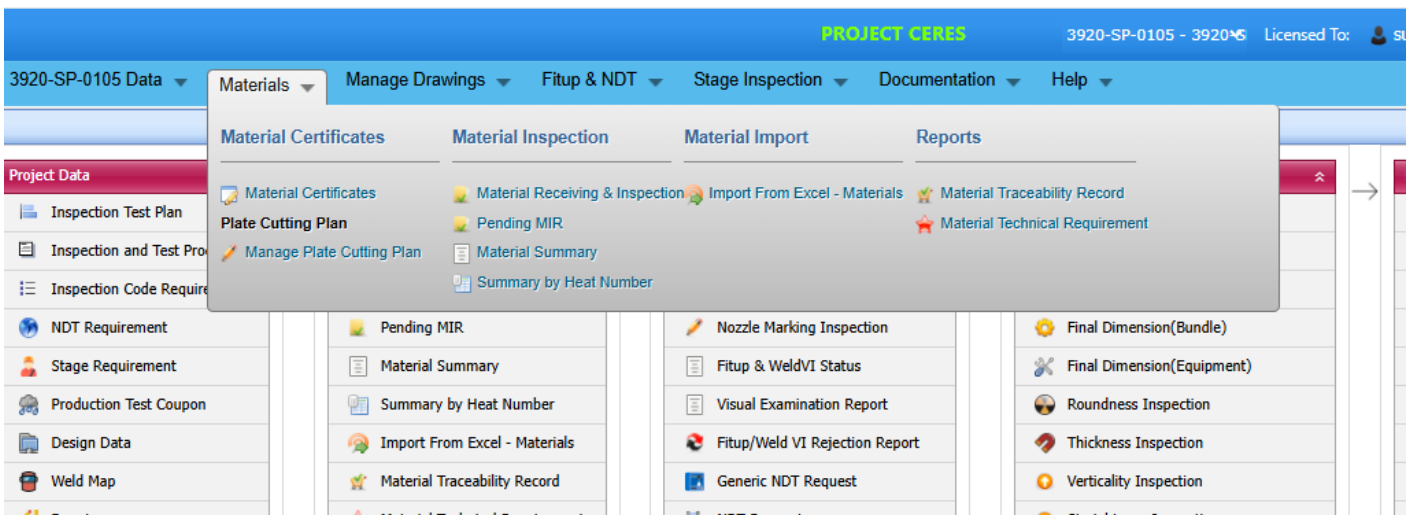


Materials

Materials

The **Materials** menu in the home page of the *cuteQM* app used to add the material details such as material certificates, material inspection details, material import details, and material summary and traceability record. Once you click the **Materials** menu, the following tabs open,



The **Materials** menu appears with four options such as **Material Certificates**, **Material Import**, **Material Inspection**, and **Reports**.

- The **Material Certificates** option helps you to add certificates details of the materials to be in the piping project.
- The **Material Import** option helps you to add the bulk materials.
- The **Material Inspection** option helps you to add material receiving and inspection report, and material summary by heat number.
- The **Reports** option used to add material traceability record.

Material Certificates

Material certificate (Mill certificate) is a certificate document used to certify that the product is produced by manufacturing standards of the mill. The material certificate contains the following information: component name, manufacturer name, certification ID, component dimension and heat numbers. Once you have received the materials from the manufacturer, you must enter the

details of material certificates.

The **Mill Certificates** tab used to add the received material certificate details. If you want to add material certificate details, do the following,

1. Click **Material Certificates** in the **Materials** menu.

The **Mill Certificates** page opens.

Edit	Delete	Clone	S.No	Component *	Certification *	Revision	Manufacturer:	Mill Certificate Date	DO Number	PO Number	Revise	Action/ Reset	Remarks	#	Status
			1	Com0101012	cert123			02/06/2026							
			2	Plug	C1234								REVV		Waiting for approver approval
			3	Elbow	cert	1	k	11/03/2026	fg	iu					Approved
			4	Coupling	Cert001		manu								New
			5	Cap	cc123		MF1	02/03/2026	DO-02	PO-02			2		Approved
			6	PIPE	C0987			01/03/2026	DO-01	PO-01					New
			7	Flange	C1234	1	Manu1								New

Figure 4.1: Mill Certificates page

4.1.1 Add a Material Certificate

If you want to add a material certificate, do the following,

[image-1651160868230.png](#)

1. Click **ADD** button in the **Mill Certificates** See Fig 4.1.

A new window opens to add a material certificate.

The screenshot shows the 'Add Material Certificate' form with the following fields:

- Component *:
- Mill Certificate Date:
- size(Inch):
- Material:
- Thickness(Other):
- Material Grade:
- Certification *:
- DO Number:
- Thickness:
- Rating:
- Revision:
- Material Size:
- Manufacturer:
- PO Number:
- Class:
- Expiry Date:
- GRN Number:

Buttons: **Save** (highlighted), **Cancel**

image-1651160920200.png

Image not found. **Note:** The field notified with a symbol (*) is mandatory. You must enter the relevant details in that fields before saving.

2. In the **Component** box, select the received component from a drop-down list.
3. In the **Certification** box, enter the certification number of the component.
4. In the **Manufacturer** box, enter the name of the manufacturer.
5. In the **Mill Certificate Date** box, choose the mill certificate date.
6. In the **Delivery Order (DO) Number** box, enter the delivery order number of the component.
7. In the **Purchase Order (PO) Number** box, enter the purchase order number of the component.
8. In the **Size** box, select the size of the received component.
9. In the **Thickness** box, select the thickness of the received component.
10. In the **Class** box, enter the class of the received component.
11. In the **Material** box, select the type of material where the component is made from.
12. In the **Rating** box, enter the rating of the component.
13. In the **Expiry Date** box, choose the expiry date of the component.
14. In the **Thickness(other)** box, enter the thickness if other than pipe
15. In the **Revision** box, enter revision number
16. In the **GRN** box, enter GRN number
17. In the **Material Grade** box, enter the grade of the material
18. In the **Material size** box, enter size of the material
19. Click **Save**.

The material certificate is successfully added. Once you have added the mill certificate, you must add heat numbers for the added component.

4.1.2 Add Heat Numbers of Material

If you want to add heat numbers, do the following steps,

			8	Com0101015	certttt0010105		mas323227		DO023036	po0210214	
			9	Com0101014	certttt0010104		mas323226		DO023035	po0210213	
			10	Com0101013	certttt0010103		mas323225		DO023034	po0210212	
			11	Com0101012	certttt0010102		mas323224		DO023033	po0210211	
			12	Com0101011	certttt0010101		mas323223		DO023032	po0210210	
			13	Coupling	CCER001	1	MAn001	03/03/2026	DO001	PO001	
			14	Cap	CCER001	3	MAn001	03/03/2026	DO001	PO001	

image-1651161203160.png

1. Click (Add icon) of the respective mill certificate.

The **Heat Numbers** box opens.

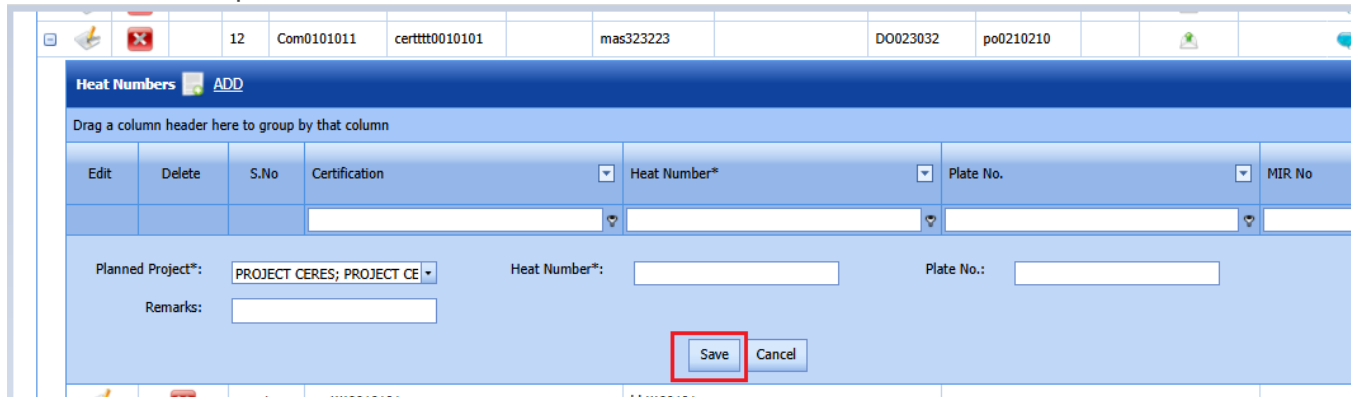
image-1651161228682.png

Image not found or type unknown

image-1651161449804.png **Figure 4.1.1: Heat Numbers page**

2. Click  in the **Heat Numbers** box.

A new window opens to add the heat number.



The screenshot shows a web application window titled "Heat Numbers" with an "ADD" button. Below the title bar, there is a header area with columns: Edit, Delete, S.No, Certification, Heat Number*, Plate No., and MIR No. Below the header, there is a form with the following fields: Planned Project* (a dropdown menu showing "PROJECT CERES; PROJECT CE"), Heat Number* (a text input field), Plate No. (a text input field), and Remarks (a text input field). At the bottom of the form, there are "Save" and "Cancel" buttons. The "Save" button is highlighted with a red box.

3. In the **planned Project** box, select a project you want from a drop-down list.
4. In the **Heat Number** box, enter the heat number.
5. In the **Plate number** box, enter the plate number.
6. In the **Remarks** box, enter your remarks if any.
7. Click **Save**.

The heat number is successfully added for the specific component.

image-1651161542724.png



Note: You can edit and delete the added heat numbers by using the respective  

Image not found (Edit icon) and Image not found (Delete icon)

4.1.3 Edit a Mill Certificate

If you want to edit any existing mill certificate in the **Mill Certificates** page, do the following,

image-1651161643799.png

1. Click  in the **Edit** column for the respective mill certificate. See Fig 4.1.

A new window opens including the added mill certificate details.

43	PIPE	C-1002							
44	Main Shell	C-1023	06/08/2025	DO-001	PO-01				

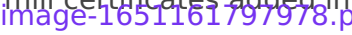

Component *:	Main Shell	Certification *:	C-1023	Manufacturer:	
Mill Certificate Date:	06/08/2025	DO Number:	DO-001	PO Number:	PO-01
size(Inch):	1/2 Inch (15 MM) - 0.84 Inch (21	Thickness:	Sch 40 (2.77 MM)	Class:	
Material:	Carbon Steel; CS	Rating:	10	Expiry Date:	31/08/2026
Thickness(Other):		Revision:		GRN Number:	GRN123
Material Grade:		Material Size:			

2. Click any box where you want to edit the details, and then edit the details in the respective box.
3. Click **Save**.


4.1.4 Delete a Mill Certificate


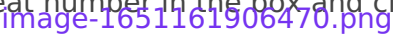

If you want to delete any existing mill certificate in the **Mill Certificates** page, you can use (Delete icon) provided in the **Mill Certificates** page. To know how to delete, see the topic, "[Delete P&ID](#)".

4.1.5 Export Mill Certificates List

You can export a list of mill certificates added in the **Mill Certificates** page in both the pdf and excel formats by using  (PDF button) and  (Excel button). To know how to export, see the topic, "[Export P&ID list](#)".

4.1.6 Filter a Mill Certificate

If you want to filter any specific mill certificate in the **Mill Certificates** page, 

- you can use the filter box  provided in the upper side of the **Mill Certificates** To filter the mill certificate, enter the certification or heat number in the box and click **Search**. 
- you can also use  (**FILTER** button) located on the **Mill Certificates** To know how to filter using the **Filter** button, see the topic, "[Filter P&ID](#)".

4.1.7 Import Multiple Mill Certificates

If you want to import multiple mill certificates together, do the following,

[image-1651161989979.png](#)

1. Click [Image not found or type unknown](#) (**TEMPLATE** button) on the **Mill Certificates** See Fig 4.1

A template will be downloaded as an excel worksheet with a pre-defined template to enter the details of multiple mill certificates.

[image-1651162060142.png](#)

[Image not found or type unknown](#)

2. Enter the relevant details in the required columns on the excel worksheet.
3. Once you have added the mill certificates details in the excel worksheet, save the excel worksheet on your computer.

[image-1651162107209.png](#)

4. Click [Image not found or type unknown](#) (**IMPORT** button). See Fig 4.1.

A new window opens for importing the excel worksheet saved on your computer.

[image-1651162134967.png](#)

[Image not found or type unknown](#)

[image-1651162144397.png](#)

5. Click [Image not found or type unknown](#) (**Browse** button) to select the excel worksheet to be uploaded.

6. Select the excel worksheet you want to upload from your computer.

[image-1651162180854.png](#)

7. Click [Image not found or type unknown](#) (**Upload** button) to export the mill certificates that are included in the excel worksheet.

The details of the mill certificates in the worksheet will be displayed in the **Mill Certificates** page.

4.1.8 Attach a File into a Mill Certificate

If you want to attach any file with a mill certificate listed in the **Mill Certificates** page, you can

[image-1651162256071.png](#)

attach the file by using [Image not found or type unknown](#) (**Attach icon**) in the **Attachment** column. To know how to attach,

follow the procedures given in the topic "[Attach a file into P&ID](#)".

Revision #4

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