



HEAT VIEW REPORT TOOL USER MANUAL

Revision Log

<u>Revision</u>	<u>Description</u>	<u>Initial</u>	<u>Date</u>
1.0	Initial Release	AJD	1 August 2024

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Introduction

This document was created to help the operator or service technician to setup and use the new Heat View Report Tool computer application.

The Heat View Report Tool was created to give you the ability to generate reports based on data from heat cycles run on Heat View controllers. These reports can be used for sharing data, quality control, internal storage and many other applications.

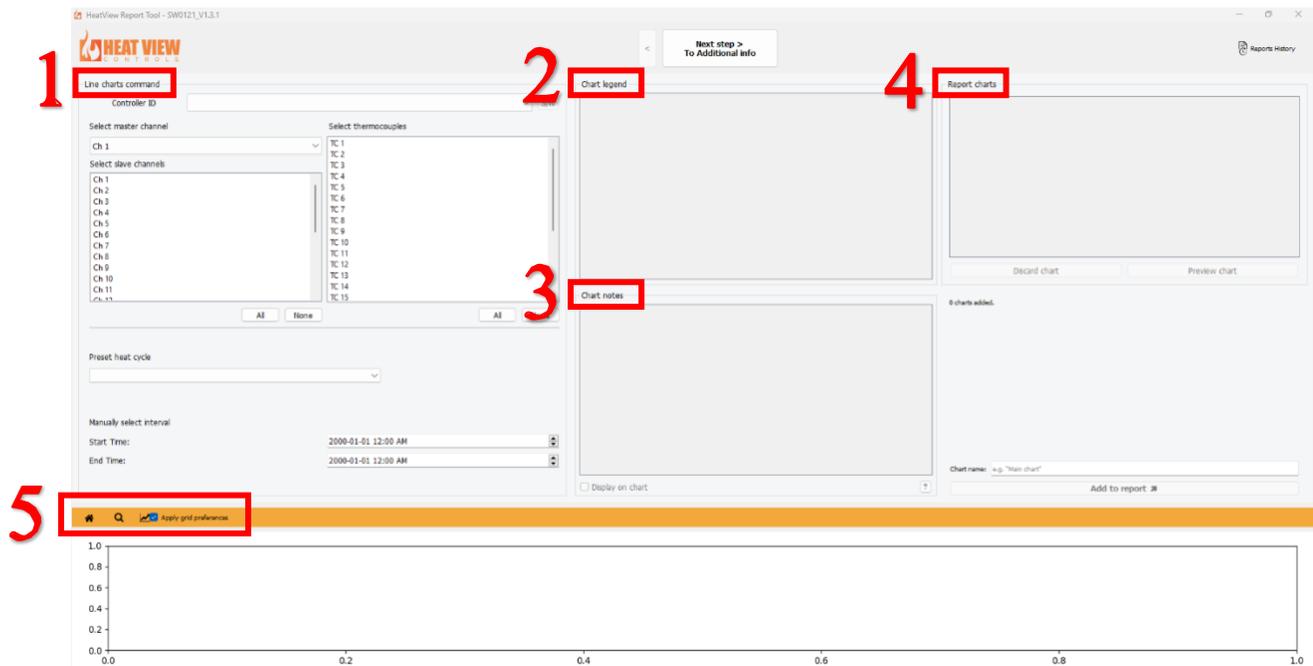
We have kept the software simple and provided this manual to help with any additional questions you may have.

The Report Tool is split into 4 pages/screens:

- The first page is for generating the charts that you want included in your report.
- The second page is for generating the title information, logo and notes displayed within the report.
- The third page is for generating attachments such as calibration certificates.
- The fourth page is for reviewing the contents of the report before generating the report.

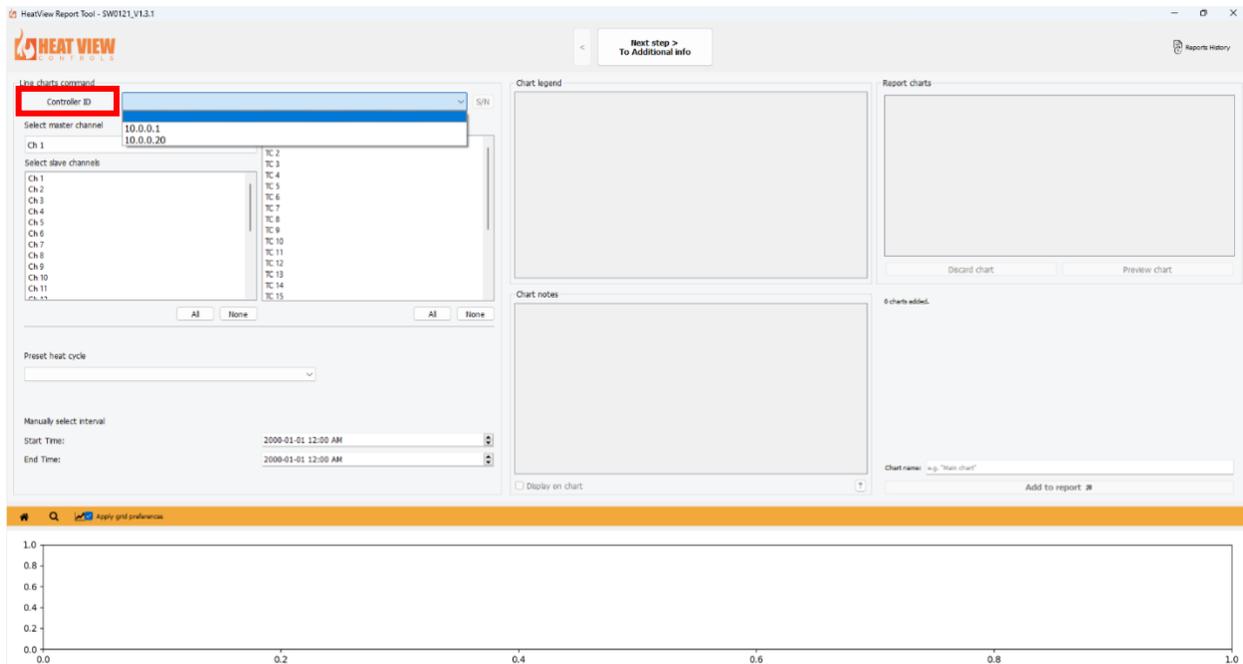
Please visit our website to find a video of how to use this tool!

First Page - This page is used for generating the charts that you want included in your report.



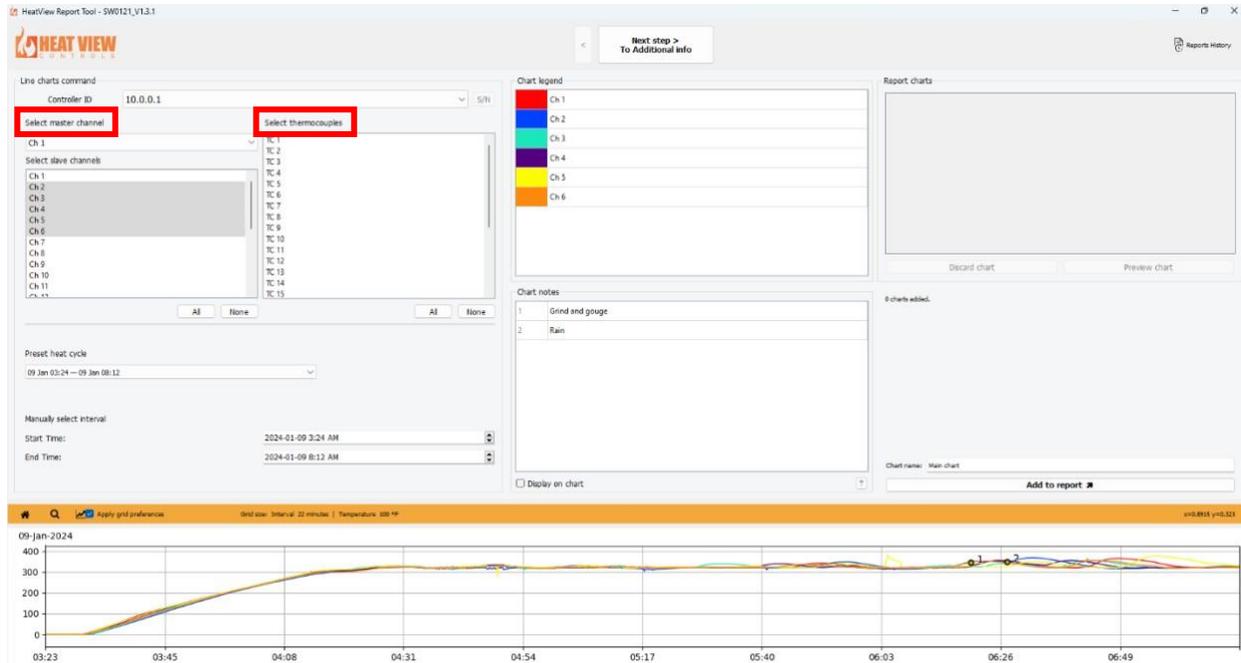
1: Selecting charts command

Select the controller you would like to pull data and generate a report from. You can select which controller by opening the drop down called “Controller ID”.

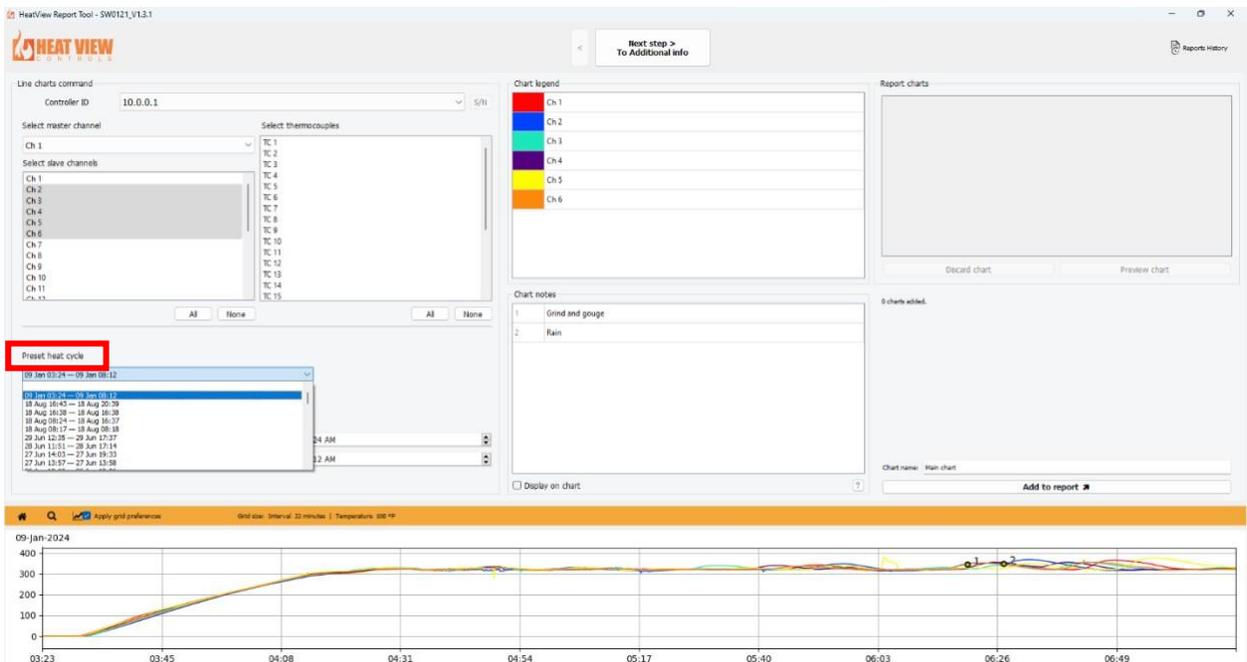


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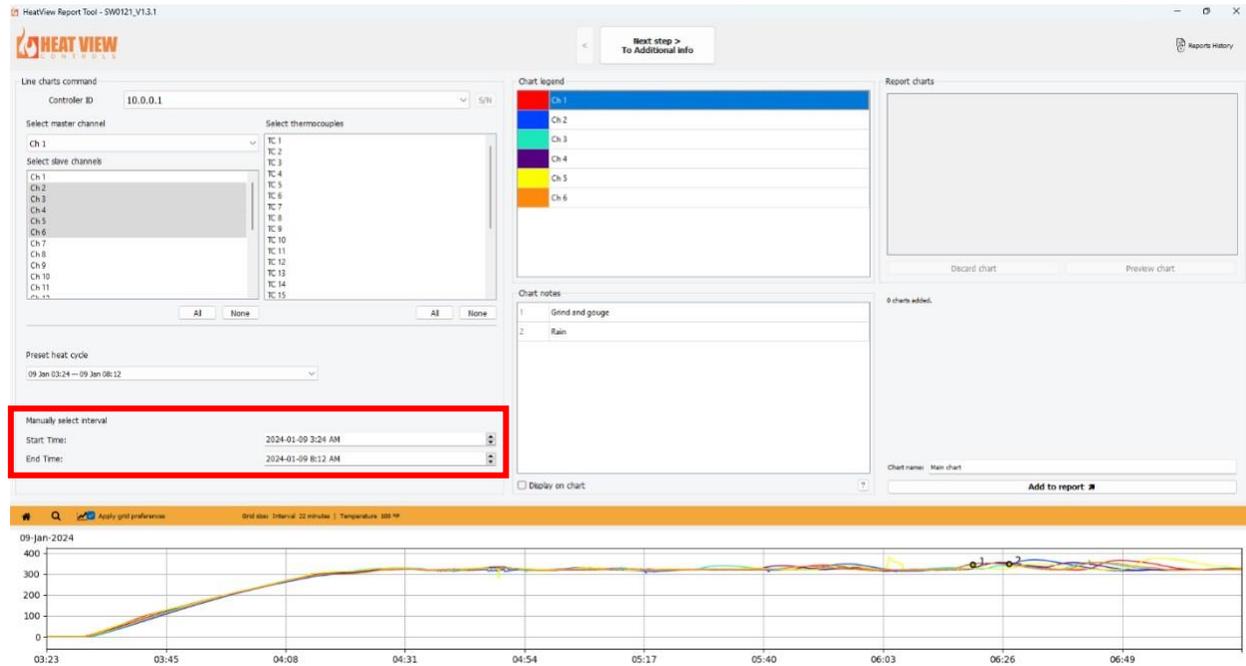
Next, select your master channel from the drop-down menu. The application will automatically pull up any slave channels connected to the master channel. The data from the selected channels will appear on the graph. You can select which thermocouple data to display to the right of the channel selection.



Once you have selected the channels and thermocouples you want to pull data from, below is the “Preset heat cycle” drop down menu. From there you will be able to select any of the heat cycles that have been run on that channel/thermocouple.

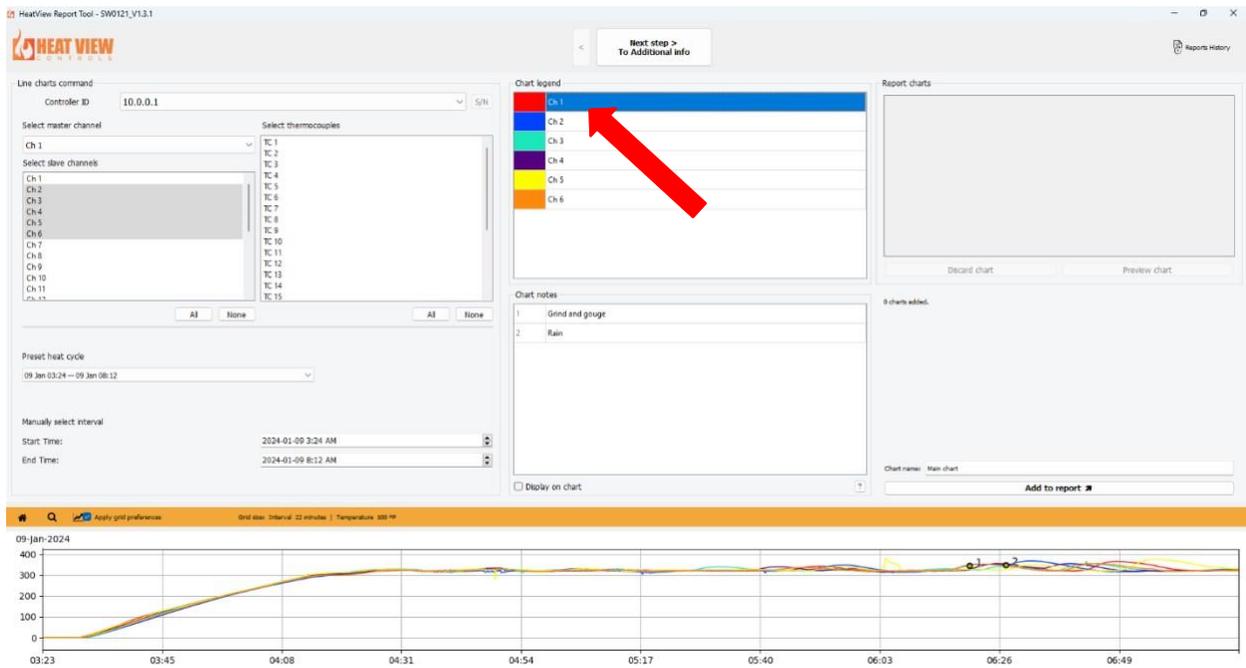


You can display the entire heat cycle on the graph or you can edit the time interval shown on the graph if you wanted to only display a portion of a heat cycle.



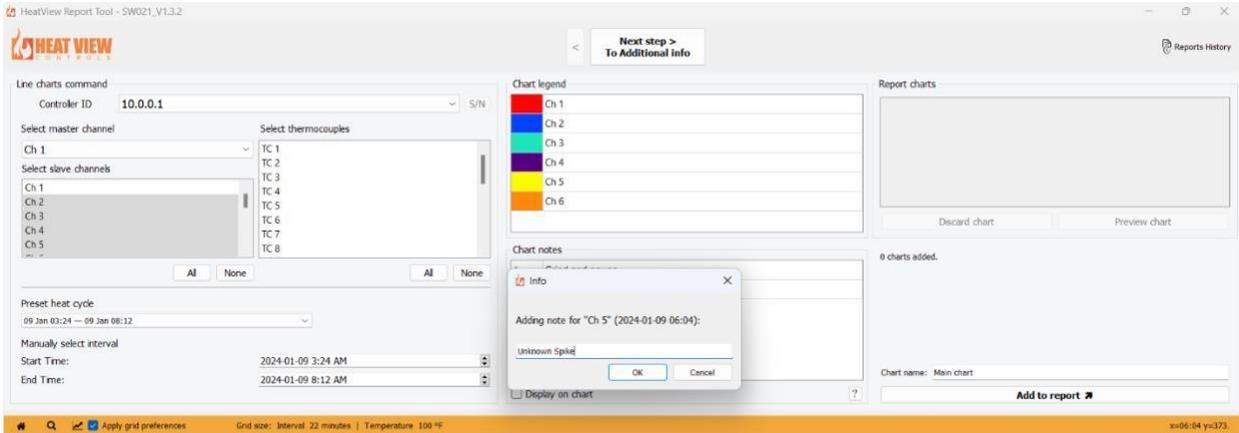
2: Chart legend

All of the channels displayed on the graph are shown under the “Chart Legend”. These channels can be renamed by simply clicking on the box with the “Ch 1” text and typing in a new name.



3: Chart notes

Notes can be added to any point of the chart by simply clicking on the channel line on the graph where you want the note added.



All of the chart notes will appear in the area “Chart Notes”.

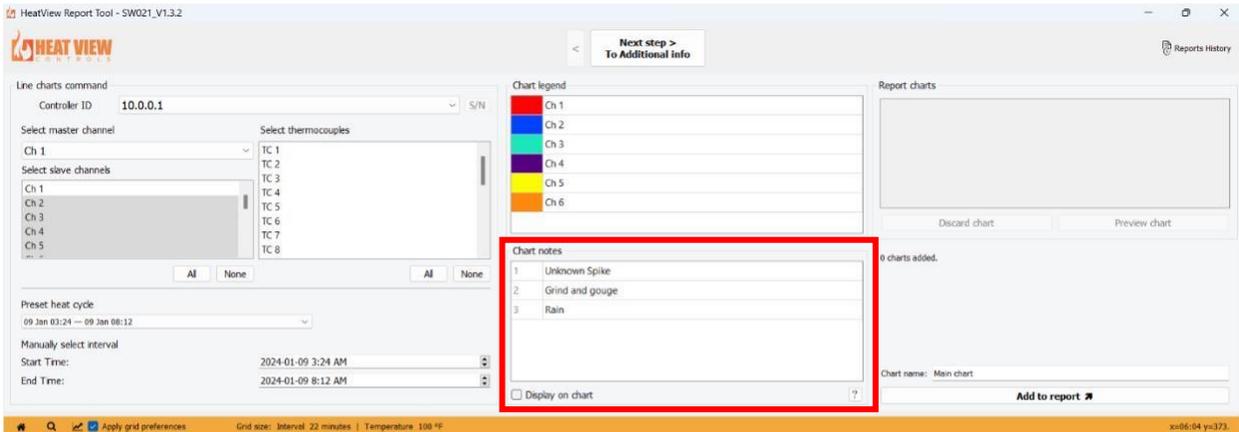
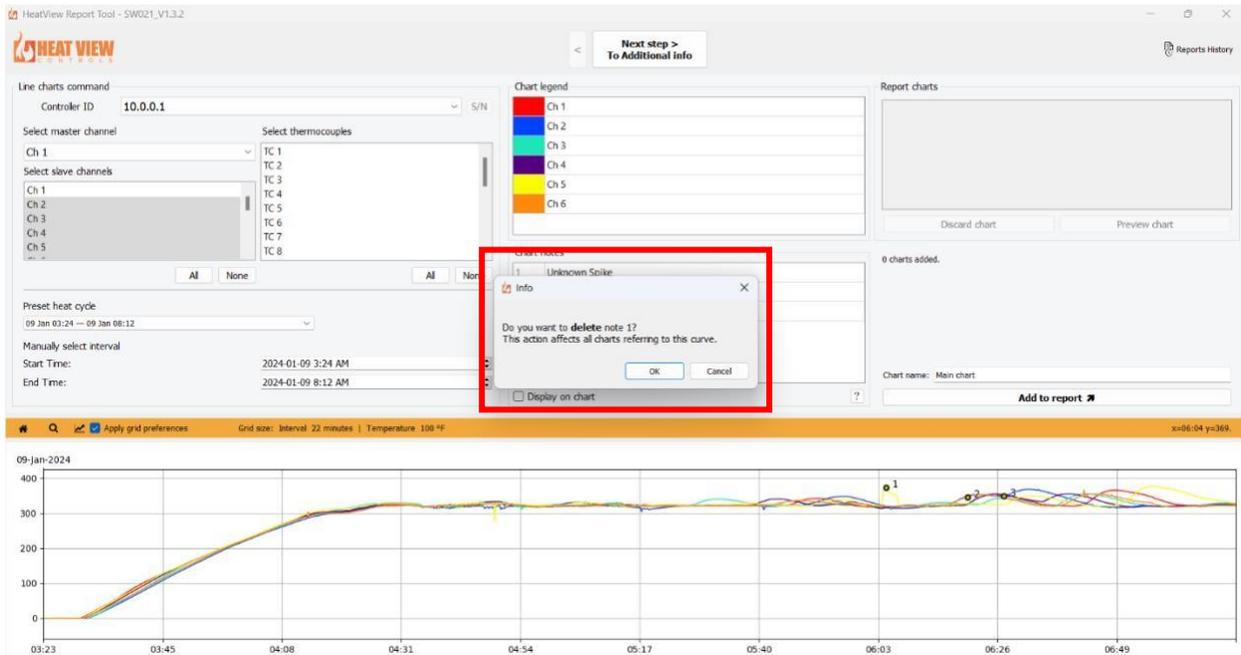
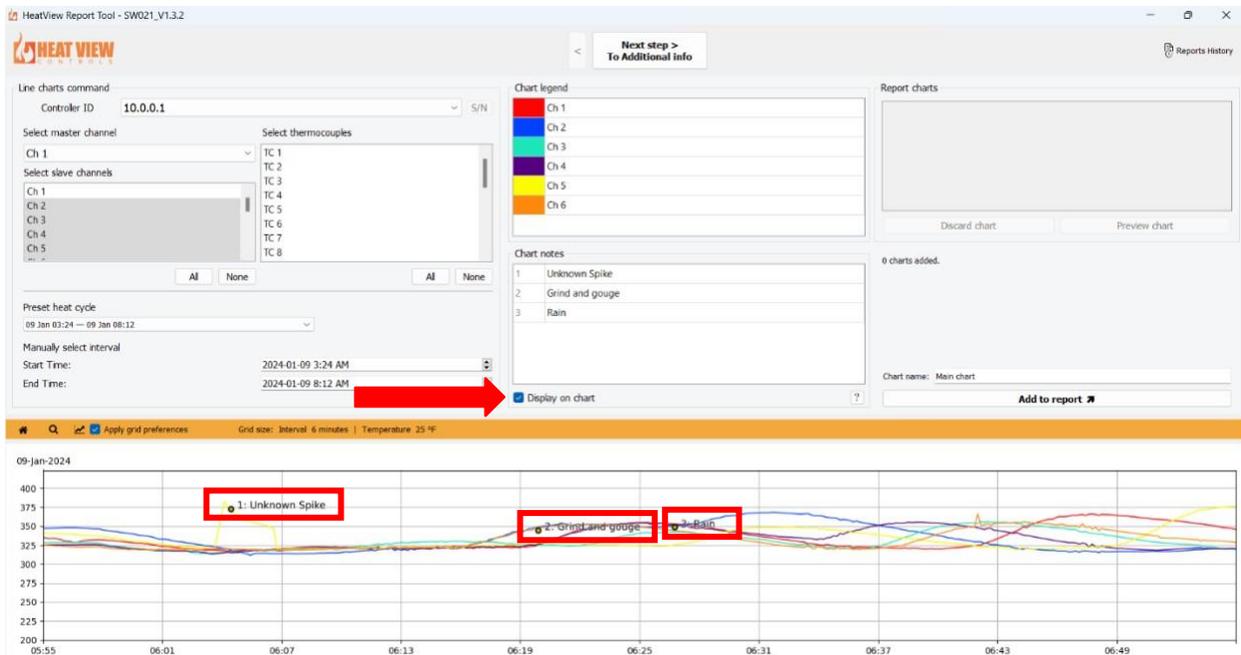


Chart notes can be deleted by clicking on the numbered data point on the graph.

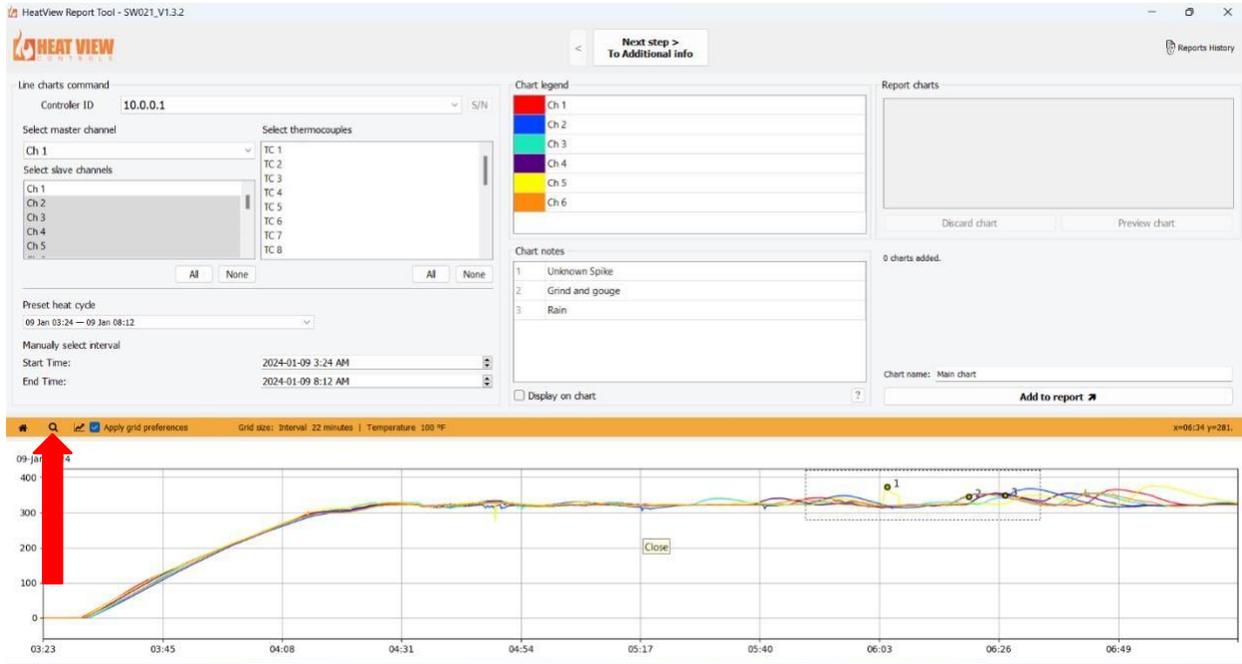


If the “Display on chart” option is selected then the “Chart Notes” text will appear on the graph, as shown below.

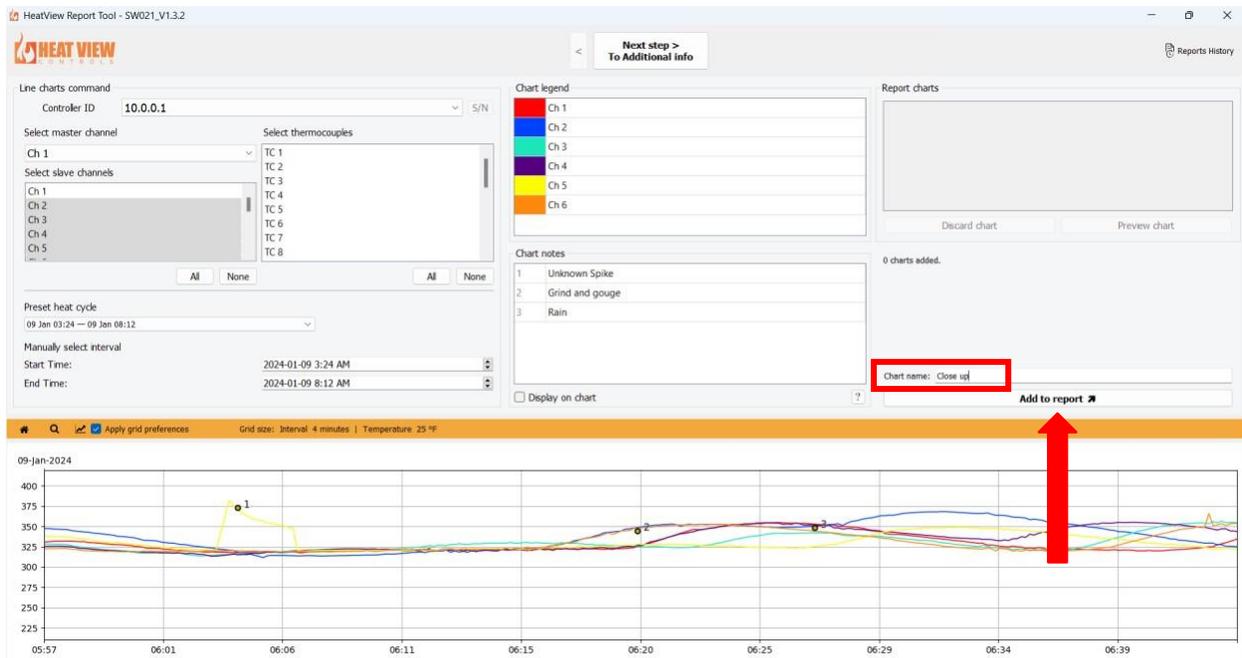


4: Report charts

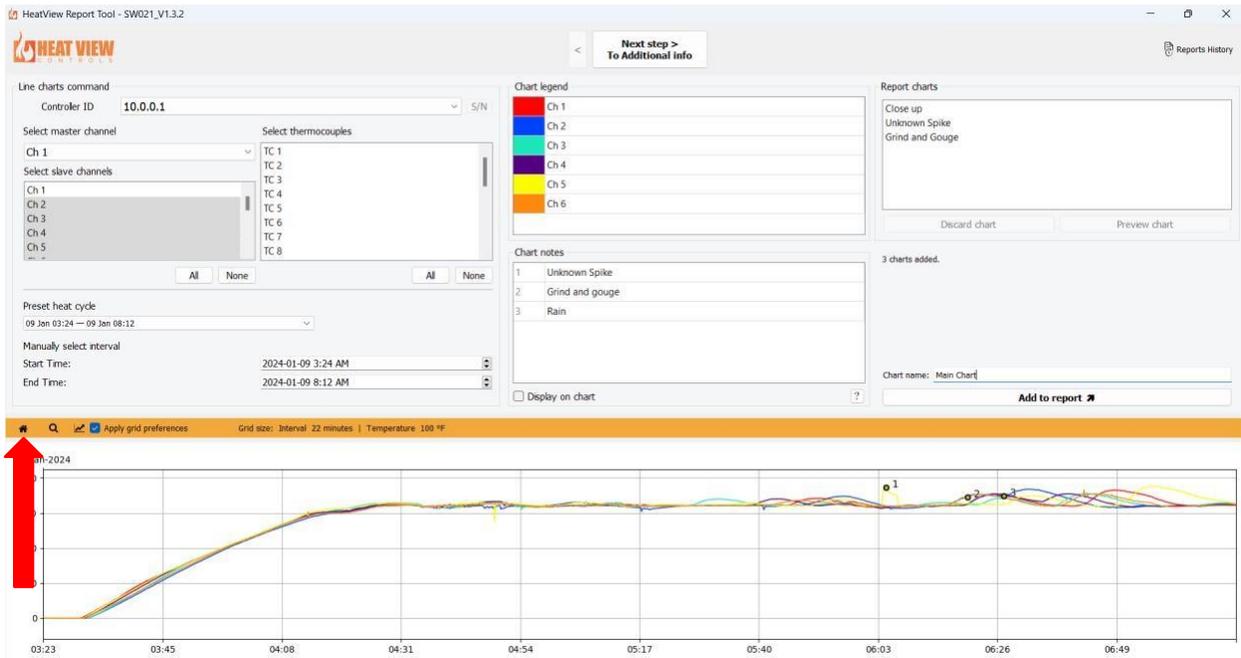
You can record different parts of the graph to create different charts within the report. You can select which area of the graph to chart by clicking on the magnifying glass icon above the graph and then dragging a box around the area of interest.



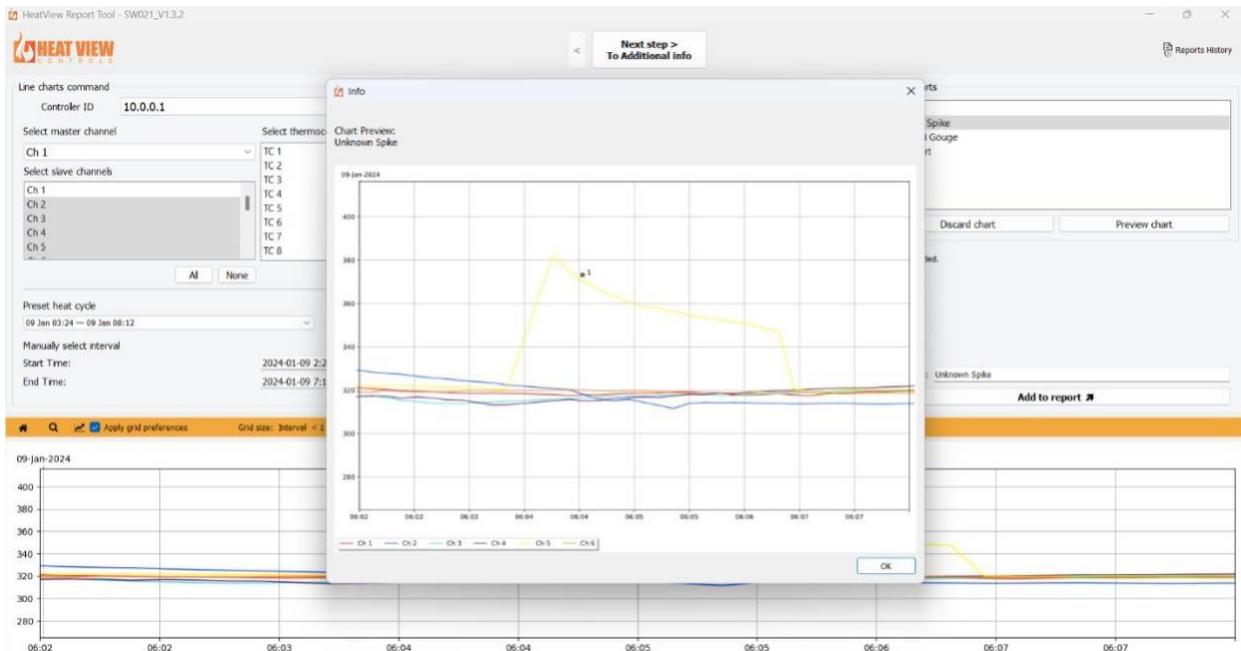
The charts can be named by typing in the box “Chart name:”. When you have a chart that you are happy with, simply click on the “Add to report” button.



To return to the original graph you click on the house icon above the graph.

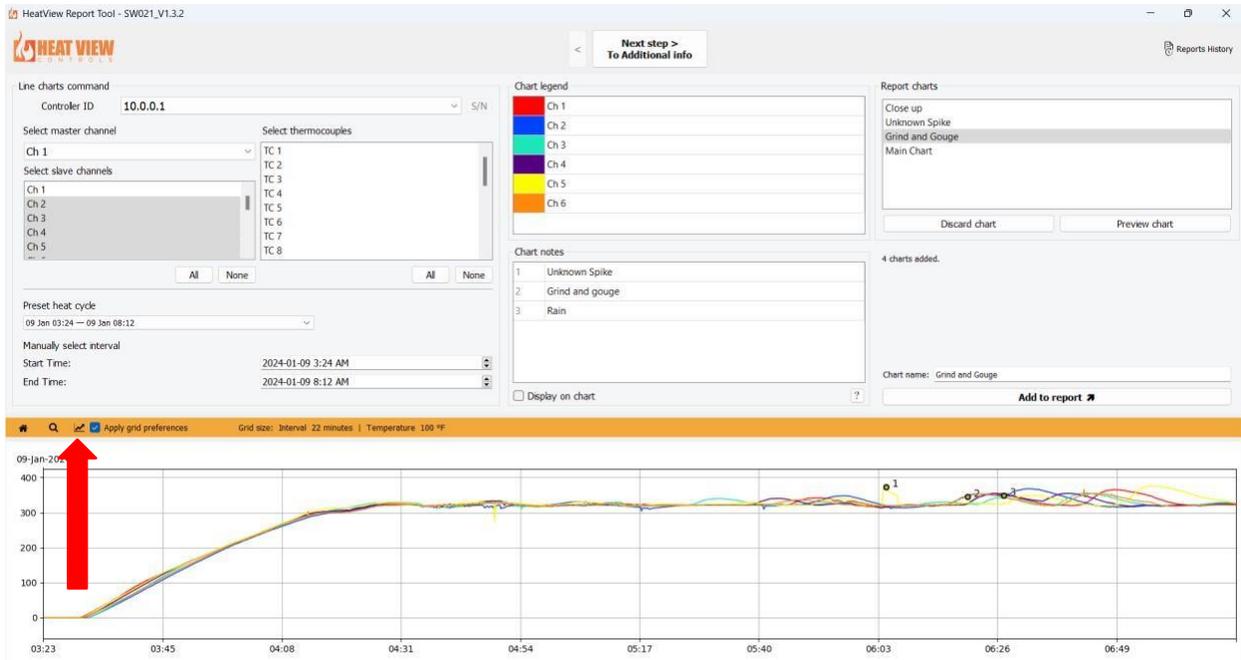


Under the “Report Charts” area, you will see a list of all the charts you have recorded so far for the report. To delete a chart, click on the chart you want deleted and click the “Discard chart” button. You can also select a chart and click on the “Preview chart” button to see what the chart will look like in the report. An example of “Preview chart” is shown below.

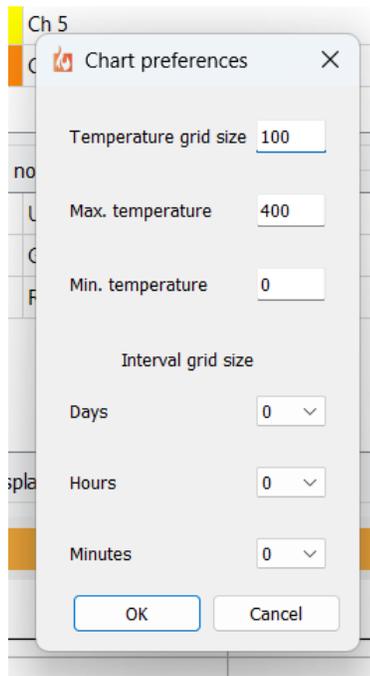


5: Grid

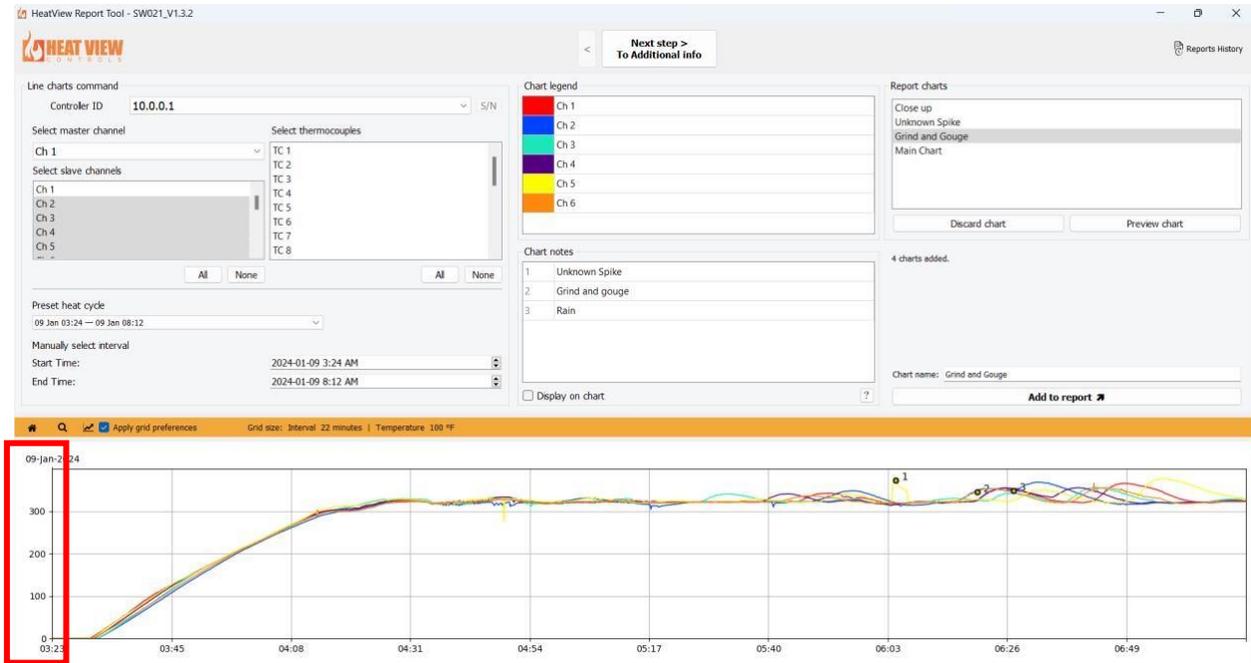
The time and temperature intervals on the graph can be adjusted by clicking on the arrow in a chart icon.



The “temperature grid size” is the interval you want the temperature sized by in the chart. For this example: the chart starts at 0°, goes up to 400°, and will be split into intervals of 100°. You can see the final result in the images shown below.

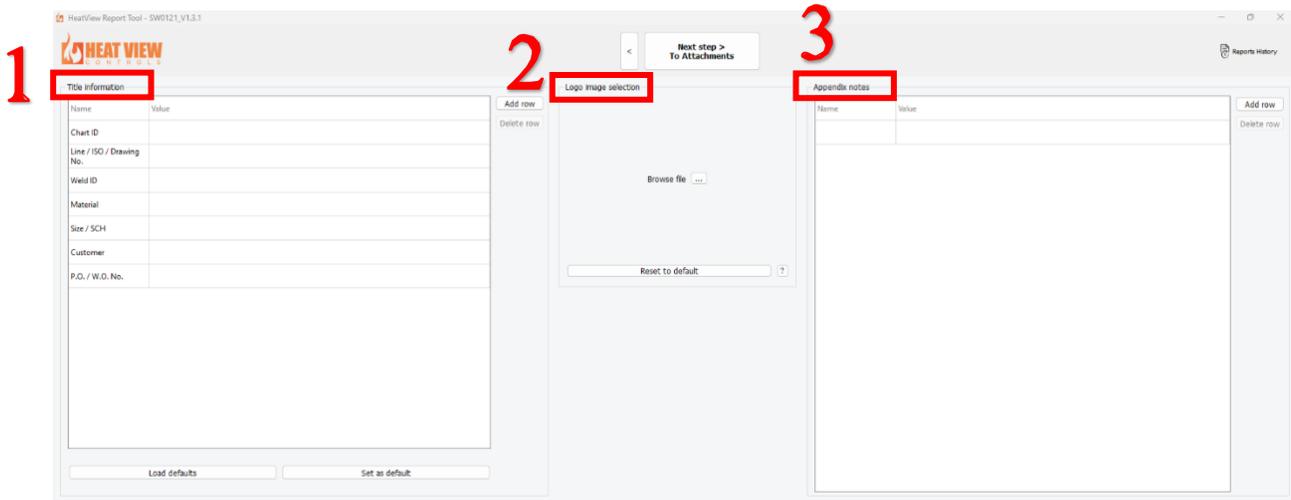


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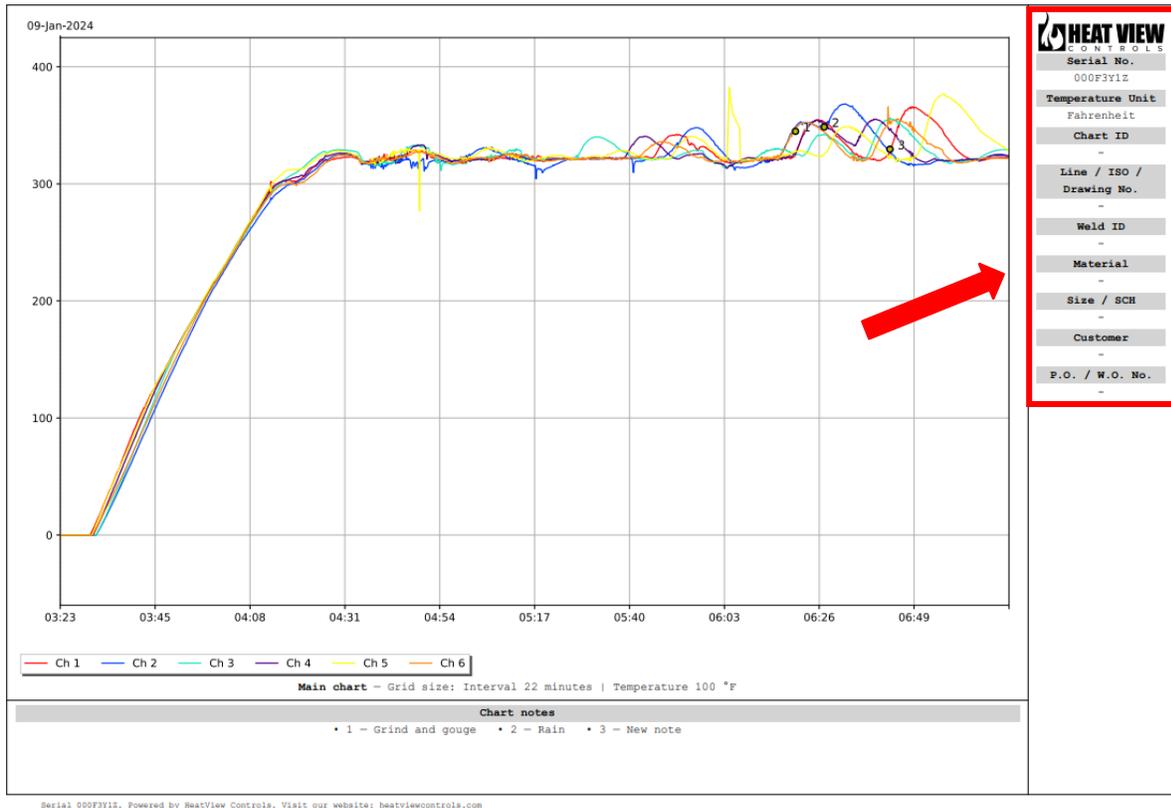
Proceed to the next page by clicking on the button at the top of the page that says “Next Step > To additional info”.

Second Page - This page is used for generating the title information, logo and notes displayed within the report.

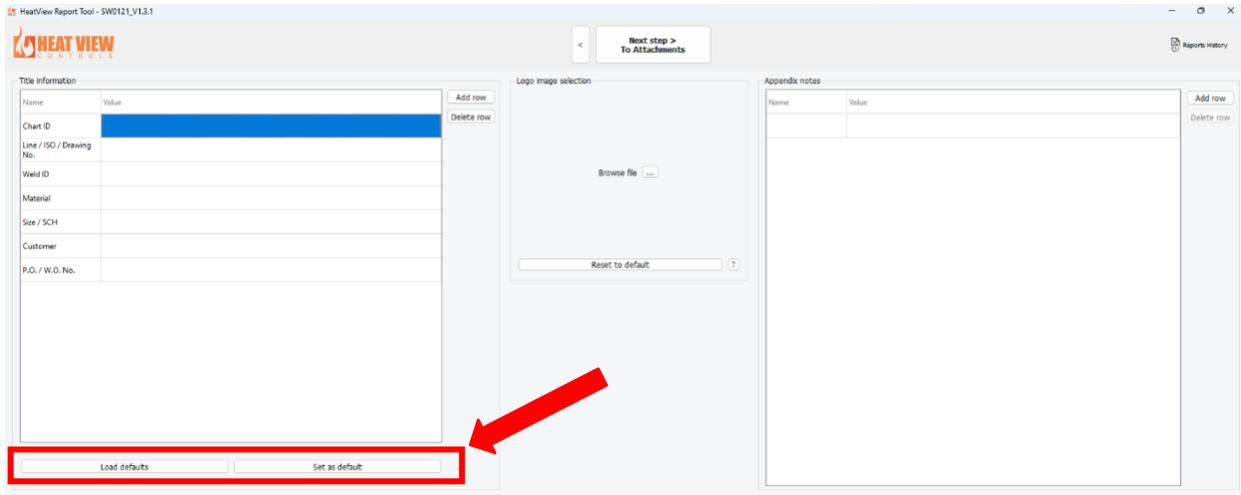


1: Title Information

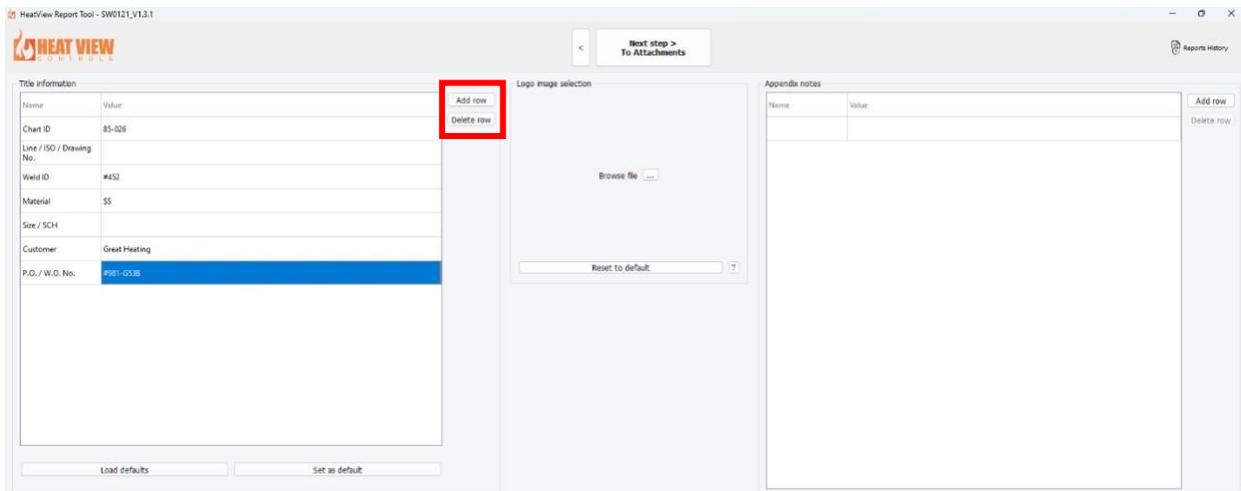
You can customize which information you would like to display on your report. This information will be displayed on the right side of the chart in the report, as shown below:



The table will hold the same row layout and details as the last time it was used. You can save the layout of the table by clicking on the “Set as default” button at the bottom. This will also save any text you have written into the value boxes. Then whenever you click on the “Load defaults” button, the layout you had previously saved will populate into the table.

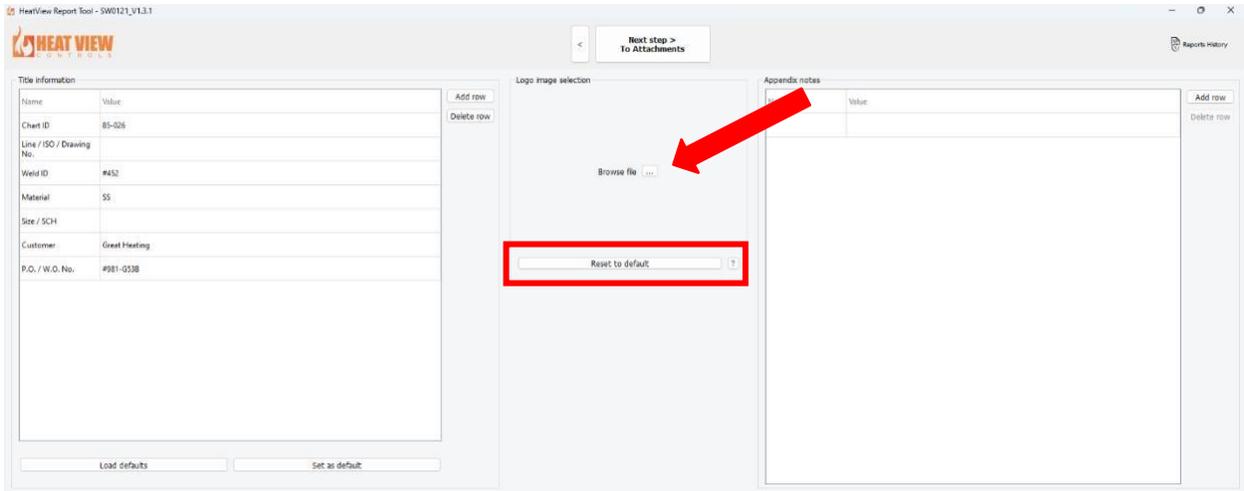


The Name and Value of the rows can be edited by simply clicking on the boxes and typing. Rows can be added by clicking on the “add row” button to the right. Rows can be deleted by clicking on either the name or value box of the row you want deleted and then clicking on the “delete row” while that row is selected.



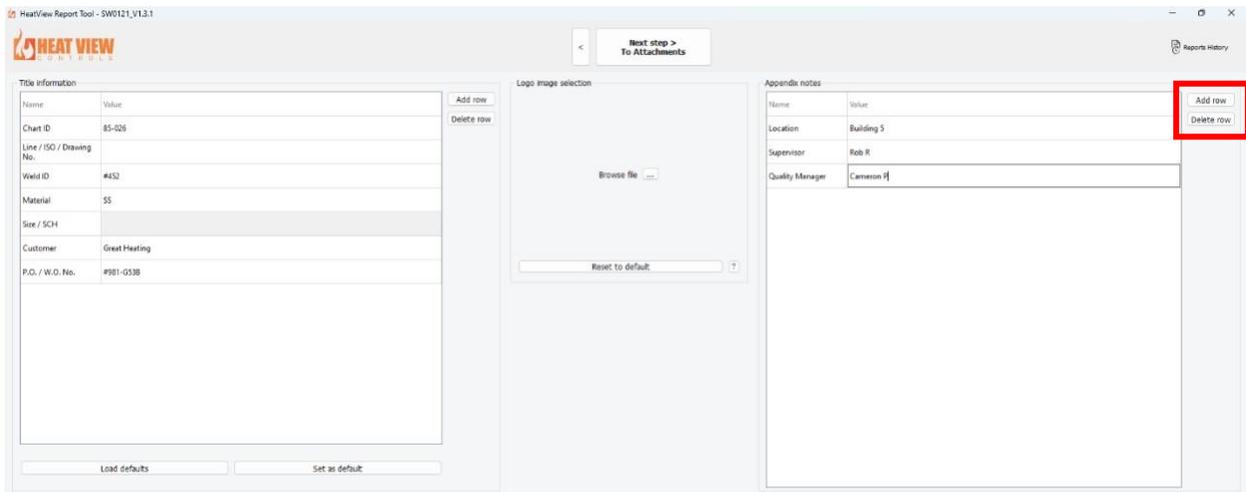
2: Logo image selection

You can choose to have your own logo displayed on the report by clicking on the “...” button next to “browse file” and selecting your logo file. The recommended logo size is 750x250 as a .png file. You can clear and reset the logo by clicking the “Reset to default” button.



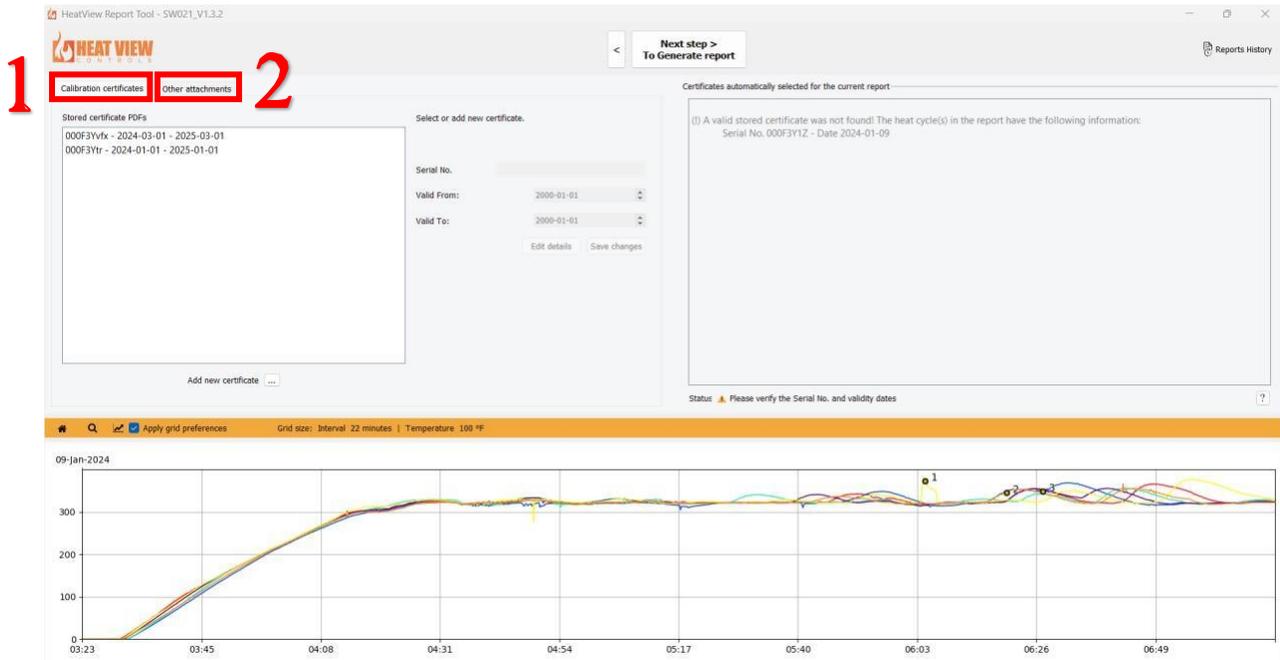
3: Appendix notes

Notes can be added to the end of the report using the appendix notes. This is similar to the “Title Information” section, where the Name and Value boxes can be edited by clicking on the box and typing. Rows can be added using the “add row” button. Rows can be deleted by clicking on either the Name box or the Value box of the row you want deleted and then clicking the “delete row” button.



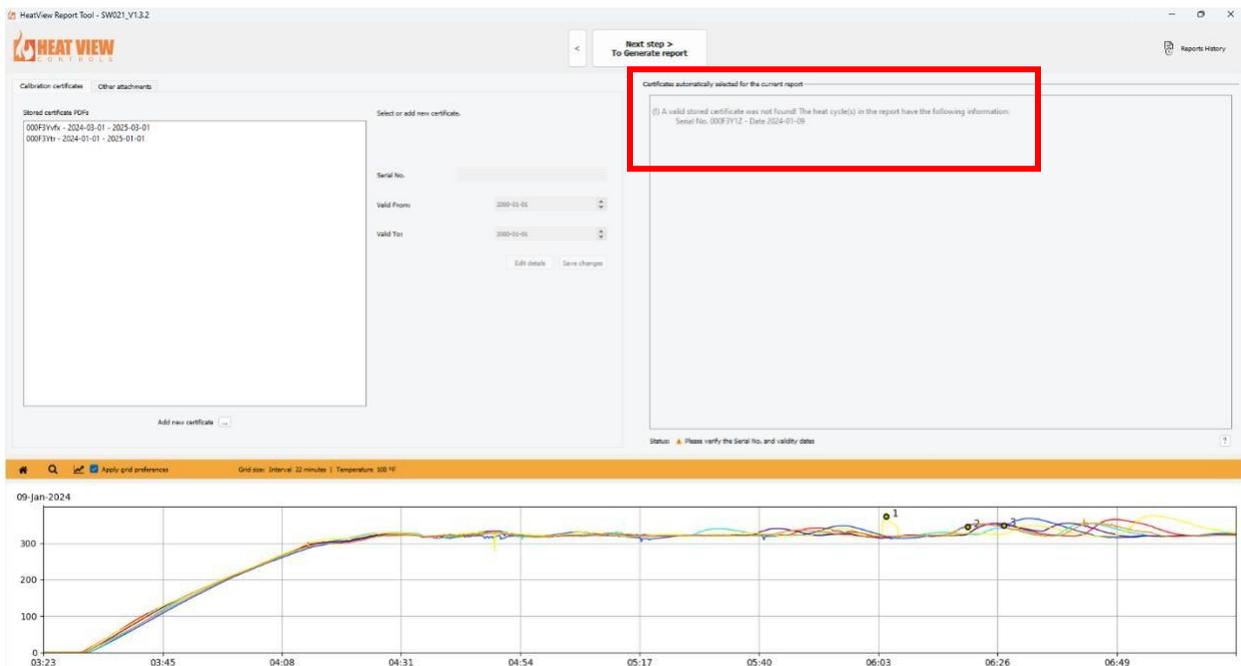
Proceed to the next page by clicking on the button at the top of the page that says “Next step > To Attachments”. You can return to the previous page by clicking on the “<” arrow beside the next step button.

Third Page - This page is used for generating attachments such as calibration certificates.

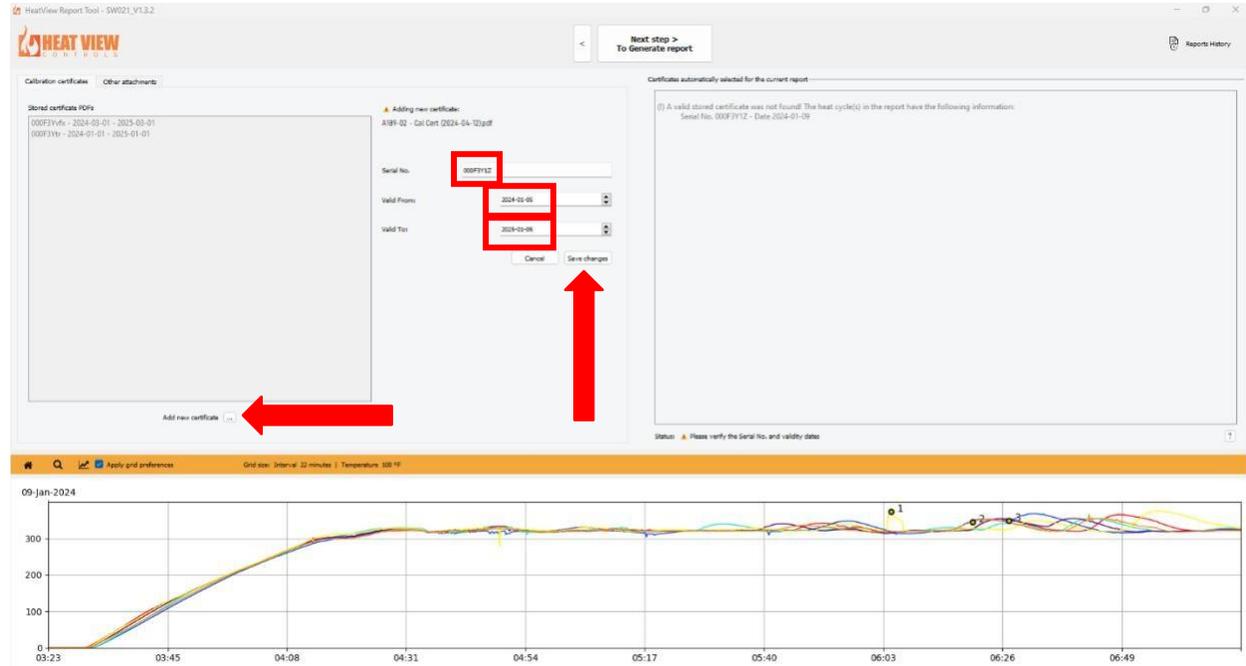


1: Calibration certificates

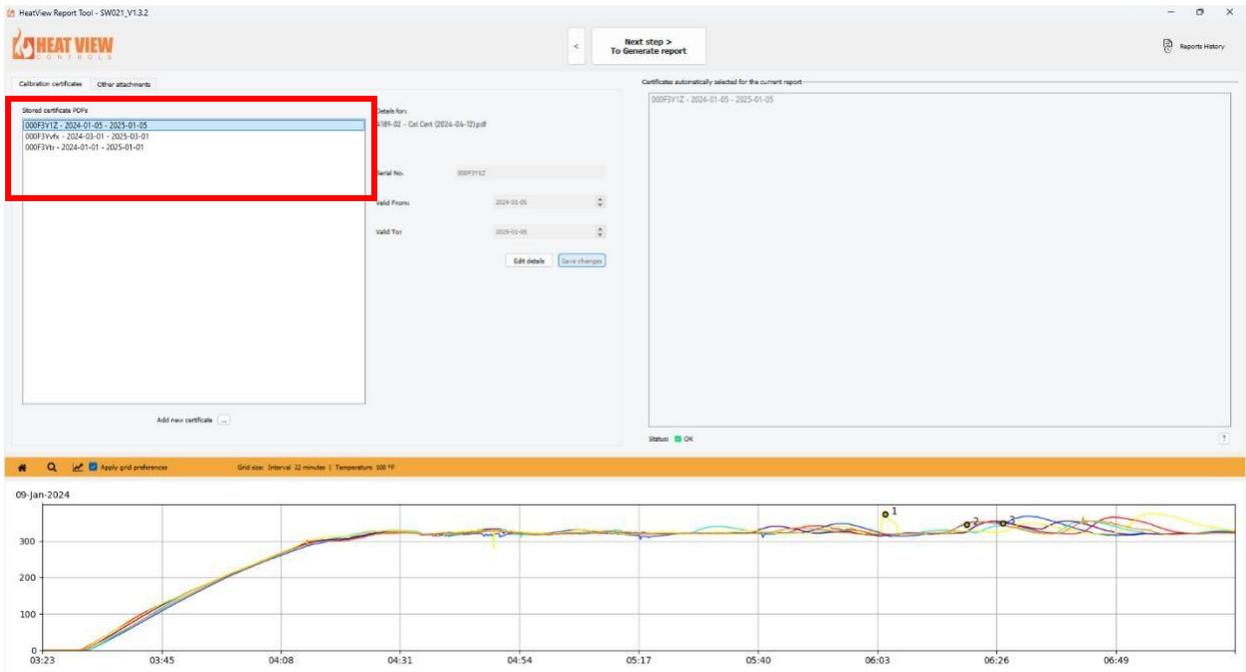
The dialog on the right side of the screen will remain there until a calibration certificate that matches both the serial number and is within the validity date is uploaded.



You can add new certificates by selecting the “...” button next to “Add new certificate” and selecting your .pdf file. Select the file you want and enter the correct serial number in the “Serial No.” box to the right of the table. Adjust the “Valid From:” and “Valid To:” dates to match the ones one on the calibration certificate you are attaching. When done, click the “Save changes” button.

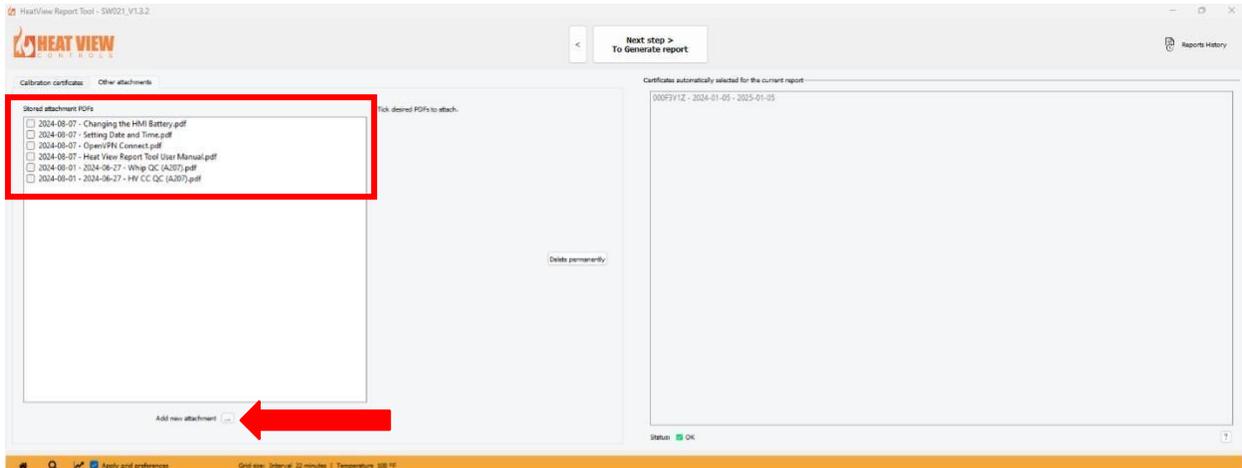


Once added, all uploaded certificates are shown in the “Stored certificate PDFs” table. Select the appropriate PDF from the table to include it in the report.

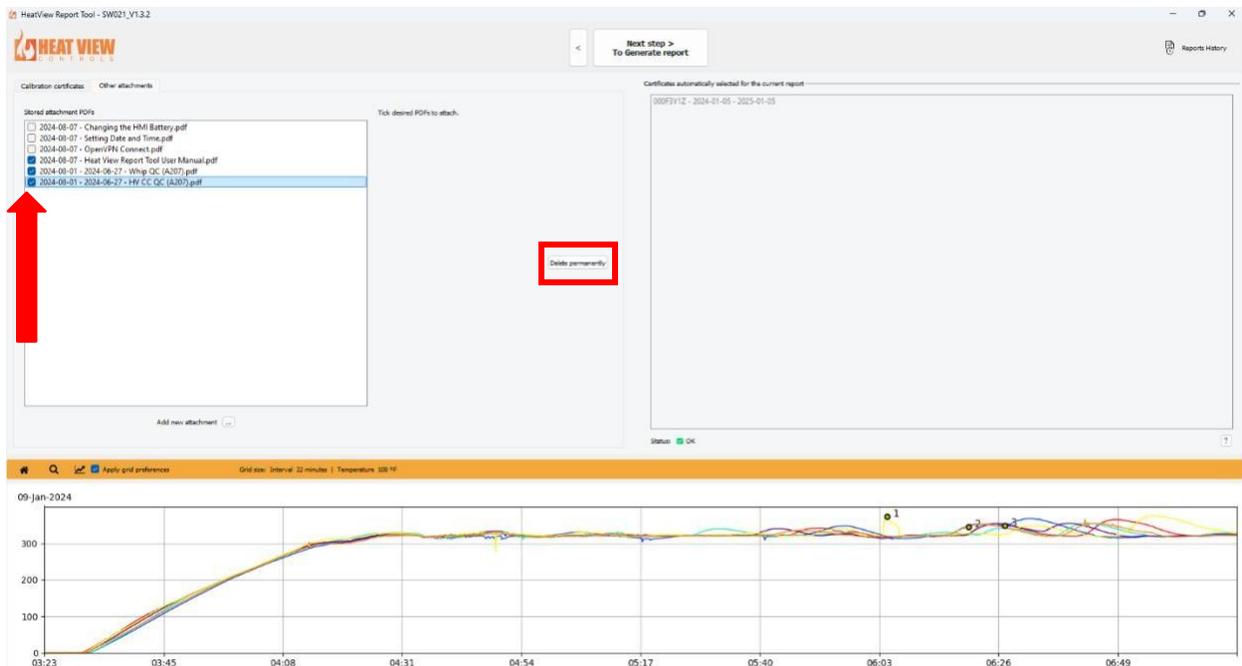


2: Other attachments

You can include other PDF attachments to your report such as quality checklists, manuals, other reports, etc. Click on the “...” button next to “Add new attachment” to browse your computer files for available PDFs. Once added, all uploaded PDFs are shown in the “Stored attachment PDFs” table.



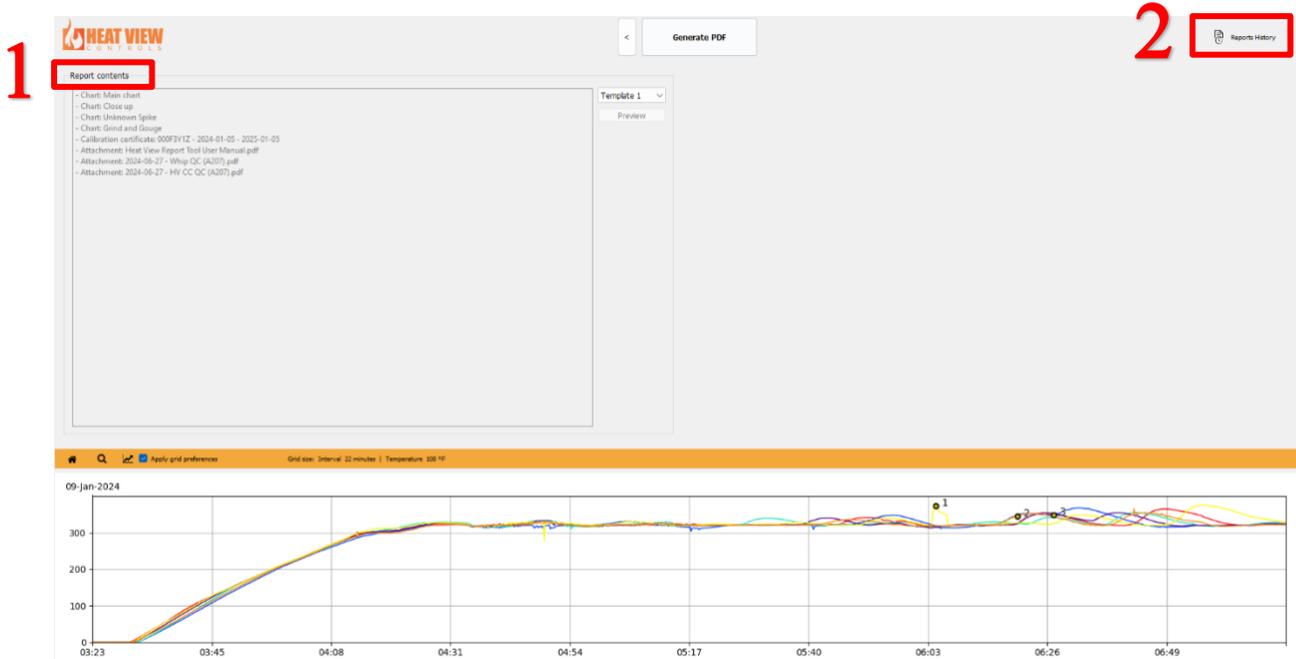
You can add other attachments to your report by clicking the box next to the PDF in the table. You can delete attachments by clicking on the name of the PDF file in the table to select it and then clicking the “Delete permanently”.



Proceed to the next page by clicking on the button at the top of the page that says “Next step > To Generate report”. You can return to the previous page by clicking on the “<” arrow beside the next step button.

Fourth Page

This page is used for reviewing the contents of the report before generating the report.



1: Report contents

This area will display all the different types of content (charts, attachments) you generated for the report to review. Once you are happy with the content included, you can click the button at the top of the page that says “Generate PDF”. This will open a “Save PDF File” pop-up window where you can enter a name for your report and save it your computer.



2: Reports History

You can load previous reports you have generated and edit any of the settings, charts, notes or attachments on it. The “Reports History” button will show you a table of all of the reports that you have generated so far where you can select which report you want to edit. The report details will be loaded into the software where you can alter them and then save a new version of the report.

