

# Kapture.IO

*Intelligent Quality Management System (QMS)*

**Kapture.io**



# Alarms

*Kapture.io*

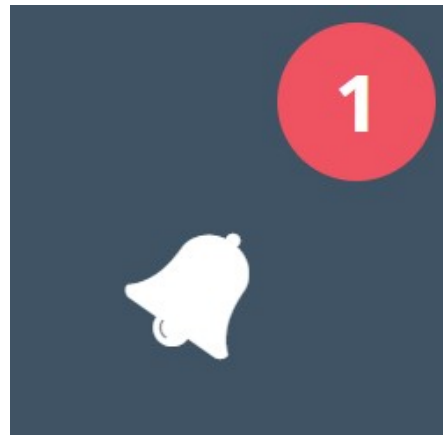


## Alarms



One of the most versatile functionalities offered by Kapture.io are the alarms.

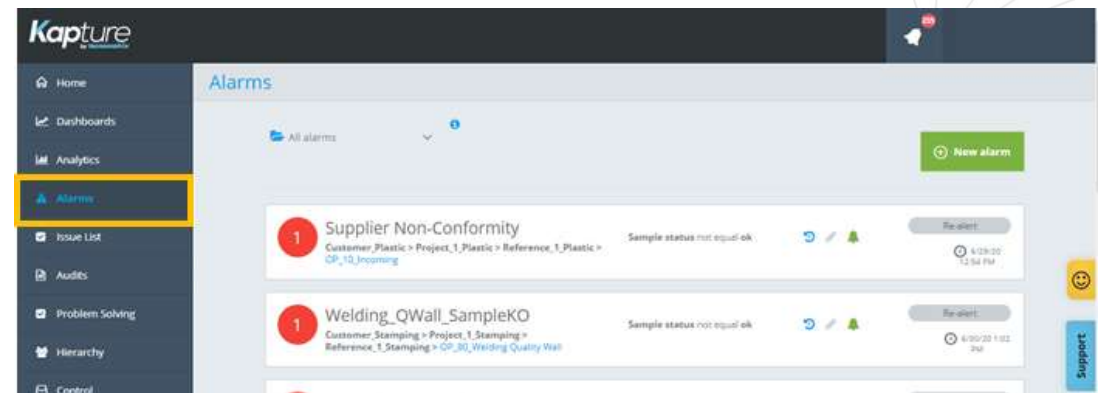
These alarms are an important part of predictive quality and allow the user to establish warnings about specific results, certain checks or critical points, always in real time, generating notifications to the person assigned as responsible in each specific case, thus working to avoid rework costs and possible claims and losses.



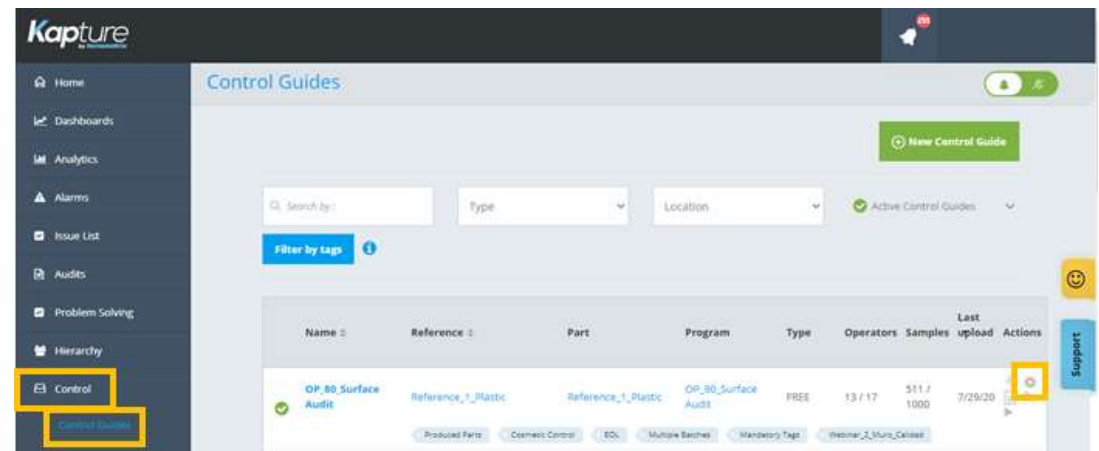
# Alarms

The user can access the created alarms, their configuration and the creation of new ones in two different ways:

1. Via the home page, in the main menu:

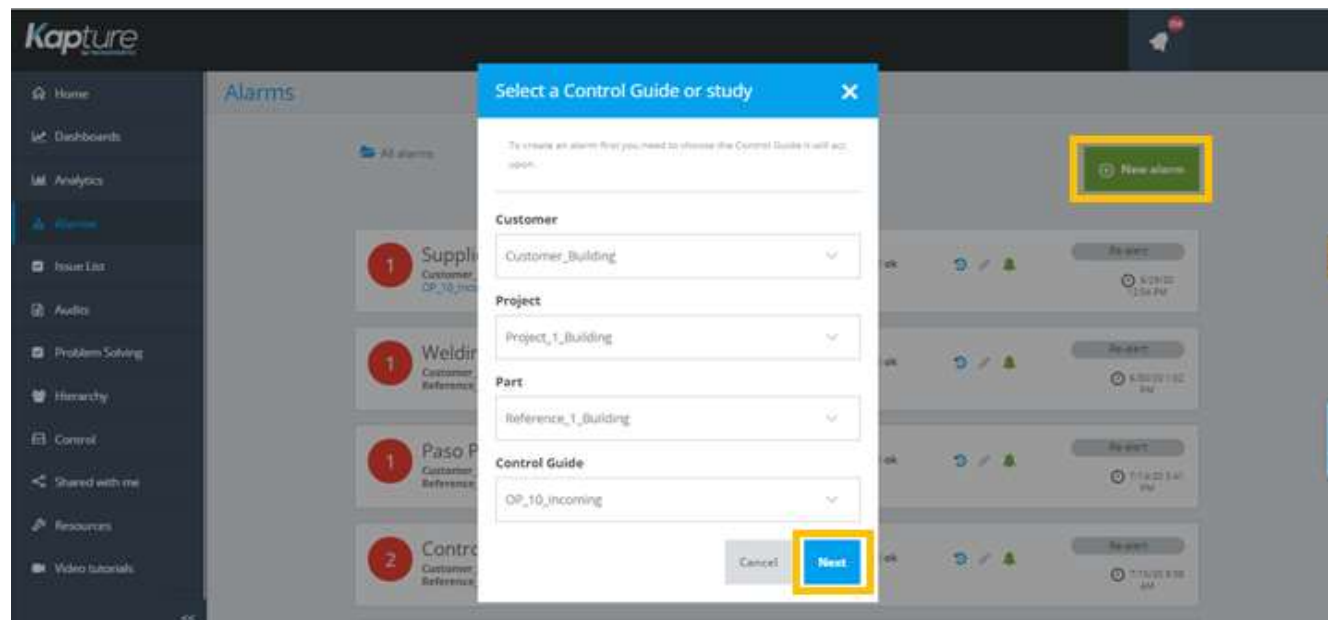


2. Through the Control Guide:



## Alarms - configuration

To create a new alarm, the user must click on the "New alarm" button and fill in the required fields in the pop-up window with the following information: Customer → Project → Part → Control Guide, on which you want to set the alarm:



## Alarms - configuration

The next step is to proceed to configure the alarm itself, first with descriptive information and general data:

The screenshot displays the 'New alarm' configuration page. At the top, a breadcrumb trail shows the navigation path: Alarms > Customer\_Building > Project\_1\_Building > Reference\_1\_Building > OP\_10\_Incoming > New alarm. The main configuration area includes: 1. A text input field for 'Write the name of the alarm'. 2. A toggle switch labeled 'Alarm On'. 3. A 'Control Guide' dropdown menu with 'OP\_10\_Incoming' selected. 4. A text input field for 'Description (Optional)' with the placeholder 'Write the description of the alarm'.

1. Name: identification of the alarm.
2. Alarm on/off: activates or deactivates the alarm as required, without having to delete and create it each time.
3. Control Guide: specific control in which the alarm is configured.
4. Description: details of the specific alarm.

## Alarms - configuration

Next, the alarm operation has to be configured:

5a. Check and status: The alarm is assigned to the result of a critical check of the control pattern.

5b. Sample status: The alarm is linked to the result of each measurement, i.e. to the set of all checks of the control pattern.

6a. Alarm start: number of error repetitions necessary for the alarm to be triggered.

6b. Alarm stop: number of repetitions necessary for the alarm to be deactivated.

Alarm type

Check and status

Check: [dropdown] Equal: [input] Status: [input]

Sample status

Equal: [input] Status: [input]

The alarm will alert after

↑ [input] Repetitions

The alarm will stop after

↑ [input] Repetitions

Notify by sample

Notify by change

5

6

7

Support

# Alarms - configuration



7a. Notify per sample: the user receives a notification for each sample that meets the alarm requirements until the error is resolved or the status of the sample changes.

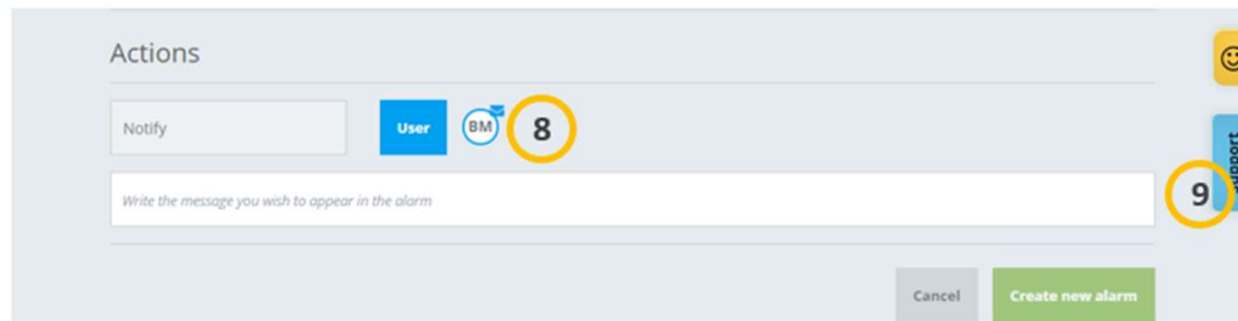
7b. Notify per change: the user only receives a notification when the alarm status changes, regardless of the number of errors.

The screenshot shows the 'Alarm type' configuration page. It features two main sections: 'Check and status' and 'Sample status'. The 'Check and status' section includes a dropdown menu for 'Check', an 'Equal:' field, and a 'Status:' field. The 'Sample status' section includes an 'Equal:' field and a 'Status' field. Below these sections are two input fields for 'The alarm will alert after' and 'The alarm will stop after', both with 'Repetitions' labels. At the bottom, there are two radio buttons: 'Notify by sample' and 'Notify by change'. The 'Notify by change' option is selected. Three yellow circles with numbers 5, 6, and 7 are overlaid on the interface to highlight specific areas: 5 is next to the 'Check and status' section, 6 is next to the 'The alarm will alert after' and 'The alarm will stop after' fields, and 7 is next to the 'Notify by change' radio button. A 'Support' button is visible on the right side of the interface.



## Alarms - configuration

Finally, the notifications associated with the alarm can also be configured:



The screenshot shows a configuration interface for alarm actions. It features a 'Notify' input field, a 'User' button, a 'BM' icon with an envelope, and a circled '8'. Below these is a text area with the placeholder 'Write the message you wish to appear in the alarm' and a circled '9'. At the bottom are 'Cancel' and 'Create new alarm' buttons.

8. User: user(s) who should receive the alarm notification, as well as whether they should also receive it by e-mail (envelope icon).

9. Message: Content of the notification message.

**IMPORTANT:** In order for the user to receive alarms by e-mail, the e-mail must be verified (see lesson 1, e-mail verification).

## Alarms - notifications

When an alarm assigned to a user is triggered, the user is immediately notified according to their previous configuration.

These notifications are received by default on the platform's home page, specifying the alarm in question and its status:

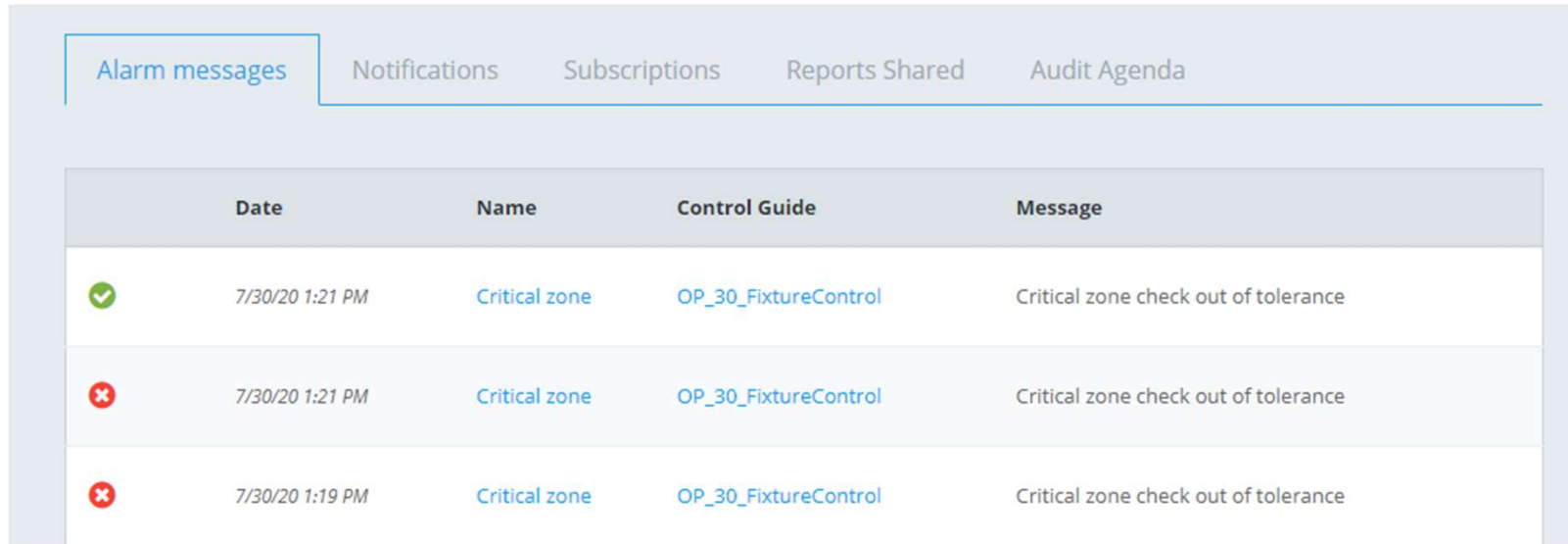


The screenshot shows the Kapture.io home page. The top navigation bar includes the Kapture logo, a notification bell icon with a red '3' badge (highlighted with a red box), and the user profile 'KS KaptureAcademy'. The main content area is divided into a left sidebar with navigation options (Home, Dashboards, Analytics, Alarms, Issue List, Audits, Problem Solving, Hierarchy, Control, Shared with me, Resources) and a central dashboard. The dashboard features four summary cards: '158 C.Guides & Studies', '688.86K Measurements', '231.12K Samples', and '8 Instruments'. Below these is a 'Quality Evolution' chart showing a bar chart with stacked bars for each month from August to May, with percentages below each bar. The right sidebar contains a 'Notifications' panel with three notifications, the top one being highlighted with a red box. A 'Support' button is visible at the bottom right of the notifications panel.

Month	12.06%	3.47%	36.25%	2.67%	11.10%	4.44%	4.04%	0.01%
Aug	0.07%	7.97%	0.01%	1.43%	3.19%	3.02%	1.65%	0.01%

## Alarmas - notificaciones

Al hacer clic en el botón "See all", se obtiene el registro de activación/desactivación con todos los detalles de las notificaciones de alarmas del usuario:



	Date	Name	Control Guide	Message
✓	7/30/20 1:21 PM	Critical zone	OP_30_FixtureControl	Critical zone check out of tolerance
✗	7/30/20 1:21 PM	Critical zone	OP_30_FixtureControl	Critical zone check out of tolerance
✗	7/30/20 1:19 PM	Critical zone	OP_30_FixtureControl	Critical zone check out of tolerance

Si se ha activado la opción de notificación por correo electrónico, el usuario la recibirá también por esta vía.

# Alarms - Status

The alarm can be found in the Alarms section in the left menu list or in the settings section of the control.

The screenshot displays the Kapture.io interface for a control named 'OP\_20\_Injection Checklist'. The breadcrumb trail at the top reads: Control Guides > Customer\_Plastic > Project\_1\_Plastic > Reference\_1\_Plastic > OP\_20\_Injection Checklist. The left sidebar menu includes options like Home, Dashboards, Analytics, Alarms, Issue List, Audits, Problem Solving, Hierarchy, Control, Shared with me, Resources, and Video tutorials. The 'Alarms' section in the sidebar is highlighted with a red box. In the main control view, the 'Settings' button is highlighted with a red box, and a red arrow points from it to the 'Alarms (2)' tab, which is also highlighted with a red box. The 'Alarms (2)' section shows two active alarms:

- 17 HeaterTemp\_Injec\_Ref1**: Heater Temperature not equal ok. Location: Customer\_Plastic > Project\_1\_Plastic > Reference\_1\_Plastic > OP\_20\_Injection Checklist. Re-alert: 11/6/19 1:02 PM.
- 10 Registro con resultado NOK**: Sample status not equal ok. Location: Customer\_Plastic > Project\_1\_Plastic > Reference\_1\_Plastic > OP\_20\_Injection Checklist. Re-alert: 4/4/22 5:16 PM.



## Control Guide

# Alarms - Status

Through the alarm filter you can see the different states an alarm can be in. By default, the Alarms section will show all the alarms created:

The screenshot shows the Kapture.io interface for a specific control guide. The breadcrumb trail is: Control Guides > Customer\_Plastic > Project\_1\_Plastic > Reference\_1\_Plastic > OP\_20\_Injection Checklist. The main title is 'OP\_20\_Injection Checklist' with location 'Barcelona' and control guide type 'FIRST\_OFF'. There are buttons for 'Measure online', 'Close', and 'Archive / Remove'. Below the title, there are tabs for 'Activity & Analytics', 'Settings', 'Summary', 'Data and measurement', and 'File uploads'. A filter dropdown menu is open, showing options: 'All alarms', 'Unused alarms', 'Deactivated alarms', 'Activated alarms', 'Re-alert alarms', 'Silenced alarms', and 'All alarms'. The 'All alarms' option is highlighted with a red box. The main content area shows a list of alarms, including 'Heater Temperature not equal ok' and 'Sample status not equal ok', each with a 'Re-alert' button and a timestamp.

## Alarms - Status



- Unused alarms: all alarms that have never been activated.
- Deactivated Alarms: deactivated alarms. They are currently not in alert status.
- Activated Alarms: Activated alarms, they are in alert mode.
- Re-alert alarms: These alarms have been activated, they have alerted the assigned users and the next negative condition will re-alert these users.
- Silenced alarms: These alarms have been deactivated.


## Alarms - Options



1. Registry: Access to all the registers of that specific alarm.
2. Edit: Edit the alarm.
3. Silence: To silence the alarm and prevent it from sending notifications.


# Kapture.IO


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