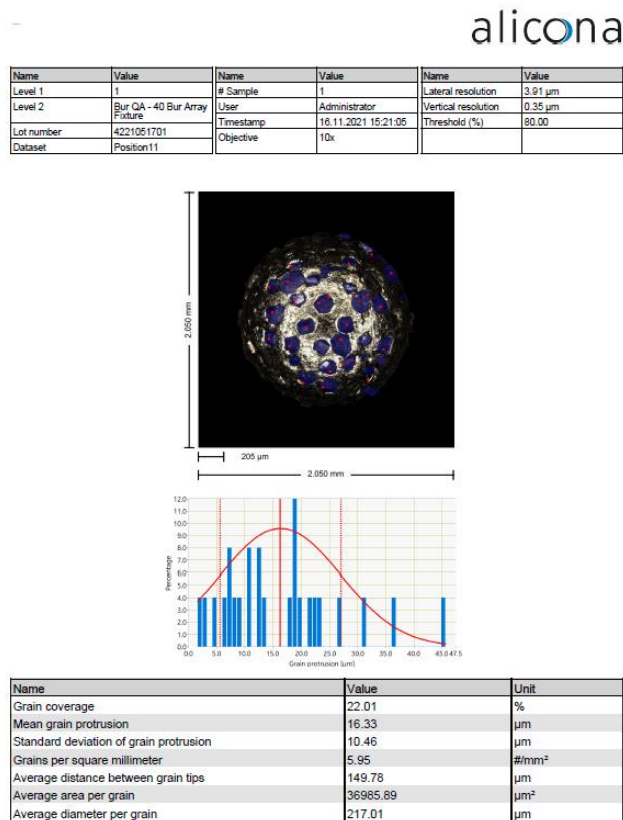


**NOTE: These instructions are meant to demonstrate how the software operates. It shall NOT serve as a substitute for any formal/approved procedures. Please refer to approved procedure for instructions.**

## Software Requirements:

- 1) The PDF with the bur scan need to have the following format:
  - a. "Lot\_<lot number>\_Scan\_<mm>-<dd>-<yyyy>\_<hh>-<mm>-<ss>\_Position<positionnumber>"
    - i. Note that the "<positionnumber>" needs to be between 1 and 40
  - b. Example:
    - i. "Lot\_5221051701\_Scan\_11-16-2021\_15-21-05\_Position17"
  - c. If a different naming schema is used, the software will not be able to read results
- 2) The PDF with the bur results need to have the following format:

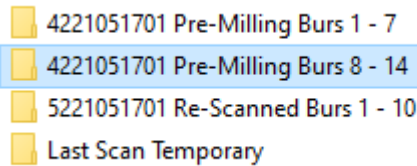


1/1

Any changes to the format may cause the software not to work

- 3) The software has to be ran as **an administrator**
  - a. Right click on software executable file
  - b. Click on properties
  - c. Click on Compatibility
  - d. Select "Run this program as an administrator"
  - e. Click "Apply"
  - f. Click "OK"
- 4) The csv file generated on each scan needs to be in the following format:
  - a. "Lot\_<lot number>\_Scan\_<mm>-<dd>-<yyyy>\_<hh>-<mm>-<ss>"
    - b. Example:
      - i. "Lot\_5221051701\_Scan\_11-16-2021\_15-21-05"
- 5) The "Root Folder Location" in which the folders are transferred to need to match the "Current File Path" under the settings tab
- 6) In the "Root Folder Location", there must be a subdirectory of desired name, in which the machine will save the temporary scan PDF files (and csv) to. Such directory name need to match the directory name shown under "Current Temp Folder Name" in the settings screen. Avoid name with any special characters. That may cause an error
- 7) The Root Folder location + Current Temp Folder Name + the PDF file names combined need to be less than 260 characters

- 8) The Root Folder Location + Current Temp Folder name need to be less than 248 characters.
- 9) It is strongly recommended that the root folder is a clean folder, only containing the temporary folder and the saved scans. Having multiple other folders in the root folder may confuse the software. See an example of a clean folder below.



- 10) The folder schema used to move the temporary files to are as follow:
  - a. For newly scanned burs:
    - i.  $\text{<lotnumber> Pre-Milling Burs <lotburnumberstartindex> - <lotburnumberendingindex>}$
    - ii. Example: "4221051701 Pre-Milling Burs 8 – 14"
  - b. For re-scans:
    - i.  $\text{<lotnumber> Re-Scanned Burs <lotburnumberstartindex> - <lotburnumberendingindex>}$
    - ii. Example: "4221051701 Re-Scanned Burs 1000 – 1020"
  - c. Note that changing the folder schema may cause errors in the system
- 11) If a folder needs to be created manually, it is imperative that the save folder schema above is followed.
- 12) The Mean Tip Value (MTV1) criteria needs to be an integer number greater than zero.
- 13) The grain coverage criteria (GC1, GC2, GC3) require the following:
  - a.  $\text{GC1} > 0$
  - b.  $\text{GC2} > \text{GC1}$
  - c.  $\text{GC3} > \text{GC2}$
  - d. GC1, GC2, GC3 are integers

**Note:** the software will utilize MTV1, GC1, GC2, GC3 to determine if a bur passed, failed, or quarantined. See criteria below:

**Mean Tip Value (MTV) Criteria**

Set New Value	Current Values
MTV1: <input type="text"/>	40

MTV1: pass fail

**Grain Coverage (GC) Criteria**

Set New Value	Current Values
GC1: <input type="text"/>	10
GC2: <input type="text"/>	25
GC3: <input type="text"/>	50

GC1: fail GC2: quarantine GC3: pass quarantine

**Bur Criteria**

- Bur Passed
  - MTV-> Pass
  - AND
  - GC-> Pass
- Bur Quarantined
  - MTV-> Pass
  - AND
  - GC-> Quarantine
- Bur Failed
  - MTV-> Fail
  - OR
  - GC-> Fail
- Bur Not Tested  
Dummy Bur

- 14) The PDF files (and csv) generate by the machine must not be open or in use. Make sure to close any applications using those files (including the Alicona PDF reader)
- 15) The scanning of burs scans between 1-40 burs per time.
- 16) The computer must have adobe PDF read installed on it

## Installation:

Copy bin Folder into desktop.

Open the folder

Right click on “User Interface” and set it to always run as administrator

Name	Date modified	Type	Size
4221102101 Pre-Milling Burs 91 - 127	11/15/2021 6:40 AM	File folder	
de	11/18/2021 4:58 AM	File folder	
AxInterop.AcroPDFLib.dll	11/16/2021 2:34 PM	Application exten...	8 KB
Interop.AcroPDFLib.dll	11/16/2021 2:34 PM	Application exten...	12 KB
Interop.PCOMMSEVERLib.dll	11/9/2021 5:35 PM	Application exten...	111 KB
itextsharp.dll	11/9/2021 5:35 PM	Application exten...	4,284 KB
PdfSharp.Charting.dll	2/4/2019 1:21 PM	Application exten...	79 KB
PdfSharp.Charting	2/4/2019 1:21 PM	XML Document	127 KB
PdfSharp.dll	2/4/2019 1:21 PM	Application exten...	523 KB
PdfSharp	2/4/2019 1:21 PM	XML Document	1,076 KB
Software Customables - Copy	11/12/2021 5:53 AM	Text Document	1 KB
Software Customables	11/18/2021 6:50 AM	Text Document	1 KB
User Interface	11/18/2021 6:14 AM	Application	788 KB
User Interface.exe.config	11/9/2021 5:35 PM	XML Configuratio...	1 KB
User Interface.pdb	11/18/2021 6:14 AM	Program Debug D...	164 KB

Right click on “User Interface” and copy it

Go on desktop and paste it as a **shortcut**

**Use the shortcut to open program**

**Note:** tampering with any files on the software folder may break the software

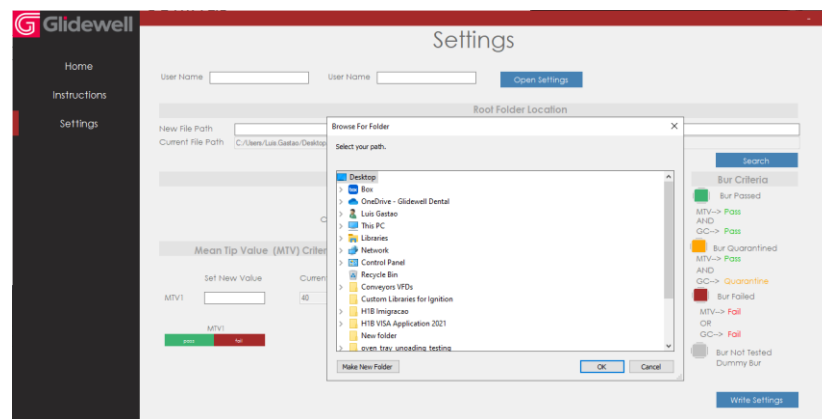
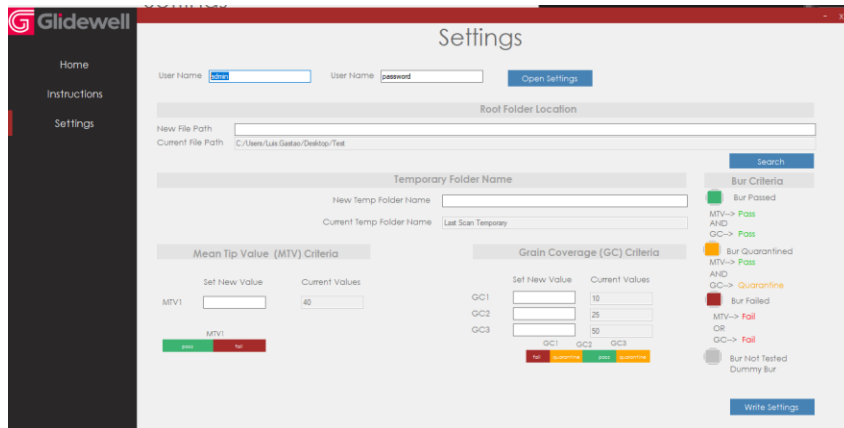
### Settings:

To change the system settings:

- click on the "Settings" tab
- insert "User Name" and "Password" (contact system admin for more info)
- Click "Open Settings"

The screenshot shows a web application window titled "Glidewell". On the left is a dark sidebar with three menu items: "Home", "Instructions", and "Settings". The "Settings" item is highlighted with a red bar. The main content area has a light gray background and is titled "Settings" at the top. Below the title, there are two input fields, both labeled "User Name". To the right of the second input field is a blue button labeled "Open Settings". In the center of the page, there is a large text prompt: "Input "User Name" and "Password "to unlock". At the bottom right of the main area, there is a blue button labeled "Write Settings".

Under “Root Folder Name”, select the root folder of your system. This is the folder in which sub folders will be created to transfer the temp PDF files to. You can either paste a file path to it or click the “Search” button to open the folder path browser



Under “Temporary Folder Name”, type the desired temporary folder name

The screenshot shows the 'Settings' window of the Glidewell application. The window has a dark sidebar on the left with 'Home', 'Instructions', and 'Settings' (selected). The main area is titled 'Settings' and contains several sections for configuring the application.

**User Information:** Two 'User Name' input fields and an 'Open Settings' button.

**Root Folder Location:** A section with 'New File Path' and 'Current File Path' (C:/Users/Luis.Gastao/Desktop/Test) input fields, and a 'Search' button.

**Temporary Folder Name:** A section with 'New Temp Folder Name' and 'Current Temp Folder Name' (Last Scan Temporary) input fields.

**Mean Tip Value (MTV) Criteria:** A table with columns 'Set New Value' and 'Current Values'. The row for 'MTV1' shows a current value of 40. Below the table is a legend for 'MTV1' with 'pass' (green) and 'fail' (red) indicators.

**Grain Coverage (GC) Criteria:** A table with columns 'Set New Value' and 'Current Values'. Rows for 'GC1', 'GC2', and 'GC3' show current values of 10, 25, and 50 respectively. Below the table is a legend for 'GC1', 'GC2', and 'GC3' with 'fail' (red), 'quarantine' (orange), and 'pass' (green) indicators.

**Bur Criteria:** A section with a 'Bur Passed' checkbox (checked), 'MTV--> Pass', 'AND', 'GC--> Pass', 'Bur Quarantined' checkbox (unchecked), 'MTV--> Pass', 'AND', 'GC--> Quarantine', 'Bur Failed' checkbox (unchecked), 'MTV--> Fail', 'OR', 'GC--> Fail', and 'Bur Not Tested Dummy Bur' checkbox (unchecked).

A 'Write Settings' button is located at the bottom right of the settings area.

Insert values for Mean Tip Value (MTV1), Grain Coverage (GC1, GC2, GC3). Note that the software will require that these values are:

- MTV1, GC1, GC2, GC3 are integers
- $MTV1 > 0$
- $GC1 > 0$
- $GC2 > GC1$
- $GC3 > GC2$

If the criteria above is not followed, the software will spill an error accordingly

The screenshot shows the Glidewell Settings application window. A 'Verify Inputs' dialog box is open in the center, displaying the following text:

Please make sure that values for MTV1, GC1, GC2, GC3 follow the criteria below

- MTV1 > 0
- GC3 > GC2
- GC2 > GC1
- GC1 > 0

The dialog has an 'OK' button. In the background, the Settings window is visible with the following elements:

- Header:** Glidewell logo and 'Settings' title.
- Left Sidebar:** Home, Instructions, Settings (selected).
- User Information:** Two 'User Name' input fields and an 'Open Settings' button.
- Root Folder Location:** A text field containing 'C:\Users\Luis Gastao\Desktop\Test'.
- New File Path:** A text field containing 'C:\Users\Luis Gastao\Desktop\Test'.
- Current File Path:** A text field containing 'C:\Users\Luis Gastao\Desktop\Test'.
- Search:** A blue button.
- Bur Criteria:** A section with a green 'Bur Passed' indicator and text: 'MTV--> Pass', 'AND', 'GC--> Pass'.
- Bur Quarantined:** A yellow indicator and text: 'Bur Quarantined', 'MTV--> Pass', 'AND', 'GC--> Quarantine'.
- Bur Failed:** A red indicator and text: 'Bur Failed', 'MTV--> Fail', 'OR', 'GC--> Fail'.
- Bur Not Tested Dummy Bur:** A grey indicator and text: 'Bur Not Tested Dummy Bur'.
- Write Settings:** A blue button.
- Mean Tip Value (MTV) Criteria:** A section with a 'Set New Value' input field (containing '40') and a 'Current Value' input field (containing '40'). Below these are two buttons: 'pass' (green) and 'fail' (red).
- Coverage (GC) Criteria:** A section with a table of input and current values for GC1, GC2, and GC3.

	value	Current Values
GC1	25	10
GC2	25	25
GC3	50	50

Below the table, there are three pairs of buttons: 'fail' (red) and 'quarantine' (yellow) for GC1, 'pass' (green) and 'quarantine' (yellow) for GC2, and 'pass' (green) and 'quarantine' (yellow) for GC3.



Once all the field are filled, click on write settings. Note that all the fields need to be filled for the system to write the settings.

Glidewell

Home

Instructions

Settings

## Settings

User Name  User Name  Open Settings

Root Folder Location

New File Path

Current File Path

Temporary Folder Name

New Temp Folder Name

Current Temp Folder Name

Mean Tip Value (MTV) Criteria

Set New Value

Current Values

MTV1

MTV1

pass

fail

Grain Coverage (GC) Criteria

Set New Value

Current Values

GC1

GC2

GC3

GC1

GC2

GC3

fail

quarantine

pass

quarantine

Bur Criteria

☒ Bur Passed

MTV-> **Pass**

AND

GC-> **Pass**

☒ Bur Quarantined

MTV-> **Pass**

AND

GC-> **Quarantine**

☒ Bur Failed

MTV-> **Fail**

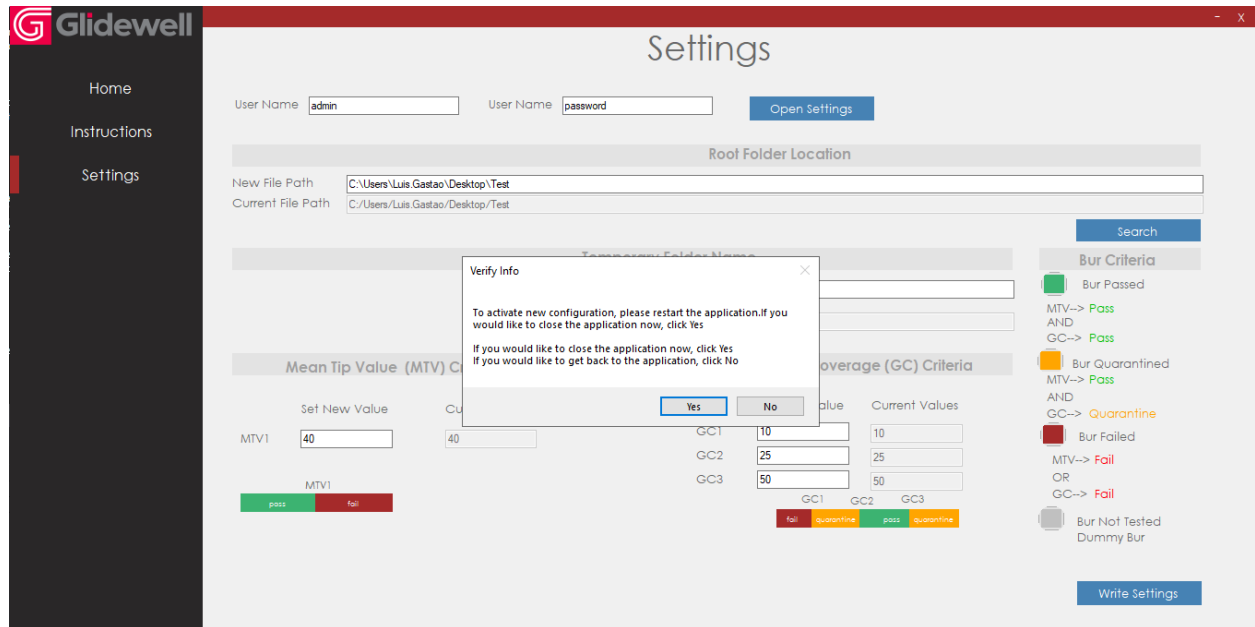
OR

GC-> **Fail**

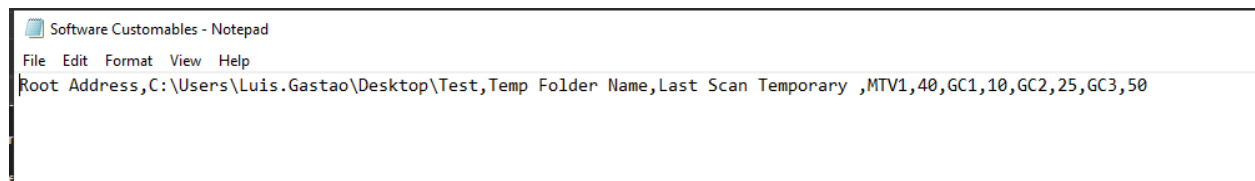
☐ Bur Not Tested

Dummy Bur

A confirmation message will appear. Confirm that the settings are as you want and click “Yes”. The system will save the settings to a local txt file called “Software Customables”.



The “Software Customables” saves all the settings for the software. If it is tampered with manually, the software may stop working. The content of the file looks as follows:



## Operation:

Make sure that there are PDF files in the temp folder. Click on “Scan Folder” . This will scan the temporary folder for all distinct scans, according to the lot number and date\_time. The results will be available under the “Select Lot # datetime” drop down menu

**Burs Inspection**

User Input

Select Lot # datetime

Scan Folder Read Results Open Merged PDF Move/Delete Files Clear

Scan Results

Bur Criteria

MTV and GC Criteria

Grain Coverage (GC)

Name	Date modified	Type	Size
Lot_4221051701_Scan_11-16-2021_15-21-05	11/16/2021 3:48 PM	Microsoft Excel C...	168 KB
Lot_4221051701_Scan_11-16-2021_15-21-05_Position4	11/16/2021 3:39 PM	Adobe Acrobat D...	7,668 KB
Lot_4221051701_Scan_11-16-2021_15-21-05_Position5	11/16/2021 3:40 PM	Adobe Acrobat D...	7,128 KB
Lot_4221051701_Scan_11-16-2021_15-21-05_Position6	11/16/2021 3:40 PM	Adobe Acrobat D...	4,000 KB
Lot_4221051701_Scan_11-16-2021_15-21-05_Position7	11/16/2021 3:40 PM	Adobe Acrobat D...	3,552 KB
Lot_4221051701_Scan_11-16-2021_15-21-05_Position8	11/16/2021 3:40 PM	Adobe Acrobat D...	3,954 KB
Lot_4221051701_Scan_11-16-2021_15-21-05_Position9	11/16/2021 3:41 PM	Adobe Acrobat D...	3,746 KB
Lot_4221051701_Scan_11-16-2021_15-21-05_Position10	11/16/2021 3:41 PM	Adobe Acrobat D...	3,890 KB
Lot_5221051701_Scan_11-16-2021_15-21-05	11/16/2021 3:48 PM	Microsoft Excel C...	168 KB
Lot_5221051701_Scan_11-16-2021_15-21-05_Position1	11/16/2021 3:41 PM	Adobe Acrobat D...	3,761 KB
Lot_5221051701_Scan_11-16-2021_15-21-05_Position2	11/16/2021 3:41 PM	Adobe Acrobat D...	3,678 KB
Lot_5221051701_Scan_11-16-2021_15-21-05_Position3	11/16/2021 3:42 PM	Adobe Acrobat D...	3,759 KB
Lot_5221051701_Scan_11-16-2021_15-21-05_Position4	11/16/2021 3:42 PM	Adobe Acrobat D...	3,785 KB
Lot_5221051701_Scan_11-16-2021_15-21-05_Position5	11/16/2021 3:42 PM	Adobe Acrobat D...	3,859 KB
Lot_5221051701_Scan_11-16-2021_15-21-05_Position6	11/16/2021 3:42 PM	Adobe Acrobat D...	3,879 KB
Lot_5221051701_Scan_11-16-2021_15-21-05_Position7	11/16/2021 3:43 PM	Adobe Acrobat D...	3,670 KB
Lot_5221051701_Scan_11-16-2021_15-21-05_Position8	11/16/2021 3:43 PM	Adobe Acrobat D...	3,796 KB
Lot_5221051701_Scan_11-16-2021_15-21-05_Position9	11/16/2021 3:43 PM	Adobe Acrobat D...	3,799 KB
Lot_5221051701_Scan_11-16-2021_15-21-05_Position10	11/16/2021 3:43 PM	Adobe Acrobat D...	3,702 KB

In the example of the image above, there are two lots 5221051701 and 4221051701. They both will display in the drop down menu. If there were 3 scans of the same lot, they would still display in the drop down menu as lot as the date\_time they were performed were all different

Note that the drop down menu does not automatically refresh. Any time you would like to refresh it, click on “Scan Folder”

On the drop down “Select Lot # datetime”, select desired lot # and date\_time. Next, click on “Read Results”. Note: make sure ALL PDFs are closed and note in use.

Home

Instructions

Settings

## Burs Inspection

Select Lot #

datetime

4221051701\_11-16-2021\_15:21:05

Scan Folder

Read Results

Open Merged PDF

Move/Delete Files

Clear

### Scan Results

1	GC: gc bur1 MTV: mtv bur1	2	GC: gc bur2 MTV: mtv bur2	3	GC: gc bur3 MTV: mtv bur3	4	GC: gc bur4 MTV: mtv bur4	5	GC: gc bur5 MTV: mtv bur5
6	GC: gc bur6 MTV: mtv bur6	7	GC: gc bur7 MTV: mtv bur7	8	GC: gc bur8 MTV: mtv bur8	9	GC: gc bur9 MTV: mtv bur9	10	GC: gc bur10 MTV: mtv bur10
11	GC: gc bur11 MTV: mtv bur11	12	GC: gc bur12 MTV: mtv bur12	13	GC: gc bur13 MTV: mtv bur13	14	GC: gc bur14 MTV: mtv bur14	15	GC: gc bur15 MTV: mtv bur15
16	GC: gc bur16 MTV: mtv bur16	17	GC: gc bur17 MTV: mtv bur17	18	GC: gc bur18 MTV: mtv bur18	19	GC: gc bur19 MTV: mtv bur19	20	GC: gc bur20 MTV: mtv bur20
21	GC: gc bur21 MTV: mtv bur21	22	GC: gc bur22 MTV: mtv bur22	23	GC: gc bur23 MTV: mtv bur23	24	GC: gc bur24 MTV: mtv bur24	25	GC: gc bur25 MTV: mtv bur25
26	GC: gc bur26 MTV: mtv bur26	27	GC: gc bur27 MTV: mtv bur27	28	GC: gc bur28 MTV: mtv bur28	29	GC: gc bur29 MTV: mtv bur29	30	GC: gc bur30 MTV: mtv bur30
31	GC: gc bur31 MTV: mtv bur31	32	GC: gc bur32 MTV: mtv bur32	33	GC: gc bur33 MTV: mtv bur33	34	GC: gc bur34 MTV: mtv bur34	35	GC: gc bur35 MTV: mtv bur35
36	GC: gc bur36 MTV: mtv bur36	37	GC: gc bur37 MTV: mtv bur37	38	GC: gc bur38 MTV: mtv bur38	39	GC: gc bur39 MTV: mtv bur39	40	GC: gc bur40 MTV: mtv bur40

### Bur Criteria

Bur Passed

MTV--> Pass

AND

GC--> Pass

Bur Quarantined

MTV--> Pass

AND

GC--> Quarantine

Bur Failed

MTV--> Fail

OR

GC--> Fail

Bur Not Tested

Dummy Bur

### MTV and GC Criteria

Mean Tip Value (MTV)

40

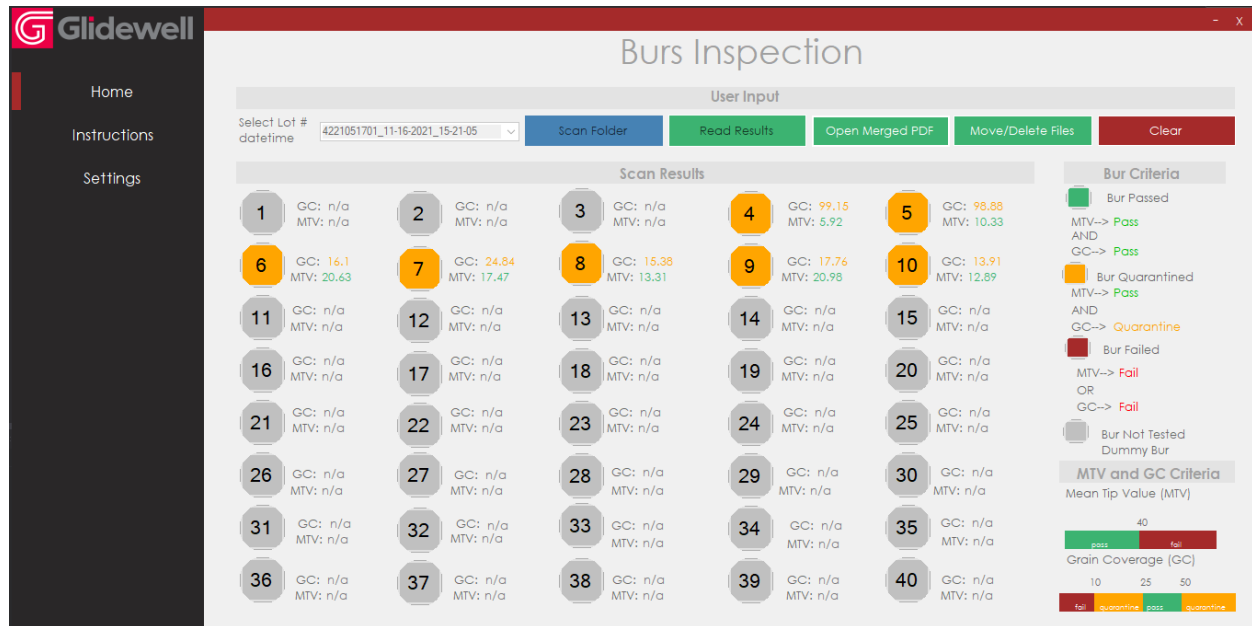
pass fail

Grain Coverage (GC)

10 25 50

fail quarantine pass quarantine

The results will populate in the screen. The software traverses through all PDFS with the selected lot # and datetime, and retrieve the mean tip value and grain coverage results. Based on the results, it uses the criteria shown to the right side of the screen to determine if the bur has passed, failed, or should be quarantined. The individual grain coverage and mean tip value for each bur is also shown in the screen and colored accordingly.

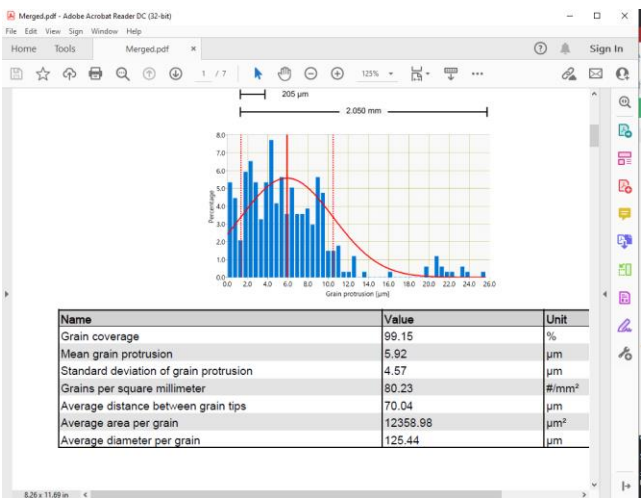


Note that the “Scan Folder” and “Read Results” buttons become disabled. If you would not like to “Open Merged PDF” or “Move/Delete Files”, simply click “Clear”, select “Yes” and the screen will go clear all values, and re-enable the “Scan” and “Read Results” button

If you would like to see all PDFs, click on “Open Merged PDF”. This will

- merge all PDFs for the select lot #/datetime a
- Save it to the temporary folder as “Merged”
  - Note that if there is a file called “Merged” in that folder already, it will simply overwrite it.
- Open the merged PDF
  - Note that if there is a file called “Merged” in the temp folder and it is opened, the software will not be able to overwrite it, merge them, and open. Please make sure to close any files called “Merged”

Note that the merging and opening of the file may take a few seconds. Please wait until the PDF



	Lot_4221051701_Scan_11-16-2021_15-21-05	11/16/2021 3:48 PM	Microsoft Excel C...	168 KB
	Lot_4221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:39 PM	Adobe Acrobat D...	7,668 KB
	Lot_4221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:40 PM	Adobe Acrobat D...	7,128 KB
	Lot_4221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:40 PM	Adobe Acrobat D...	4,000 KB
	Lot_4221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:40 PM	Adobe Acrobat D...	3,552 KB
	Lot_4221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:40 PM	Adobe Acrobat D...	3,954 KB
	Lot_4221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:41 PM	Adobe Acrobat D...	3,746 KB
	Lot_4221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:41 PM	Adobe Acrobat D...	3,890 KB
	Lot_5221051701_Scan_11-16-2021_15-21-05	11/16/2021 3:48 PM	Microsoft Excel C...	168 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:41 PM	Adobe Acrobat D...	3,761 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:41 PM	Adobe Acrobat D...	3,678 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:42 PM	Adobe Acrobat D...	3,759 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:42 PM	Adobe Acrobat D...	3,785 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:42 PM	Adobe Acrobat D...	3,859 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:42 PM	Adobe Acrobat D...	3,879 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:43 PM	Adobe Acrobat D...	3,670 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:43 PM	Adobe Acrobat D...	3,796 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:43 PM	Adobe Acrobat D...	3,799 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:43 PM	Adobe Acrobat D...	3,702 KB
	Merged	11/18/2021 5:18 AM	Adobe Acrobat D...	33,933 KB

Name	Date modified	Type	Size
Last Scan Temporary	11/18/2021 5:16 AM	File folder	

To the temporary PDF files of the select lot # and datetime to a new folder on the root directory, click on “Move/Delete Files”.

A message asking if this is a rescan will appear. If it is a re-scan, select “Yes”; if it is not, select “No”

**Glidewell**

Home  
Instructions  
Settings

## Burs Inspection

User Input

Select Lot # datetime: 4221051701\_11-16-2021\_15-21-05

Scan Folder Read Results Open Merged PDF Move/Delete Files Clear

Scan Results

Bur #	GC	MTV
1	n/a	n/a
2	n/a	n/a
3	n/a	n/a
4	99.15	5.92
5	98.88	10.33
6	16.1	20.63
7	24.84	17.47
8	15.38	
9	17.76	20.98
10	13.91	12.89
11	n/a	n/a
12	n/a	n/a
13	n/a	n/a
14	n/a	n/a
15	n/a	n/a
16	n/a	n/a
17	n/a	n/a
18	n/a	n/a
19	n/a	n/a
20	n/a	n/a
21	n/a	n/a
22	n/a	n/a
23	n/a	n/a
24	n/a	n/a
25	n/a	n/a
26	n/a	n/a
27	n/a	n/a
28	n/a	n/a
29	n/a	n/a
30	n/a	n/a
31	n/a	n/a
32	n/a	n/a
33	n/a	n/a
34	n/a	n/a
35	n/a	n/a
36	n/a	n/a
37	n/a	n/a
38	n/a	n/a
39	n/a	n/a
40	n/a	n/a

Scan or Re-Scan

Is this a re-scan? Select Accordingly

Yes -> a Re-Scan folder will be created  
No -> a regular Scan folder will be created

Yes No

Bur Criteria

- Bur Passed
- MTV -> Pass
- AND
- GC -> Pass
- Bur Quarantined
- MTV -> Pass
- AND
- GC -> Quarantine
- Bur Failed
- MTV -> Fail
- OR
- GC -> Fail
- Bur Not Tested
- Dummy Bur

MTV and GC Criteria

Mean Tip Value (MTV)

40

Grain Coverage (GC)

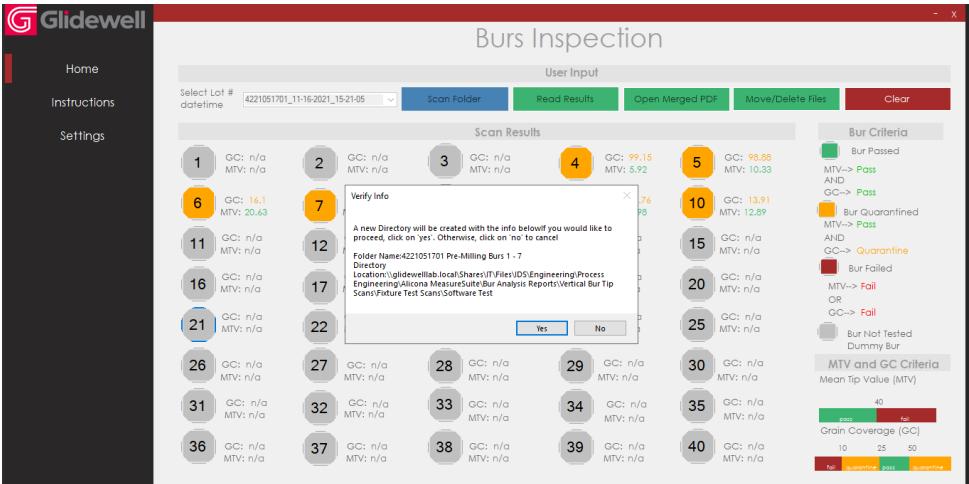
10 25 50

fail quarantine pass quarantine

The system will now scan the root folder for directories with the same lot number. From there, it will find the last bur used on that lot number so it can discover how to name the folder in which the temporary PDF files will be moved to. For instance, if the software detects that there is a folder called “5221051701 Pre-Milling Burs 100 – 120” (matching the lot # selected on the drop down menu), and the scan has 7 burs, it will attempt to create a folder called “5221051701 Pre-Milling Burs 121 – 126”. If there is not existing folders with that lot number, it will start from bur 1.

If it is selected it is a rescan, the software will follow the same process, but look for folders that have the same lot number, with “Re-Scanned” in the name

A new message will appear. The system will show the name and location of the folder it will try to create



If you select “Yes” the software will attempt to

- create the folder with the name shown in the pop up message

4221051701 Pre-Milling Burs 1 - 7	11/18/2021 5:25 AM	File folder
Last Scan Temporary	11/18/2021 5:25 AM	File folder

- copy all the files with the lot # and datetime selected in the drop down menu (PDFs and csv) to the newly created folder





















Lot_4221051701_Scan_11-16-2021_15-21-05	11/16/2021 3:48 PM	Microsoft Excel C...	168 KB
Lot_4221051701_Scan_11-16-2021_15-21-05_Position4	11/16/2021 3:39 PM	Adobe Acrobat D...	7,668 KB
Lot_4221051701_Scan_11-16-2021_15-21-05_Position5	11/16/2021 3:40 PM	Adobe Acrobat D...	7,128 KB
Lot_4221051701_Scan_11-16-2021_15-21-05_Position6	11/16/2021 3:40 PM	Adobe Acrobat D...	4,000 KB
Lot_4221051701_Scan_11-16-2021_15-21-05_Position7	11/16/2021 3:40 PM	Adobe Acrobat D...	3,552 KB
Lot_4221051701_Scan_11-16-2021_15-21-05_Position8	11/16/2021 3:40 PM	Adobe Acrobat D...	3,954 KB
Lot_4221051701_Scan_11-16-2021_15-21-05_Position9	11/16/2021 3:41 PM	Adobe Acrobat D...	3,746 KB
Lot_4221051701_Scan_11-16-2021_15-21-05_Position10	11/16/2021 3:41 PM	Adobe Acrobat D...	3,890 KB



- once copying is completed, delete files from temporary folder

**Note:** this may take a few seconds/minutes depend of file size

- When the system is running this operation, you will not be able to press any buttons
- When the operation is completed, you will be able to press “Clear”

	Lot_4221051701_Scan_11-16-2021_15-21-05	11/16/2021 3:48 PM	Microsoft Excel C...	168 KB
	Lot_4221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:39 PM	Adobe Acrobat D...	7,668 KB
	Lot_4221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:40 PM	Adobe Acrobat D...	7,128 KB
	Lot_4221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:40 PM	Adobe Acrobat D...	4,000 KB
	Lot_4221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:40 PM	Adobe Acrobat D...	3,552 KB
	Lot_4221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:40 PM	Adobe Acrobat D...	3,954 KB
	Lot_4221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:41 PM	Adobe Acrobat D...	3,746 KB
	Lot_4221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:41 PM	Adobe Acrobat D...	3,589 KB
	Lot_5221051701_Scan_11-16-2021_15-21-05	11/16/2021 3:48 PM	Microsoft Excel C...	168 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:41 PM	Adobe Acrobat D...	3,761 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:41 PM	Adobe Acrobat D...	3,678 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:42 PM	Adobe Acrobat D...	3,759 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:42 PM	Adobe Acrobat D...	3,785 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:42 PM	Adobe Acrobat D...	3,859 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:42 PM	Adobe Acrobat D...	3,879 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:43 PM	Adobe Acrobat D...	3,670 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:43 PM	Adobe Acrobat D...	3,796 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:43 PM	Adobe Acrobat D...	3,799 KB
	Lot_5221051701_Scan_11-16-2021_15-21-...	11/16/2021 3:43 PM	Adobe Acrobat D...	3,702 KB
	Merged	11/18/2021 5:18 AM	Adobe Acrobat D...	33,933 KB

Hover over the clear button. If it highlights it, copying and deleted process finished. If it does not highlight, process is still running. Wait until process is completed ("Clear button" highlights when hovering over it).

**Glidewell**

## Burs Inspection

Select Lot # datetime: 4221051701\_11-16-2021\_15-21-05

User Input

Scan Folder Read Results Open Merged PDF Move/Delete Files Clear

Scan Results

Bur #	GC	MTV	Bur #	GC	MTV	Bur #	GC	MTV	Bur #	GC	MTV	Bur #	GC	MTV	Bur #	GC	MTV	Bur #	GC	MTV
1	n/a	n/a	2	n/a	n/a	3	n/a	n/a	4	99.15	5.92	5	98.88	10.33	6	16.1	20.63	7	24.84	17.47
8	15.38	13.31	9	17.76	20.98	10	13.91	12.89	11	n/a	n/a	12	n/a	n/a	13	n/a	n/a	14	n/a	n/a
15	n/a	n/a	16	n/a	n/a	17	n/a	n/a	18	n/a	n/a	19	n/a	n/a	20	n/a	n/a	21	n/a	n/a
22	n/a	n/a	23	n/a	n/a	24	n/a	n/a	25	n/a	n/a	26	n/a	n/a	27	n/a	n/a	28	n/a	n/a
29	n/a	n/a	30	n/a	n/a	31	n/a	n/a	32	n/a	n/a	33	n/a	n/a	34	n/a	n/a	35	n/a	n/a
36	n/a	n/a	37	n/a	n/a	38	n/a	n/a	39	n/a	n/a	40	n/a	n/a						

Bur Criteria

- Bur Passed
- MTV--> Pass
- AND
- GC--> Pass
- Bur Quarantined
- MTV--> Pass
- AND
- GC--> Quarantine
- Bur Failed
- MTV--> Fail
- OR
- GC--> Fail
- Bur Not Tested Dummy Bur

MTV and GC Criteria

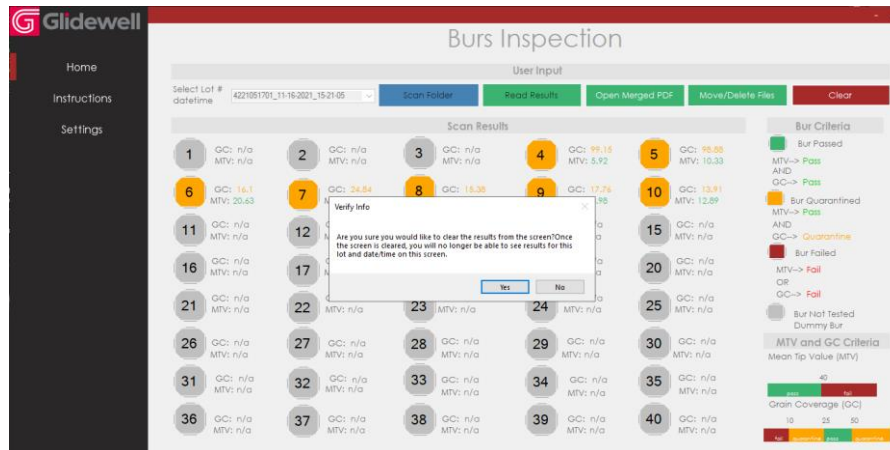
Mean Tip Value (MTV)

Grain Coverage (GC)

Note: once the process is completed, it is strongly recommended to manually check that:

- The new folder was successfully created
- The files were successfully moved to the new folder
- The files were successfully deleted from the temporary folder

Click on Clear. A message will appear asking you to confirm. Select “Yes”



The screen results should now be cleared. Note that if you scan the folder again, by pressing the “Scan Folder” , the lot # and datetime that you just moved will no longer appear in the drop down menu.

Now the system is ready to follow the same process to read results, open merged PDF, and move/delete files.

