# **For Smart Factory**



# Operating User MANUAL





# **User Manual**

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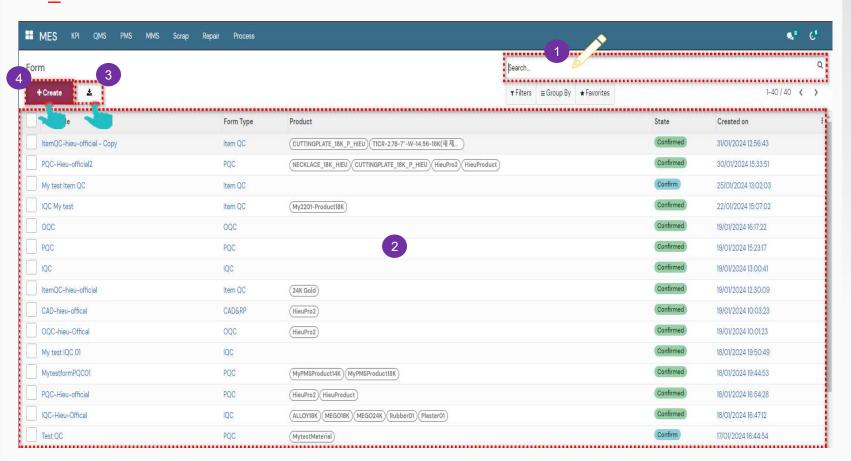
### **Quality Management System**

# Explain

#### I. Form

#### Purpose:

\_ Information on list of QC check form



- 1. Search function
- Information about the list of created QC check form
- 3. Excel file export function
- 4. Click "Create" to create a QC check form. See the next slide.

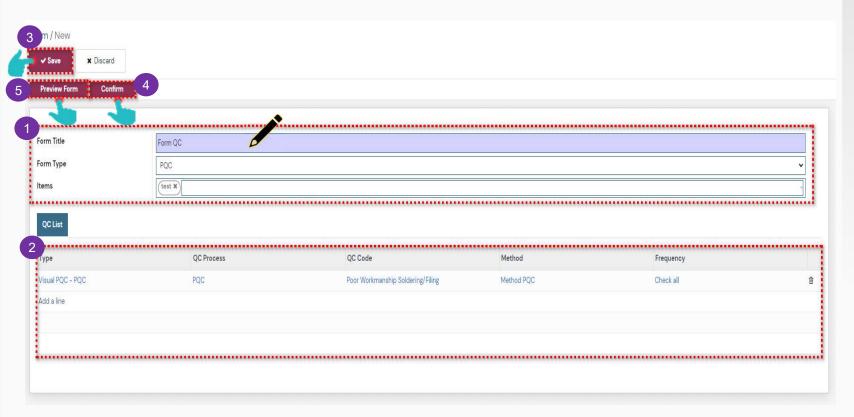
# Quality Management System



#### I. Form

### **Purpose:**

\_ Create QC check form



#### Step by step:

- 1. Fill in information:
  - Form Title
  - Form Type: Select QC type (IQC,

#### PQC, OQC, Item QC)

- Items: Select materials for IQC check form. Select products for PQC,
   OQC and Item QC check form.
- 2. Fill in the details:
  - Type
  - QC Process
  - QC Code
  - Method
  - Frequency
- 3. Click "Save" to create
- 4. Click "Confirm" to confirm using the QC check form
- Click "Preview Form" to preview the QC check form.

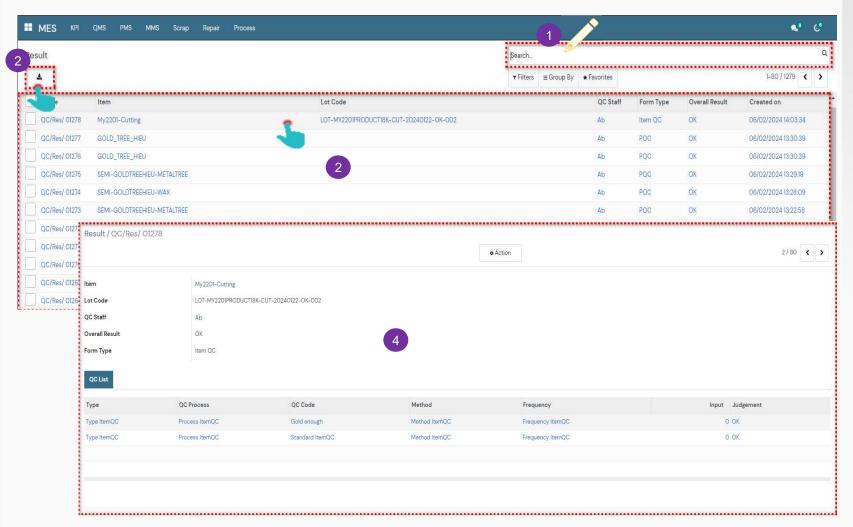
### **Quality Management System**

# Explain

### II. History

#### **Purpose:**

\_ View QC check history information



- 1. Search function
- 2. Excel file export function
- QC check history list information.
   Click on a line in the list to see details
- Detailed information on QC check history.

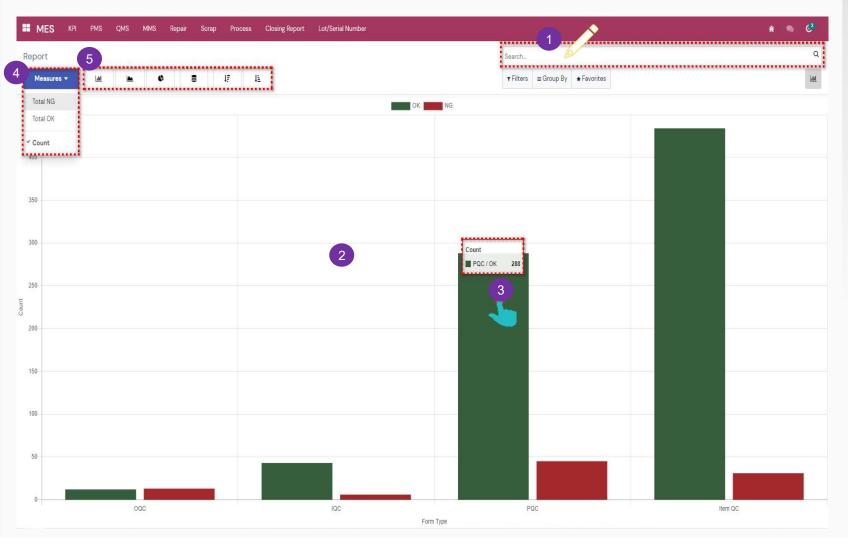
### **Quality Management System**



### III. Report

### **Purpose:**

\_ View QC check result report information



- 1. Search function
- 2. The graph shows information about the total number of inspections by each type of QC.
- 3. Click on a column in the graph to view detailed check history
- 4. Click "Measures" to select the value information to view
- List of views: Bar Chart, Line Chart,
   Pie Chart, Stacked (Column charts displayed in stacked mode),
   Descending and Ascending.

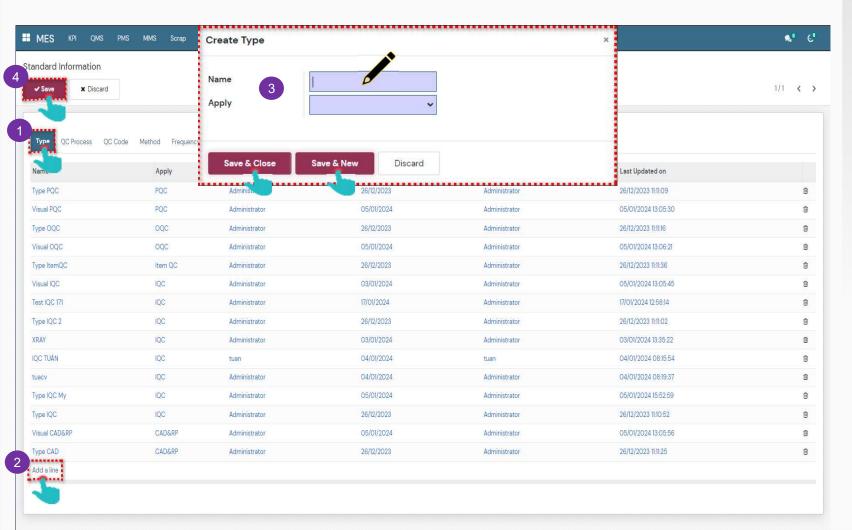
# Quality Management System

# Explain

#### IV. Standard QC

#### **Purpose:**

\_ Add new check type for QC check form



#### Step by step:

- In tab "Type" (This type of QC inspection includes: inspection of appearance, quality control, measurement, performance, XRF measurement, ...)
- Click "Add a line" to add a check type
- 3. Fill in the information:
  - Name
  - Apply: Applicable QC type (IQC,

PQC, OQC, Item QC)

Then save

4. Click "Save" to confirm add the check type

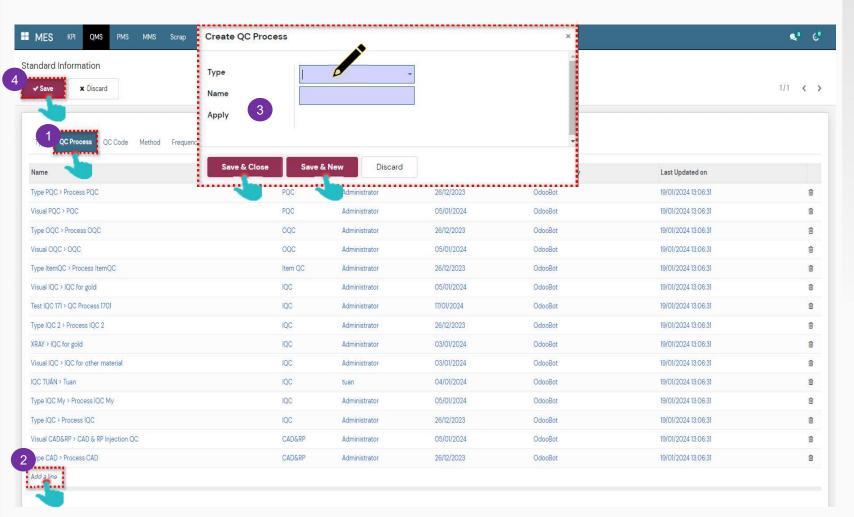
# Quality Management System

# Explain

#### IV. Standard QC

#### **Purpose:**

\_ Add a new QC process for the QC check form



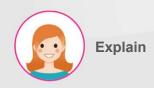
#### Step by step:

- 1. In tab "QC Process"
- Click "Add a line" to add a QC process
- 3. Fill in the information:
  - Type
  - Name
- Apply: The applicable QC type is automatically displayed when the check type is selected (IQC, PQC, OQC, Item QC)

Then save

4. Click "Save" to confirm add the QC process

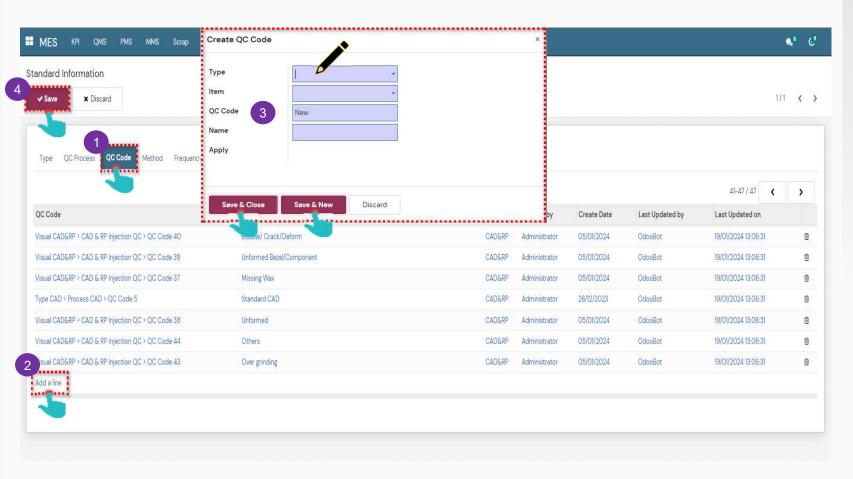
### Quality Management System



#### IV. Standard QC

#### **Purpose:**

Add a new check standard for the QC check form



#### Step by step:

- In tab "QC Code" (This is the QC check standard)
- 2. Click "Add a line" to add check standards
- 3. Fill in the information:
  - Type
  - Item
  - QC Code: Standard QC code
  - Name
- Apply: The applicable QC type is automatically displayed when the check type is selected (IQC, PQC, OQC, Item QC)

#### Then save

4. Click "Save" to confirm add the QC check standards.

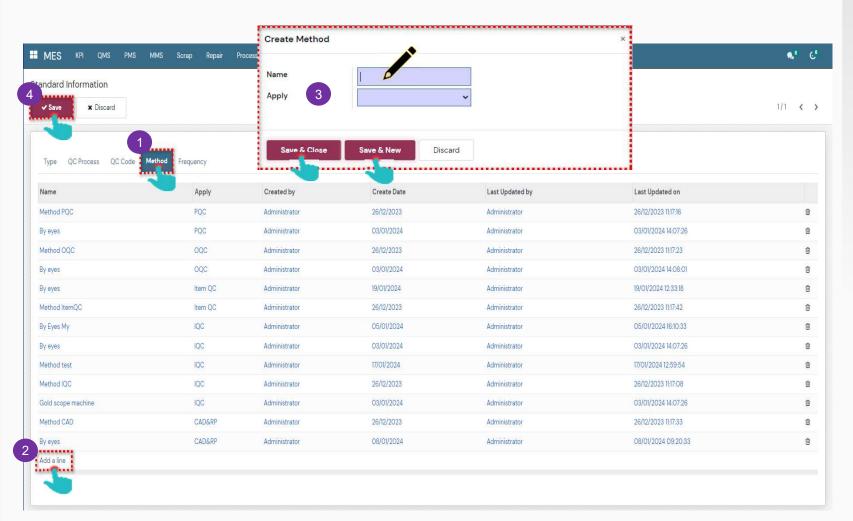
# Quality Management System

# Explain

#### IV. Standard QC

#### **Purpose:**

\_ Add a new check method for the QC check form



#### Step by step:

- 1. In tab "Method"
- Click "Add a line" to add a check method
- 3. Fill in the information:
  - Name
  - Apply: Applicable QC type (IQC,

PQC, OQC, Item QC)

Then save

4. Click "Save" to confirm add the QC check method.

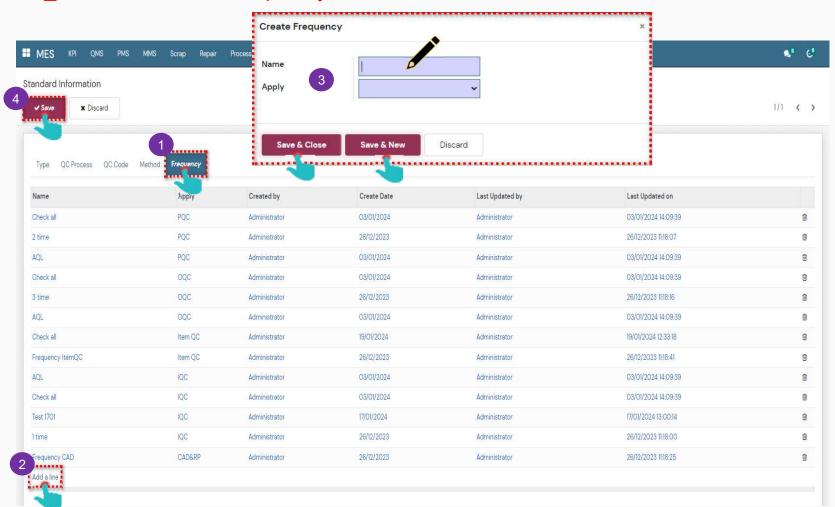
# Quality Management System

# Explain

#### IV. Standard QC

#### **Purpose:**

\_ Add a new check frequency for the QC check form



#### Step by step:

- 1. In tab "Frequency"
- Click "Add a line" to add a check frequency
- 3. Fill in the information:
  - Name
  - Apply: Applicable QC type (IQC,

PQC, OQC, Item QC)

Then save

4. Click "Save" to confirm add the QC check frequency.

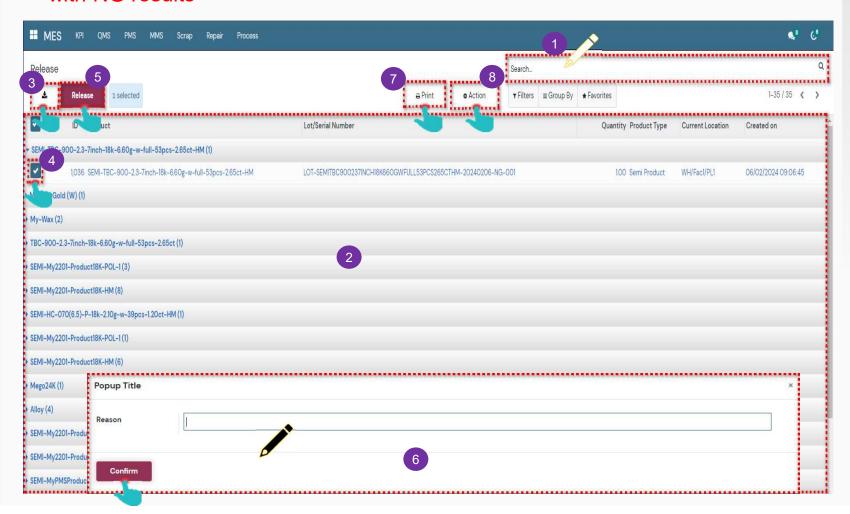
### Quality Management System

# Explain

#### V. Release

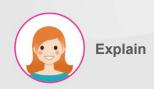
#### **Purpose:**

Release Hold materials, semi-finished products and products after QC check with NG results



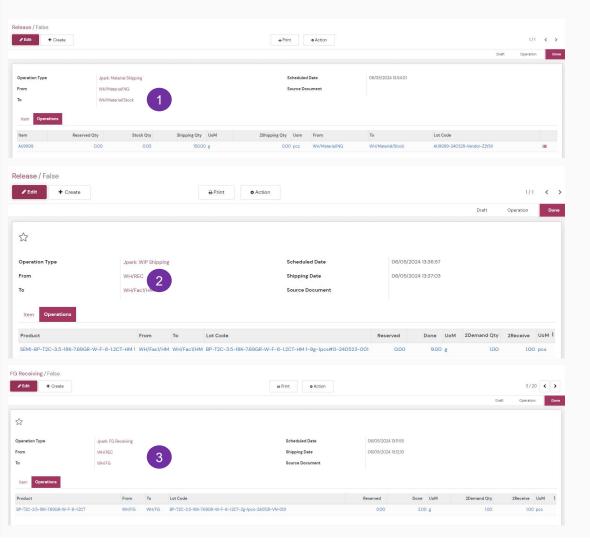
- 1. Search function
- Information on list of materials, semi-finished products and products after QC inspection with NG results
- 3. Excel file download function
- Tick to select 1 line in the list
- 5. Click "Realese" to release hold.
- 6. Fill in the Reason information then select "Save" to save.
- 7. Print function
- 8. Click "Action" to select the "Export" function to excel or csv file.

### **Quality Management System**



#### V. Release

**Purpose**: Location movement after change of judgment of NG judged materials, semi-finished products and finished products



- Material warehouse movement instructions are automatically created for released materials.
- Released semi-finished products automatically generate production warehouse movement instructions.
- 3. Released finished products automatically generate finished product warehouse receipt instructions.

# Quality Management System

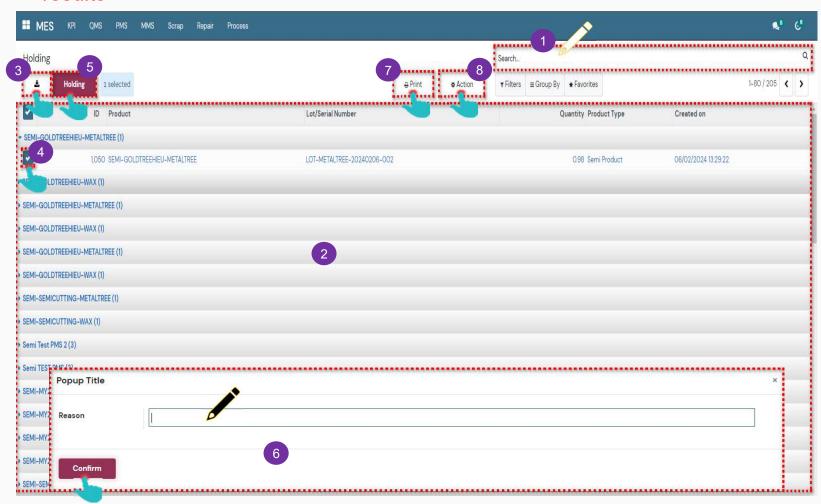
# Explain

#### VI. Holding

#### Purpose:

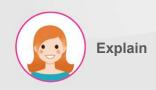
\_ Hold materials, semi-finished products and products after QC check with OK

#### results



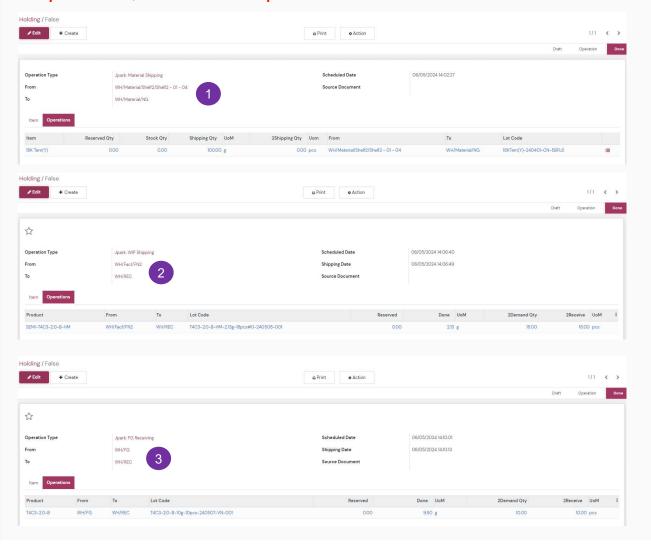
- 1. Search function
- Information on the list of materials, semi-finished products and products after QC inspection with OK results
- 3. Excel file download function
- 4. Tick to select 1 line in the list
- 5. Click "Hold" to hold.
- 6. Fill in the Reason information then select "Save" to save.
- 7. Print function
- 8. Click "Action" to select the "Export" function to excel or csv file.

### **Quality Management System**



#### VI. Holding

**Purpose**: Move location after waiting decision for OK materials, semi-finished products, and finished products



- For hold materials, NG material warehouse movement instructions are automatically created.
- For hold semi-finished products, a Repair Stock movement order is automatically created.
- Repair stock receipt instructions are automatically created for hold finished products.

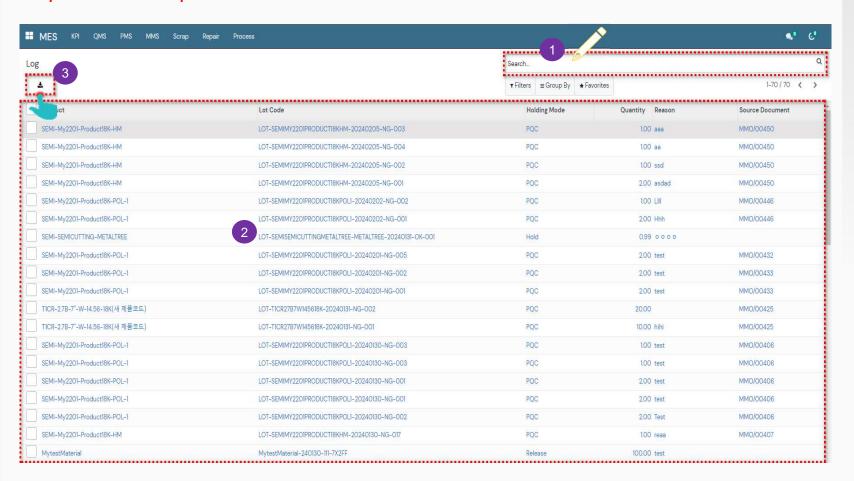
#### **Quality Management System**



### VII. Log

#### **Purpose:**

\_ View historical information about holding and releasing materials, semi-finished products and products



- 1. Search function
- 2. Hold and release history list information.
- 3. Excel file download function.



# Thank you for using

For Smart Factory

