-W-GoldTree-WAX-20240306111639	500.00 g		100 pcs			06/03/2024 14:13:49	Waiting for QC

QC **Actual** **Print labels**



II. PMO (Pre Manufacturing Order)

Create lot of semi-finished products

Step by step:

1. Click "Lot" to create
2. Select "Create" to confirm lot creation
3. Click "Print labels" to print QR

The screenshot displays the 'Create Lot' dialog box and the main data table. The dialog box is titled 'Create Lot' and contains the following information:

MPMO/PMO	MPMO/00025 / PMO/00055	Process	Wax Tree
Product	SEMI-18K-W-GoldTree-WAX-20240404090426	Lot Qty	2

At the bottom of the dialog box, there are two buttons: 'Create' and 'Close'. A red dashed box highlights the 'Create' button, with a callout '2' pointing to it.

The main data table below the dialog box has the following columns: PMO #, PQC Form, Semi Cutting Tree, Location, Target/Actual Weight, Process, Work Date, Target/Actual Qty, and Status. The table contains one row of data:

PMO #	PQC Form	Semi Cutting Tree	Location	Target/Actual Weight	Process	Work Date	Target/Actual Qty	Status
	18K-W-GoldTree	18K-W-GoldTree	WH/Faci/Wax Tree → WH/Faci/Metal Tree	1.00 / 0.00 g	Wax Tree	04/04/2024 09:03:51 → 04/04/2024 09:03:51	1 / 0 pcs	Waiting for Lot

At the bottom of the table, there are three buttons: 'Actual', 'Lot', and 'Print labels'. A red dashed box highlights the 'Lot' and 'Print labels' buttons, with callouts '1' and '3' pointing to them respectively.



II. PMO (Pre Manufacturing Order)

Return semi-finished NG products to the repair warehouse

Step by step:

1. Click the “Return NG” button to return
2. Click “Confirm” to confirm creating the return form.

Master Pre Manufacturing

[Edit](#) [+ Create](#)

[Complete PMO](#)

PMO #

PQC Form

Semi Cutting Tree

Location

Target/Actual Weight

Return NG

MPMO/PMO: MPMO/00025 / PMO/00055 Process: Wax Tree

Target/Actual Weight: 1.00 / 500.00 g Target/Actual Qty: 1 / 1 pcs

Product: SEMI-18K-W-GoldTree-WAX-20240404090426 Create as 1 Return Order:

Lot/Serial Number	Return Order	From	To	Actual Weight	UoM	Actual Qty	UoM
WAX-5.0g-0pcs-240404-001		WH/Fac1/Wax Tree		5.00 g		0 pcs	

[Confirm](#) [Close](#)

Order Item Standby **Operation**

[Return NG](#) [Print labels](#)

Semi Product	Actual Weight	UoM	Actual Qty	UoM	Lot Code	Confirm Date	Status
SEMI-18K-W-GoldTree-WAX-20240404090426	500.00 g		1 pcs		WAX-495.0g-1pcs-240404-001 WAX-5.0g-0pcs-240404-001	04/04/2024 09:04:56	Done



II. PMO (Pre Manufacturing Order)

Disposal process (return of remaining gold amount)

Step by Step:

1. Proceed by clicking the “Disposal” button.
2. Weight of received gold tree – the weight of the cut product is displayed. Press the “R” button to move the remaining amount to MES > MMS > Recasting List.
3. Close the window by pressing the “Close” button.
4. Click the “Complete” button to complete the MPMO.

Disposal
✕

MPMO/PMO: MPMO/00132 / PMO/00456 Process: Metal Tree Cutting

Product: 18K-W-GoldTree Target/Actual Weight: 1.00 / 15.00 g

Item	From	Lot Code	Received Weight	UoM	Used Qty	Remain Qty	Remark
SEMI-18K-W-GOLDTREE-CAS_TRE-20240612152527	WH/Fac1/Metal Tree Cutting	CAS_TRE-2152g-240612-001	21.52 g		15.00	6.52	Input F R

MES KPI

Master Pre Manuf

Save Close

Save Discard

Cancel Complete Draft In Progress Done

1/1 < >

PMO #: PMO/00456 Source Document: MPMO/00132

PQC Form: PQC Form Process: Metal Tree Cutting

Semi Cutting Tree: 18K-W-GoldTree Work Date: 06/12/2024 15:08:56 → 06/12/2024 15:08:56

Location: WH/Fac1/Metal Tree Cutting → WH/Fac1/HM Target/Actual Qty: 20 / 20 pcs

Target/Actual Weight: 1.00 / 15.00 g

Order Item Standby **Operation**

1 Disposal Return NG Print labels

Semi Product	Actual Weight	UoM	Actual Qty	UoM	Lot Code	Confirm Date	Status
SEMI-HC-070(6.5)-18K-W-210gr-120	15.00 g		20	pcs	HC-070(6.5)-18K-W-210gr-120...	06/12/2024 15:28:03	Done



III. Alloy

Alloy production list information

Step by step:

1. Search function
2. Alloy production order information
3. Excel file download function
4. Click "Create" to create. See the next slide.

	FG Product	Product Code	Process	Scheduled Date	Origin Qty	Target Weight	Actual OK Weight	Status	Created by	Created on
<input type="checkbox"/>	MO/00172	18K-W-GoldBar	Alloy	06/03/2024 10:10:58	0.00	1,000.00	997.00	Done	Administrator	06/03/2024 10:11:26
<input type="checkbox"/>	MO/00151	Silver Alloy	Alloy	05/03/2024 13:03:46	0.00	0.00	0.00	In Process	Administrator	05/03/2024 13:03:51
<input type="checkbox"/>	MO/00145	18K-W-GoldBar	Alloy	04/03/2024	0.00	0.00	0.00	In Process	Administrator	04/03/2024 18:52:34
<input type="checkbox"/>	MO/00144	18K-W-GoldBar	Alloy	04/03/2024 18:48:07	0.00	0.00	0.00	In Process	Administrator	04/03/2024 18:48:16
<input type="checkbox"/>	MO/00143	18K-W-GoldBar	Alloy	04/03/2024 18:42:07	0.00	100.00	0.00	In Process	Administrator	04/03/2024 18:42:18
<input type="checkbox"/>	MO/00142	18K-W-GoldBar	Alloy	04/03/2024 18:00:43	0.00	250.20	325.00	Done	Administrator	04/03/2024 18:00:58
<input type="checkbox"/>	MO/00131	18K-W-GoldBar	Alloy	04/03/2024 14:40:04	0.00	100.00	98.00	Done	Administrator	04/03/2024 14:40:22
<input type="checkbox"/>	MO/00099	18K-Y-GoldBar	Alloy	01/03/2024 12:57:55	0.00	1,000.00	1,326.60	In Process	Administrator	01/03/2024 12:58:28
<input type="checkbox"/>	MO/00058	Silver Alloy	Alloy	29/02/2024 12:54:24	0.00	1,000.00	100.00	In Process	Administrator	29/02/2024 12:54:30
<input type="checkbox"/>	MO/00057	Silver Alloy	Alloy	29/02/2024 12:53:25	0.00	1,000.00	0.00	In Process	Administrator	29/02/2024 12:53:32
<input type="checkbox"/>	MO/00054	18K-W-GoldBar	Alloy	29/02/2024 12:41:07	0.00	100.00	99.00	Done	Administrator	29/02/2024 12:41:25
<input type="checkbox"/>	MO/00053	Silver Alloy	Alloy	29/02/2024 12:34:33	0.00	1,000.00	500.00	In Process	Administrator	29/02/2024 12:35:01
<input type="checkbox"/>	MO/00051	18K-W-GoldBar	Alloy	29/02/2024 12:34:04	0.00	100.00	99.00	Done	Administrator	29/02/2024 12:34:28
<input type="checkbox"/>	MO/00048	14K-W-GoldBar	Alloy	29/02/2024 09:44:08	0.00	1,000.00	100.00	Done	Administrator	29/02/2024 09:44:18
<input type="checkbox"/>	MO/00047	18K-W-GoldBar	Alloy	29/02/2024 09:21:48	0.00	100.00	99.00	Done	Administrator	29/02/2024 09:22:07
<input type="checkbox"/>	MO/00046	18K-W-GoldBar	Alloy	29/02/2024 09:10:35	0.00	1,000.00	998.00	Done	Administrator	29/02/2024 09:11:41
<input type="checkbox"/>	MO/00023	18K-W-GoldBar	Alloy	28/02/2024 14:21:57	0.00	1,000.00	1.00	Done	Administrator	28/02/2024 14:22:10
<input type="checkbox"/>	MO/00021	18K-W-GoldBar	Alloy	28/02/2024 14:03:41	0.00	1,000.00	996.00	Done	Administrator	28/02/2024 14:04:21
<input type="checkbox"/>	MO/00010	18K-W-GoldBar	Alloy	28/02/2024 10:53:02	0.00	1,000.00	999.00	Done	Administrator	28/02/2024 10:53:13



III. Alloy

Create Alloy Work Orders

Step by Step:

1. Enter relevant information:
 - _ Product alloy type designation
 - _ BOM Designate the BOM version of the relevant alloy
 - _ Target / Actual Weight Target / Actual Weight
 - _ Work Date Work date
2. Confirm by pressing the “Confirm” button.

MES KPI PMS QMS MMS Repair Scrap Process Closing Report Lot/Serial Number

Alloy / New

Save Discard

Confirm 2 Draft In Progress Done

WO List

Product 18K-W-GoldBar Process & Level

BOM 18K-W-GoldBar - AU9999-LUX105 Created Date

Target / Actual Weight 1000 / 0.00 g Work Date 06/12/2024 08:00:00 → 06/12/2024 20:00:00

OK / NG Weight 0.00 / 0.00 g Line

Location →

Item Standby Operation

Item	Lot No	From	Stock Qty	Estimate	Received Weight	OK Weight	NG Weight	UoM	Confirmation Date
------	--------	------	-----------	----------	-----------------	-----------	-----------	-----	-------------------



III. Alloy

Enter input materials

Step by Step:

1. Proceed in the "Item" tab.
2. Display of materials registered in BOM.
3. Click the "Check" button to open the incoming material information window.
4. Enter relevant information:
 _ Lot No Lot Code
 _ Received Weight
 _ Received Qty Quantity received
5. Confirm by pressing the "Confirm" button.

** The "Estimate" column displays the estimated amount of gold and alloy needed compared to the target weight.

Receive Item
✕

MMO#		Product	18K-W-GoldBar
MO#	MO/01175	Target Weight	1,000.00 g
Process & Level	Alloy & Level 0	Target Qty	1.00 pcs

Item	Lot No	From	Stock Qty	Received Weight	UoM	Confirmation Date
ALY-LUX105-18K/14K-W	ALY-LUX105-18...	WH/Fac1/Alloy	502.78	250.00 Input	g	
AU9999	aaaa	WH/Fac1/Alloy	2,250.00	750.00 Input	g	

4

MES
3

Alloy / MO/

Save
Confirm
Close

Cancel
Complete MO
Draft
In Progress
Done

5

Product
18K-W-GoldBar
Process & Level
Alloy & Level 0

BOM: 18K-W-GoldBar - AU9999-LUX105

Target / Actual Weight: / 0.00 g

OK / NG Weight: 0.00 / 0.00 g

Location: WH/Fac1/Alloy → WH/Fac1/Metal Tree

Created Date: 06/12/2024 16:21:14

Work Date: →

Line:

Item
Standby
Operation
Setting
Check

Item	Lot No	From	Stock Qty	Estimate	Received Weight	OK Weight	NG Weight	UoM	Confirmation Date	Status
ALY-LUX105-18K/14K-W		WH/Fac1/Alloy	0.00	250.00	0.00	0.00	0.00	g		Waiting for Check Qty
AU9999		WH/Fac1/Alloy	0.00	750.00	0.00	0.00	0.00	g		Waiting for Check Qty

1

3

2



III. Alloy

Enter the actual weight before/after the process and the employees performing the process

Step by Step:

1. Proceed in the “Standby” tab.
2. Enter relevant information:
_ Step detailed process
_ Name/Code Name/Code
_ Start Date Start Date
_ End Date End date
3. Click the “Before & After” button to open the weight input window before/after work.
4. Enter weight value in conjunction with electronic scale.
5. Confirm by pressing the “Confirm” button.

Before & After
✕

MMO#		Product	18K-W-GoldBar
MO#	MO/01175	Step Count	1
Process & Level	Alloy & Level 0		

Level	Step	Staff	Before Weight	Record Date	After Weight	Record Date	Gap
1	Alloy - Man	Huỳnh Văn Trĩa	1,000.00 Input	06/12/2024 16:35:12	999.00 Input		0.00

Save
Confirm
Close

5

Product	18K-W-GoldBar	Process & Level	Alloy & Level 0
BOM	18K-W-GoldBar - AU9999-LUX105	Created Date	06/12/2024 16:21:14
Target / Actual Weight	<input type="text" value="1,000.00"/> / 0.00 g	Work Date	<input type="text" value="06/12/2024 08:00:00"/> → <input type="text" value="06/12/2024 20:00:00"/>
OK / NG Weight	0.00 / 0.00 g	Line	<input type="text"/>
Location	WH/Fac1/Alloy → WH/Fac1/Metal Tree		

1
Standby

3
Before & After

Level	Step	Name/Code	Start Date	End Date	Before Weight	After Weight	Gap	Check Status
1	Alloy - Man	Huỳnh Văn Trĩa	06/12/2024 16:21:15		1,000.00	0.00	0.00	Not Yet

2



III. Alloy

Enter actual weight and quantity after work

Step by Step:

1. Proceed in the "Operation" tab. The actual weight and quantity values are automatically displayed as the values entered in the previous step.
2. Can be modified by pressing the "Actual" button.
3. Actual weight, actual quantity, good quantity, defective quantity can be modified.
4. Confirm by pressing the "Confirm" button.
5. Issue lot by pressing "Detail" button.

Alloy / MO/OC

MMO# MO/00192 Process & Level Alloy & Level O

MO# MO/00192 Target / Actual Weight 200.00 / 100.00 g

Product 18K-W-GoldBar Can Be Produced Weight 266.666 g

Actual Item

Actual Weight OK Weight NG Weight Created on Status

No	Actual Weight	OK Weight	NG Weight	Created on	Status
1	100.00	100.00	0.00	04/04/2024 09:17:44	Waiting for Lot

Product BOM Target / Actual OK / NG Weight Location

Confirm Close

Item Standby Operation Setting

Actual

Detail



III. Alloy

Create Lot code

Step by Step:

1. Proceed from the “OK” tab.
2. Click the “Lot” button to open a pop-up.
3. Issue lots by pressing the “Create” button

Alloy / MO/00192 / 2

Target / Actual Weight 105.00 / 0.00 g

OK / NG Weight 100.00 / 5.00 g

Edit + Create

Back Create Close

MMO#	Product
MO/00192	18K-W-GoldBar
Work Date	BOM
04/04/2024 09:17:44	18K-W-GoldBar - AU9999-FLEXIA162
Target / Actual Weight	Process & Level
105.00 / 0.00 g	Alloy & Level 0
OK / NG Weight	
100.00 / 5.00 g	

OK NG

To	Lot/Serial Number	Weight	Created on	State



III. Alloy

Alloy Work Order Completed

Step by Step:

1. Complete the alloy work order by pressing the “Complete MO” button.

Alloy / MO/00192 / 2 / MO/00192

Edit

+ Create

Action

1/1 < >

Cancel

Complete MO

1

Draft

In Progress

Done

1 Shipping

WO List

Product	18K-W-GoldBar	Process & Level	Alloy & Level 0
BOM	18K-W-GoldBar - AU9999-FLEXIA162	Created Date	04/04/2024 09:17:42
Target / Actual Weight	200.00 / 105.00 g	Work Date	04/04/2024 08:00:00 → 04/04/2024 20:00:00
OK / NG Weight	100.00 / 5.00 g	Line	
Location	WH/Fac/Alloy → WH/Fac/Metal Tree		

Item Standby Operation Setting

Actual

No	Actual Weight	OK Weight	NG Weight	Created on	Status	
1	105.00	100.00	5.00	04/04/2024 09:17:44	Done	Detail



IV. Rubber Mold

Information on rubber mold production list

Step by step:

1. Information on Rubber Mold Creation Commands
2. Press the “Create” button to proceed with creating the rubber mold

MES KPI PMS QMS MMS Repair Scrap Process Closing Report KPI Dashboard TV											
Rubber Mold											
Search_											Q
2 + Create											1-10 / 10 < >
1											
MMO#	MO# ▲	FG Product	Product Code	Process	Scheduled Date	Origin Qty	Target Weight	Actual OK Weight	Status	Created by	Created on
	MO/00199	R-TN-1160-2.0+1		Rubber	04/04/2024 11:18:35	0.00	200.00	0.00	Draft	my	04/04/2024 11:18:51
	MO/00189	R-HC-070(6.5)-18K-W-2.10gr-1.20+1		Rubber	04/04/2024 08:00:42	0.00	0.00	10.00	In Progress	KHC	04/04/2024 08:08:16
	MO/00142	R-TN-1160-2.0+1		Rubber	04/03/2024 10:07:33	0.00	0.00	0.00	In Progress	Administrator	04/03/2024 10:07:37
	MO/00136	R-TN-1160-2.0+1		Rubber	04/03/2024 08:53:34	0.00	0.00	15.00	Done	Administrator	04/03/2024 08:53:41
	MO/00135	R-TN-1160-2.0+1		Rubber	04/03/2024 08:50:59	0.00	0.00	30.00	Done	Administrator	04/03/2024 08:51:06
	MO/00134	R-TN-1160-2.0+1		Rubber	04/03/2024 08:47:24	0.00	0.00	0.00	In Progress	Administrator	04/03/2024 08:47:28
	MO/00133	R-TN-1160-2.0+1		Rubber	04/03/2024 08:44:15	0.00	0.00	0.00	In Progress	Administrator	04/03/2024 08:44:25
	MO/00123	R-TN-1160-2.0+1		Rubber	04/02/2024 16:38:06	0.00	0.00	10.00	Done	Administrator	04/02/2024 16:38:09
	MO/00122	R-TN-1160-2.0+1		Rubber	04/02/2024 16:35:19	0.00	0.00	0.00	Cancelled	Administrator	04/02/2024 16:35:46
	MO/00033	R-TB-FC(LT)-082+1		Rubber	03/29/2024 13:58:36	0.00	5.00	5.00	Done	Administrator	03/29/2024 13:59:06



IV. Rubber Mold

Check the input materials

Step by step:

1. After confirming, the materials to be checked will be displayed.
2. Press the button to proceed with checking the input materials

Rubber Mold / MO/00202

Save Discard 1/1

Cancel Complete MO Draft In Progress Done

WO List

Product Mold Model: R-TN-1160-2.0
Product: R-TN-1160-2.0+1
Item QC / PQC Form: Item QC Form /
Target / Actual Weight: 1.00 / 0.00 g
OK / NG Weight: 0.00 / 0.00 g
Location: WH/Fac1/Mockup → WH/Mold

Process & Level: Rubber & Level 0
Target / Actual Qty: 1.00 / 0.00 pcs
OK / NG Qty: 0.00 / 0.00 pcs
Created Date: 04/04/2024 12:35:15
Work Date: 04/04/2024 08:00:00 → 04/04/2024 20:00:00
Line:

Item Standby Operation Setting

1

Item	Lot No	From	Stock Qty	Received Weight	OK Weight	NG Weight	UoM	Received Qty	OK Qty	NG Qty	UoM	Confirmation Date	Status	Only Check
Rubber Resin	Rubber Resin Manual	WH/Fac1/Mockup	999,984.00	1.00	0.00	0.00 g		1.00	0.00	0.00	pcs	04/04/2024 12:35:16	Done	
S-T4C3-(2.0-3.5... S-T4C3-(2.0-3.5)-17L...		WH/Fac1/Mockup	15.00		0.00	0.00		1.00	0.00	0.00	pcs		Waiting for Check Qty	

Add a line

2 Check



IV. Rubber Mold

Check the input materials

Step by step:

1. Input the gram weight when creating the mold
2. Click on the “Confirm” button to proceed

Receive Item

MMO#
MO# MO/00202
Process & Level Rubber & Level 0

Product R-TN-1160-20+1
Target Weight 100 g
Target Qty 100 pcs

Item	Lot No	From	Stock Qty	Received Weight	Uo...	Received Qty	Uo...	Confirmation Date
Rubber Resin	Rubber Resin Manual	WH/Fac1/Mocku...	999,984.00	100 <input type="text"/> g		100 pcs		04/04/2024 12:35:16
S-T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12...	S-T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12+2-C...	WH/Fac1/Mocku...	15.00	100 <input type="text"/> g		100 pcs		

1

2

Confirm Close

Check



IV. Rubber Mold

Add rubber mold worker

Step by step:

1. In the Standby tab, display the mold worker.
2. Add information about the mold worker

Rubber Mold / MO/00202

1/1 < >

Draft **In Progress** Done

WO List

Product Mold Model: R-TN-1160-20
Product: R-TN-1160-20+1
Item QC / PQC Form: Item QC Form /
Target / Actual Weight: 1.00 / 0.00 g
OK / NG Weight: 0.00 / 0.00 g
Location: WH/Fac/Mockup → WH/Mold

Process & Level: Rubber & Level 0
Target / Actual Qty: 1.00 / 0.00 pcs
OK / NG Qty: 0.00 / 0.00 pcs
Created Date: 04/04/2024 12:35:15
Work Date: 04/04/2024 08:00:00 → 04/04/2024 20:00:00
Line:

1

Item **Standby** Operation Setting

Level	Step	Name/Code	2	Start Date	End Date	Before Weight	After Weight	Gap	Check Status
1	Rubber - Man	Huỳnh Văn Trĩa	Nguyễn Thị Ngọc Dân	04/04/2024 12:35:16					Not Yet

Add a line



IV. Rubber Mold

Register the actual quantity of the product for which the process has been completed

Step by Step:

1. Proceed in the "Operation" tab.
2. Click the "Actual" button to open the information input window for the item.
3. Enter actual production quantity of rubber mold.
4. Confirm by pressing the "Confirm" button.

Actual

MMO# | Process & Level | Rubber & Level 0
MO# | MO/01202 | Target / Actual Qty | 1.00 / 1.00
Product | R-OV-(8.0X6.0)-CN-42CM-14K-2.06GR-W-1-1.3CT+2

Actual Item

No	Actual Qty	OK Qty	NG Qty	Created on	Status
1	1.00	1.00	0.00	06/13/2024 17:06:07	Done

MES

Rubber Mo

Edit

Cancel **Confirm** Close

Location | WH/Fac1/Mockup → WH/Mold | Created Date | 06/13/2024 17:06:06
Work Date | 06/13/2024 08:00:00 → 06/13/2024 20:00:00
Line

Item Standby **Operation** Setting

Actual

No	Actual Qty	OK Qty	NG Qty	Created on	Status	
1	1.00	1.00	0.00	06/13/2024 17:06:07	Done	Detail



IV. Rubber Mold

Create Lot code

Step by Step:

1. Click the "Detail" button to proceed with lot code issuance.

MES KPI PMS QMS MMS Repair Scrap Process Closing Report KPI Dashboard TV

Rubber Mold / MO/00202

Edit + Create Action 1/1 < >

Cancel Complete MO Draft In Progress Done

WO List

Product Mold Model	R-TN-1160-2.0	Process & Level	Rubber & Level 0
Product	R-TN-1160-2.0+1	Target / Actual Qty	1.00 / 1.00 pcs
Item QC / PQC Form	Item QC Form /	OK / NG Qty	0.00 / 0.00 pcs
Target / Actual Weight	1.00 / 30.00 g	Created Date	04/04/2024 12:35:15
OK / NG Weight	30.00 / 0.00 g	Work Date	04/04/2024 08:00:00 → 04/04/2024 20:00:00
Location	WH/Fac1/Mockup → WH/Mold	Line	

Item Standby Operation Setting

Actual

No	Actual Weight	OK Weight	NG Weight	Actual Qty	OK Qty	NG Qty	Created on	Status	
1	30.00	30.00	0.00	1.00	1.00	0.00	04/04/2024 12:35:16	Waiting for Lot	Detail

1



IV. Rubber Mold

Create Lot code

Create Lot

Type Lot OK NG

Target / Actual Qty 2.00 / 0.00

OK / NG Qty 0.00 / 0.00

Actual Qty

Step by Step:

1. Proceed on the “OK” tab (the rubber mold is not defective).
2. Click the “Lot” button to open a pop-up.
3. Enter the number of lots to be issued according to the number of rubber molds produced.
4. Issue lot by pressing “Create” button.

MES KPI PMS QMS MMS Repair Scrap Process Closing Report Lot/Serial Number

Rubber Mold / MO/01196 / 2

Draft **Waiting for Lot** Waiting for Tray Done

MMO#		Product	R-OV-(8.OX6.O)-CN-42CM-14K-2.06GR-W-1-1.3CT+1
MO#	MO/01196	BOM	R-OV-(8.OX6.O)-CN-42CM-14K-2.06GR-W-1-1.3CT+1 - 2024-06-13 14:12:51
Work Date	06/13/2024 14:12:52	Process & Level	Rubber & Level O
		Target / Actual Qty	2.00 / 0.00
		OK / NG Qty	2.00 / 0.00

OK NG

To	Lot/Serial Number	Qty	Created on	State
----	-------------------	-----	------------	-------

1

2

3

4



IV. Rubber Mold

Issuance of lot code for products whose process has been completed

Step by Step:

1. Display issued lot information.
2. QR label printing function.
3. Click the "Back" button to go to the main page.

MES KPI PMS QMS MMS Repair Scrap Process Closing Report Lot/Serial Number

Rubber Mold / MO/01196 / 2 / MO/01196 / 2 / MO/01196 / 2

Edit Create Action 1/1 < >

Back 3 Draft Waiting for Lot Waiting for Tray Done

MMO#		Product	R-OV-(8.0X6.0)-CN-42CM-14K-2.06GR-W-1-1.3CT+1
MO#	MO/01196	BOM	R-OV-(8.0X6.0)-CN-42CM-14K-2.06GR-W-1-1.3CT+1 - 2024-06-13 14:12:51
Work Date	06/13/2024 14:12:52	Process & Level	Rubber & Level 0
		Target / Actual Qty	2.00 / 2.00
		OK / NG Qty	2.00 / 0.00

OK NG 2

Lot Print

To	Lot/Serial Number	Qty	Created on	State
WH/Mold	R-OV-(8.0X6.0)-CN-42CM-14K-2.06GR-W-1-1.3CT+1#1-240614 1	1.00	06/14/2024 08:15:30	Done
WH/Mold	R-OV-(8.0X6.0)-CN-42CM-14K-2.06GR-W-1-1.3CT+1#2-240614	1.00	06/14/2024 08:15:30	Done



IV. Rubber Mold

Rubber mold work instructions completed

Step by Step:

1. Information display of rubber molds that have been produced.
2. Approve the completion of the rubber mold work order by pressing the “Complete MO” button.

The screenshot shows the PMS interface for a Rubber Mold work order. The top navigation bar includes 'MES', 'KPI', 'PMS', 'QMS', 'MMS', 'Repair', 'Scrap', 'Process', 'Closing Report', and 'Lot/Serial Number'. The breadcrumb trail is 'Rubber Mold / MO/O1196 / 2 / MO/O1196 / 2 / MO/O1196 / 2 / MO/O1196'. The main content area is divided into two sections: 'Product Mold Model' and 'Process & Level'. The 'Product Mold Model' section contains fields for 'Product Mold Model', 'Product', 'Item QC / PQC Form', and 'Location'. The 'Process & Level' section contains fields for 'Process & Level', 'Target / Actual Qty', 'OK / NG Qty', 'Created Date', 'Work Date', and 'Line'. The 'Target / Actual Qty' field shows '2.00 / 2.00'. The 'Created Date' field shows '06/13/2024 14:12:51'. The 'Work Date' field shows '06/13/2024 08:00:00 → 06/13/2024 20:00:00'. The 'Line' field is empty. The 'Complete MO' button is highlighted with a red circle and the number '2'. The 'Actual' button is highlighted with a red circle and the number '1'. The table below shows the work order details.

No	Actual Qty	OK Qty	NG Qty	Created on	Status	
1	2.00	2.00	0.00	06/13/2024 14:12:52	Done	Detail



V. Silver Mold

Information on silver mold production list

SMO	Process	Mold Model	Created on	Work Start Date	Work End Date	Target Weight	Actual Weight	Actual OK Weight	Target Qty	Actual Qty	Actual OK Qty	Status
SMO/00011	Silver Mold	TEST123	05/08/2024 10:59:57	05/08/2024 10:59:49	05/08/2024 10:59:49	3.00	200.00	200.00	100.00	2	2	Done
SMO/00009	Silver Mold	TEST123	05/02/2024 13:58:30	05/02/2024 13:47:02	05/02/2024 13:47:02	100.00	100.00	95.00	3.00	2	2	Done
SMO/00007	Silver Mold	S-SILVERMOLD-TEST	04/25/2024 16:11:38	04/25/2024 16:11:34	04/25/2024 16:11:34	100	60.00	60.00	0.00	2	2	Done
SMO/00006	Silver Mold	S-TN-1160-2.0	04/25/2024 13:09:29	04/25/2024 13:09:26	04/25/2024 13:09:26	100	100	100	0.00	1	1	Done

Step by step:

1. Search function
2. Order information for creating silver molds
3. Excel file download function
4. Click "Create" to create. See the next slide.



V. Silver Mold

Create silver molds

Step by step:

1. Fill in the information:

- Product Mold Model
- PQC Form
- Target / Actual Weight
- Target / Actual Qty
- Work Date

2. Then click "Save"

2 Silver Mold / New

Save Discard

1

Product Mold Model Process

PQC Form Work Date

Location → Target/Actual Qty

Target/Actual Weight / 0.00

→

/ 0

Order Item Standby Operation

MPMO #	Product	Number	MMO #	MMO Qty	Target Qty	UoM	Remark



V. Silver Mold

Add input item

Receive Item

SMO: SMO/00012 Process: Silver Mold
Product: TEST123 Target Weight: 100.00

Item	Lot No	From	Stock Qty	Received Weight	UoM	Confirmation Date
SEMI-TEST123	Lot Semi Test123 Manual	WH/Fac1/Mockup	700.00	300	g	

5 **Confirm** Close

Silver Mold / SMO/00012

Edit + Create

Cancel

Product Mold Model
PQC Form
Location
Target/Actual Weight

1 **Item** Standby Operation

2

3

Check

Item	Lot No	From	Stock Qty	Received Weight	UoM	Confirmation Date	Status
SEMI-TEST123	Lot Semi Test123 Manual	WH/Fac1/Mockup	700.00	0.00	g		Waiting for Check Qty
Add a line							

Step by step:

1. The "Item" tab contains information about the input list to use
2. Information on the list of inputs used for silver mold production
3. Click "Check" to add lots and enter input quantity and weight
4. Fill in the information:
 - Lot No
 - Received Weight
5. Then click "Confirm".



V. Silver Mold

More workers make molds and check weights

Step by step:

1. At the "Standby" tab
2. Fill in the information:
 - Step: Bước
 - Name/Code
 - Start Date
 - End Date
3. Then click "Save" to save
4. Click the "Before & After" button to proceed with filling in weight information
5. Fill in Before Weight and After Weight information.
6. Then click "Save" to confirm.

The screenshot shows the PMS interface with a 'Before & After' modal window open. The modal contains the following information:

- SMO: SMO/00012
- Product: TEST123
- Process: Silver Mold
- UoM: g

The modal also contains a table with the following columns: Step, Staff, Before Weight, Record Date, After Weight, Record Date.

Step	Staff	Before Weight	Record Date	After Weight	Record Date
Small Cutting - Man	Nguyễn Hoàng Cân	300.00		290.00	
Hand made - Man	Nguyễn Thị Hồng Thơ	290.00		280	

Below the modal, the main interface shows a 'Standby' tab and a table with the following columns: Step, Name/Code, Start Date, End Date, Before Weight, After Weight, Status.

Step	Name/Code	Start Date	End Date	Before Weight	After Weight	Status
Small Cutting - Man	Nguyễn Hoàng Cân	05/08/2024 11:07:40		0.00	0.00	Not Yet
Hand made - Man	Nguyễn Thị Hồng Thơ	05/08/2024 11:07:43		0.00	0.00	Not Yet

Numbered callouts in the image indicate the following steps:

1. Click the 'Standby' tab.
2. Add a new line in the main table.
3. Click the 'Save' button in the modal.
4. Click the 'Before & After' button in the modal.
5. Fill in the 'Before Weight' and 'After Weight' fields in the modal table.
6. Click the 'Save' button in the modal to confirm.



V. Silver Mold

Create actual weights for silver molds

Step by step:

1. At the "Operation" tab.
2. Click "Actual" to add weights
3. Fill in information Actual Weight
4. Then click "Confirm"

Silver Mold / SMO/00012

Save Discard

Cancel

Product Mold Model

PQC Form

Location

Target/Actual Weight

Item Standby **1** Operation

3 Actual Item

SMO SMO/00012 Process Silver Mold

Product TEST123 Target/Actual Weight 100.00 / 0.00 g

Product	Actual Weight	UoM	Actual Qty	UoM	Confirm Date	Status
S-TN-1160-20+1	100.00 Input	g	1	pcs		Waiting for Actual
S-TB-FC(LT)-079+1	100	g	1	pcs		Waiting for Actual

4 Confirm Close

2 Actual Print labels

Semi Product	Actual Weight	UoM	Actual Qty	UoM	Lot Code	Confirm Date	Status
S-TN-1160-20+1	0.00	g	1	pcs			Waiting for Actual
S-TB-FC(LT)-079+1	0.00	g	1	pcs			Waiting for Actual



V. Silver Mold

Check PQC output

Step by step:

1. Click the "QC" button to conduct the check
2. Select 1 line in the list
3. Fill in the result information after checking.
4. Then click "Submit" to confirm

Quality Checks Popup

MMO #	MO #	Product	QC Form	Lot Qty	Not Yet
false	SMO/00012	TEST123	PQC Form	2	2

No	Actual Qty	Create Date	Status
1	100	2024-05-08 04:05:35	Not Yet
1	100	2024-05-08 04:05:35	Not Yet

Staff	OK g	NG g	OK pcs	NG pcs	Date	Judgement
Võ Thị Huyền Trang	95.00	5	1		08/05/24	OK

QC Type	QC Class	QC Code	Method	Frequency	Input	Judgement
Visual PQC	PQC	Missing Wax	By eyes	Check All	0	OK
Visual PQC	PQC	Unformed	By eyes	Check All	0	OK
Visual PQC	PQC	Unformed Bezel/Component	By eyes	Check All	5	NG
Visual PQC	PQC	Bubble/Crack/Deform	By eyes	Check All	0	OK
Visual PQC	PQC	Burr/ Water drop	By eyes	Check All	0	OK
Visual PQC	PQC	Poor Workmanship Soldering/Filing	By eyes	Check All	0	OK
Visual PQC	PQC	Over grinding	By eyes	Check All	0	OK
Visual PQC	PQC	Others	By eyes	Check All	0	OK

Silver Mold / SMO/00012

Product Mold Model

PQC Form

Location

Target/Actual Weight

Item Standby **Operation**

Semi Product	Actual Weight	UoM	Actual Qty	UoM	Lot Code	Confirm Date	Status
S-TN-1160-2.0+1	100.00 g		1	pcs		05/08/2024 11:11:38	Waiting for QC
S-TB-FC(LT)-079+1	100.00 g		1	pcs		05/08/2024 11:11:38	Waiting for QC



V. Silver Mold

Create output lots

Step by step:

1. Click "Lot" to create
2. Select "Create" to confirm creation.

Silver Mold / SMO/00012

Save Discard Cancel

Product Mold Model

PQC Form

Location

Target/Actual Weight

100.00 / 0.00 g

Item Standby Operation

Actual Lot Print labels

Semi Product	Actual Weight	UoM	Actual Qty	UoM	Lot Code	Confirm Date	Status
S-TN-1160-2.0+1	100.00 g		1	pcs		05/08/2024 11:11:38	Waiting for Lot
S-TB-FC(LT)-079+1	100.00 g		1	pcs		05/08/2024 11:11:38	Waiting for Lot



V. Silver Mold

Return silver remaining in production and confirm production completion

Step by step:

1. Click "Disposal" to return excess silver in production
2. Click "F" to confirm completion of full use, "R" to return when remaining used.
3. Then click "Save"

Silver Mold / SMO/00012

✓ Save ✕ Discard

Cancel Complete

Product Mold Model

PQC Form

Location WH/Fac/ Mockup → WH/Fac/ Mockup

Work Date 05/08/2024 11:03:57 → 05/08/2024 11:03:57

Target/Actual Qty 3 / 2 pcs

Target/Actual Weight 100.00 / 200.00 g

Item Standby Operation

Disposal Return NG Print labels

Semi Product	Actual Weight	UoM	Actual Qty	UoM	Lot Code	Conf	Date	Status
S-TN-1160-20+1	100.00 g	1 pcs	1	pcs	S-TN-1160-20+1-Silver-100.0g-L		05/08/2024 11:11:38	Done
S-TB-FC(LT)-079+1	100.00 g	1 pcs	1	pcs	S-TB-FC(LT)-079+1-Silver-95.0g-L S-TB-FC(LT)-079+1-Silver-5.0g-L		05/08/2024 11:11:38	Done



V. Silver Mold

Transfer the NG lot of silver molds to the repair warehouse

Step by step:

1. Click "Print labels" to print the lot
2. Click "Return NG" to create a return form to the repair warehouse
3. Click "Confirm" to confirm the return
4. Click "Complete" to confirm completion of the silver mold manufacturing process.

Silver Mold / SMO/00012

5 / 5

Save Discard

Cancel Complete

Draft In Progress Done

Product Mold Model: TEST123
Process: Silver Mold
PQC Form: PQC Form
Work Date: 05/08/2024 11:03:57 → 05/08/2024 11:03:57
Location: WH/Fac1/Mockup → WH/Fac1/Mockup
Target/Actual Qty: 3 / 2 pcs
Target/Actual Weight: 100.00 / 200.00 g

Return NG

MPMO/PMO: / SMO/00012
Process: Silver Mold
Target/Actual Weight: 100.00 / 200.00 g
Target/Actual Qty: 3 / 2 pcs
Product: TEST123
Create as 1 Return Order:

Lot/Serial Number	Return Order	From	To	Actual Weight	UoM	Actual Qty	UoM
S-TB-FC(LT)-079+1-Silver-5.0g-1pcs-240508-001		WH/Fac1/Mockup		5.00 g		1	pcs

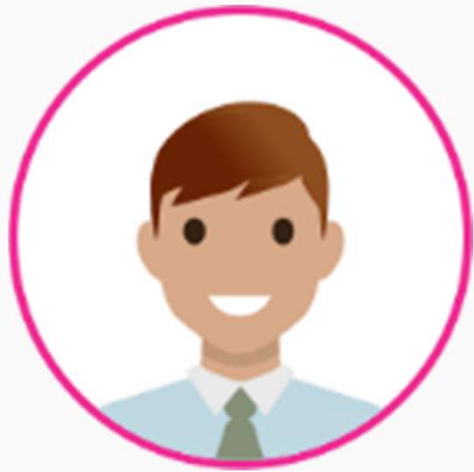
Disposal Return NG Print labels

Confirm Date Status

05/08/2024 11:11:38 Done

05/08/2024 11:11:38 Done

Confirm Close



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MES 3D

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