

Asbestos Fibre Counting Performance Management System

To use the cloud based application in any browser or any device, type the following domain name in the address bar:

www.gullyhoward.mobi



A login page opens, requesting user credentials such as Username and Password.

The screenshot shows a login form with the following elements:

- Sign in to continue** button at the top left.
- GULLY HOWARD TECHNICAL** logo with a stylized 'GH' icon.
- Username** field with placeholder text "Please enter Username".
- Password** field with placeholder text "Please enter Password".
- Remember Me** checkbox.
- Login** button at the bottom.
- Don't have an account? Sign Up Here** link at the bottom left.

Depending on the credentials provided a user can login either as an Analyst or as a Quality Manager.

In most cases, the Quality Manager will have created Analysts' accounts and thence provide login credentials to each of the Analysts.

In any case Analysts are able to click on the Sign Up Here link to create their account, which will be validated by the Quality Manager as required.

Instructions of how a Quality Manager can create an Analyst accounts is described further in Section Quality Manager User Manual.

Analyst User Manual

As an Analyst you'll have been provided with your own unique Username and Password. Entering these credentials will allow you to use the application.



Fibre Counts

The Quality Manager has already issued slides for you in this particular month and clicking on the Fiber Counts button, a new page opens showing the 4 reference slides to be counted.



Depending on the previous counts of reference slides, each reference slide would be required to do a RECOUNT, ADDITIONAL COUNT or do nothing that is NONE.

Suppose Slide 26 is clicked a new page opens requesting to validate the equipment used as well as to input Graticule diameter (μm) and NPL (number of lines).

By default, the most commonly used microscope, stage micrometre, NPL test slide and tally counter, location and address is set. If the defaults are accepted, by clicking the calibration checkbox the Verify button is activated to input counts as well as verifying the equipment used to make the count.

Should any equipment change, you can click on the dropdown menus to change the equipment used. If an equipment is not included, then clicking on the Ask new equipment button, a new equipment can be requested to be included in the list of equipment, which must be validated by the Quality Manager.

Ask new equipment

Microscope Asset #

Apx512

Date of expiry : 8/4/2016

166

Stage Micrometer Asset #

A1112

Date of expiry :

Graticule (μm)

99

NPL Test Slide Asset #

1059 NPL KIT(1)

Date of expiry :

Number of lines

5

Tally Counter Asset #

6

Calibration done

Location

Mobile

Select the address

Van Transporter KM59 JZG

Verify

On clicking the Verify button a new page opens requesting to input Fields and Fibres.

Performances ▾ My Account ▾

Slide 26

Fields

Fibres

Submit

On clicking the submit button and depending on the values inputted the page returns to the reference slides issued with the result of whether this reference slide is required to do a RECOUNT, ADDITIONAL COUNT or NONE.

In the particular example the results show that no further count is required, so slide 26 is deactivated underpinned by NONE.



This process is repeated for all slides until the results return NONE or ADDITIONAL COUNTS.

Performance

To see your counting performance, click on the Performances pull down menu, at the top of the page

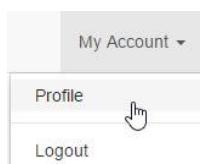


And the results are depicted graphically



Profile

In order to change account details, click the pulldown menu My Account on the top right of the page.



The new page that opens allows you to change your account details.

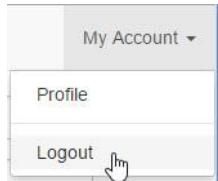
This screenshot shows the 'My Account' edit page for a user profile. The top navigation bar includes the GULLY HOWARD TECHNICAL logo, a 'Performances' dropdown, and a 'My Account' dropdown. The main form contains the following fields:

	J	
	Stackpoole	
	23/07/2015	Male
	test DB	
	Portsmouth	
	PO1 PD	
	Kyriacos.Antoniades@ghtechnical.com	

Below the form, there are two status checkboxes: Trainee and Administrator. At the bottom are two buttons: a yellow 'Edit' button and a blue 'Back to home' button.

Log out

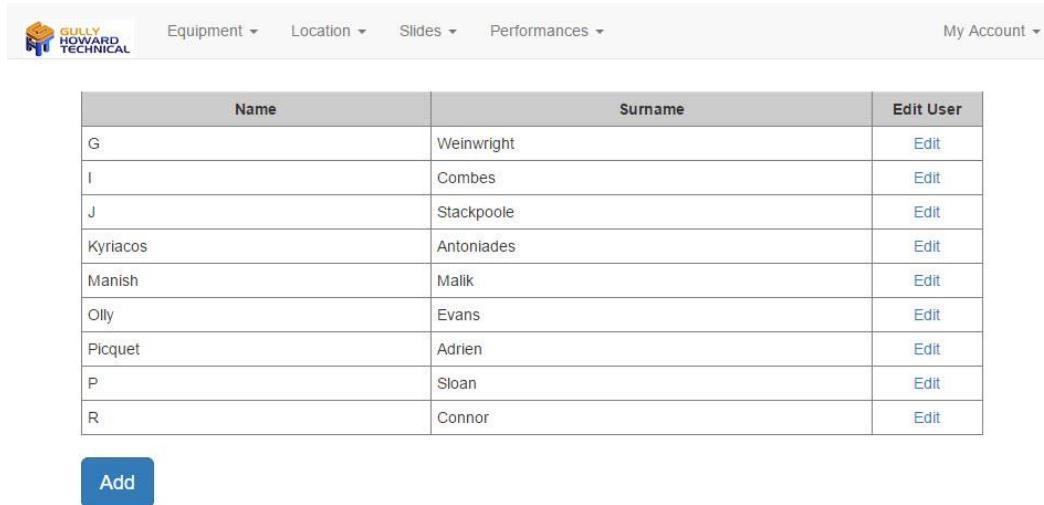
In order to Log out, click on My Account



And the web page returns back to the Login page.

Quality Manager User Manual

By providing the suitable login credentials in the Login page, the Quality Manager has administrator access to the application.



The screenshot shows a user interface for managing analysts. At the top, there is a navigation bar with the GULLY HOWARD TECHNICAL logo and dropdown menus for Equipment, Location, Slides, Performances, and My Account. Below the navigation bar is a table listing analysts. The columns are Name, Surname, and Edit User. The data in the table is as follows:

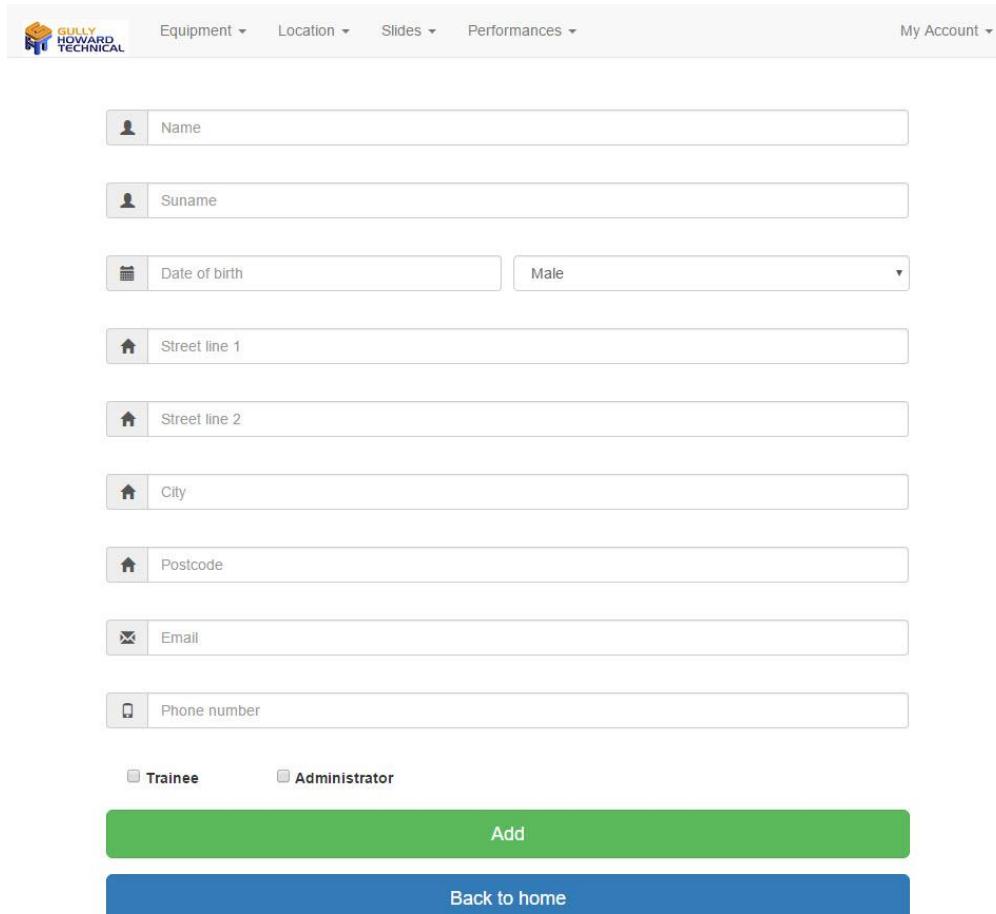
Name	Surname	Edit User
G	Weinwright	Edit
I	Combes	Edit
J	Stackpoole	Edit
Kyriacos	Antoniades	Edit
Manish	Malik	Edit
Olly	Evans	Edit
Picquet	Adrien	Edit
P	Sloan	Edit
R	Connor	Edit

At the bottom left of the table area is a blue button labeled "Add".

The initial landing page shows all the registered Analysts that have been already been created, including the Quality Manager (i.e. Olly Evans).

Add Analyst

To add another Analyst or Quality Manager, click on the Add button.



The screenshot shows a form for adding a new analyst. At the top, there is a navigation bar with the GULLY HOWARD TECHNICAL logo and dropdown menus for Equipment, Location, Slides, Performances, and My Account. The form consists of several input fields with icons: Name (person icon), Surname (person icon), Date of birth (calendar icon), Gender (Male dropdown), Street line 1 (house icon), Street line 2 (house icon), City (house icon), Postcode (house icon), Email (envelope icon), and Phone number (phone icon). Below the form are two checkboxes: "Trainee" and "Administrator". At the bottom are two buttons: a green "Add" button and a blue "Back to home" button.

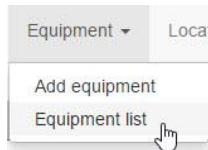
Input the details of the account holder in the form fields provided. If either Trainee or Administrator checkboxes are not ticked, then by clicking on the Add button then a new Analyst is added in the database and the username and password is sent to the email provided.

If the Trainee checkbox is ticked then the new registered user is an Analyst whom can still perform fibre counting measurements but is distinctly classified as a Trainee. By clicking on the Add button then a new Trainee Analyst is added in the database and the username and password is sent to the email provided.

On the other hand, if the Administrator checkbox is ticked, then the new user is a Quality Manager with administrator right and has access to all the Analysts, Equipment, Locations and Slides. By clicking on the Add button then a new Quality Manager is added in the database and the username and password is sent to the email provided.

Equipment

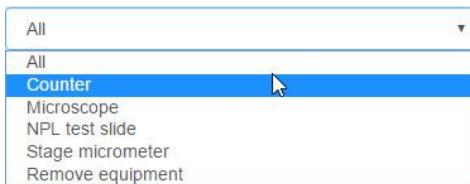
To see all the equipment list, click on the Equipment pulldown menu and select Equipment list



The page that opens shows a list of all the equipment that have been registered into the application.

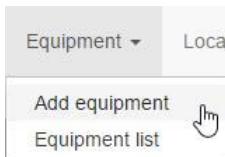
A screenshot of a web application showing a list of equipment. The interface includes a header with the logo 'GULLY HOWARD TECHNICAL', navigation links for 'Equipment', 'Location', 'Slides', 'Performances', and 'My Account', and a dropdown menu set to 'All'. Below the header are four tables, each with columns for ID, Last Calibration Date, Last Calibration Login, Remove, and Calibrate. The first table (ID Counter) contains entries for Count01, Count02, and Count03. The second (ID Microscope) for Apx512, APX513, APX622, and APXTest. The third (ID NPL Test Slide) for 1059 NPL KIT(1), 1064 NPL KIT(2), 1108 NPL KIT(3), NPL4, NPL5, NPL6, and test3. The fourth (ID Stage Micrometer) for A1060, A1065, and A1112. Each row in the tables has a 'Remove' and 'Calibrate' link.

To see the different categories of equipment, click on the All dropdown menu,



And the list filters to the specific equipment selected.

To add a new equipment list, click on the Equipment pulldown menu and select Add equipment.



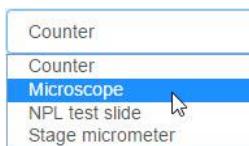
The new page that opens shows a form that allows to add a new equipment.

The screenshot shows a form titled 'Choose the type of the new equipment'. It includes the following fields:

- Equipment ID: A text input field containing 'Equipment ID'.
- Date of the last calibration: A date input field with a calendar icon and the placeholder 'Date of the last calibration'.
- Send a notification: A checkbox labeled 'Send a notification'.

At the bottom is a large green button labeled 'Validate'.

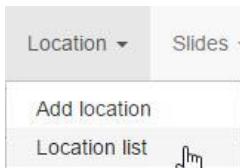
To choose the type of new equipment, other than a counter, click on the Counter pulldown menu and select alternative equipment.



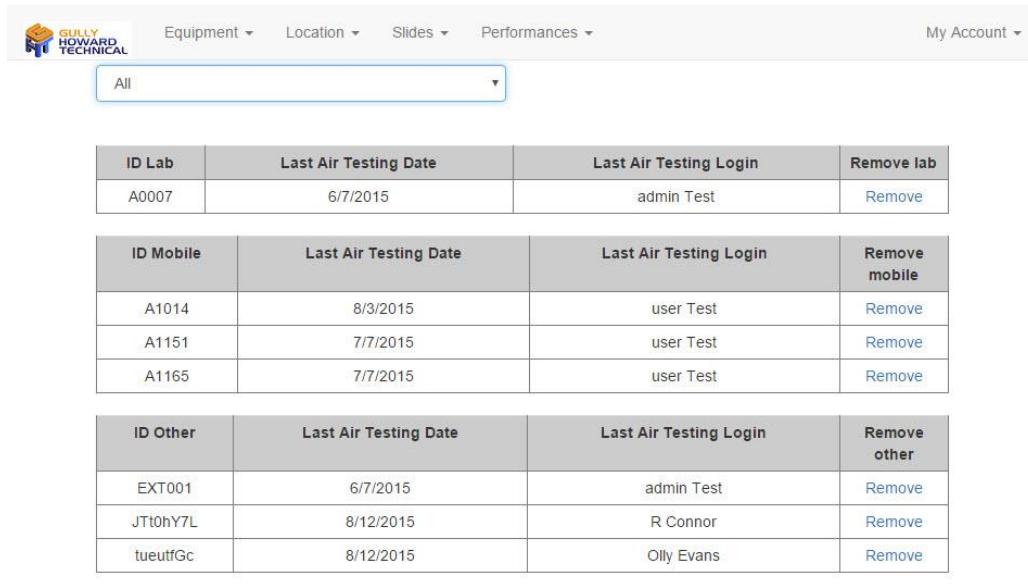
Thereafter, enter the ID of the new equipment, the date of last calibration and tick the Send a notification checkbox if the Quality Manager requires an email verification. On clicking on the Validate button the new equipment is saved into the database.

Location

Similarly to equipment list, to see all the location list, click on the Equipment pulldown menu and select Equipment list.



The page that opens shows a list of all the locations that have been registered into the application.



The screenshot shows a web-based application interface. At the top, there is a navigation bar with links for 'Equipment', 'Location', 'Slides', 'Performances', and 'My Account'. Below the navigation bar is a dropdown menu labeled 'All' with options: 'All', 'Lab', 'Mobile', 'Other', and 'Remove location'. The main content area displays three tables representing different location types: 'ID Lab', 'ID Mobile', and 'ID Other'. Each table has columns for 'Last Air Testing Date', 'Last Air Testing Login', and 'Remove lab' (for Lab), 'Remove mobile' (for Mobile), or 'Remove other' (for Other). The data for each table is as follows:

ID Lab	Last Air Testing Date	Last Air Testing Login	Remove lab
A0007	6/7/2015	admin Test	Remove

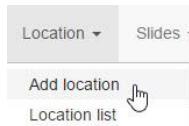
ID Mobile	Last Air Testing Date	Last Air Testing Login	Remove mobile
A1014	8/3/2015	user Test	Remove
A1151	7/7/2015	user Test	Remove
A1165	7/7/2015	user Test	Remove

ID Other	Last Air Testing Date	Last Air Testing Login	Remove other
EXT001	6/7/2015	admin Test	Remove
JTt0hY7L	8/12/2015	R Connor	Remove
tueutfGc	8/12/2015	Olly Evans	Remove

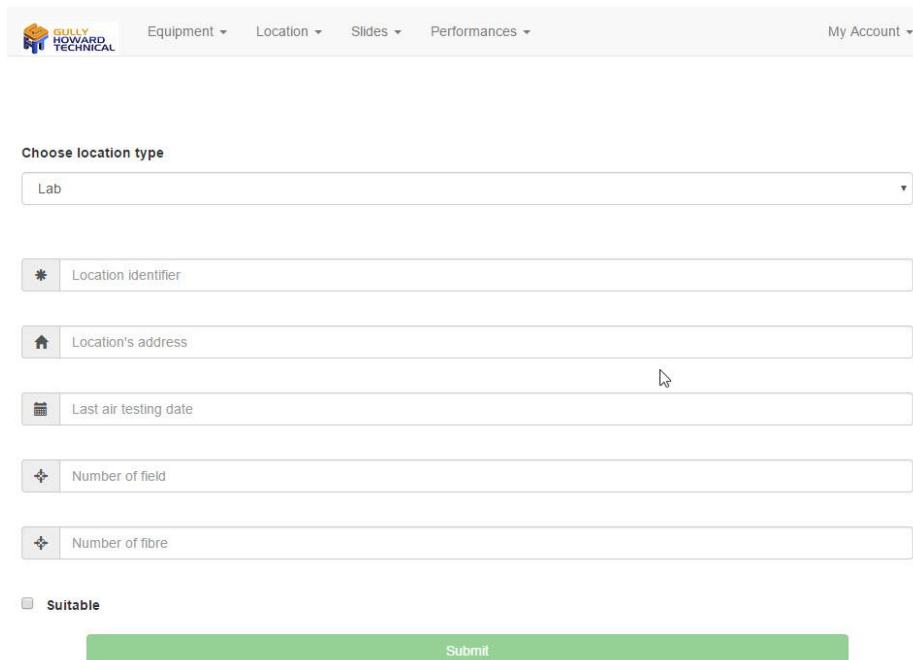
To choose the type of new location, click on the All pulldown menu and select alternative locations.



And the list filters to the specific location selected. To add a new location list, click on the Location pulldown menu and select Add location.



The new page that opens shows a form that allows to add a new location.



The screenshot shows a form titled 'Choose location type' with a dropdown menu set to 'Lab'. The form includes several input fields: 'Location identifier' (with a required asterisk), 'Location's address', 'Last air testing date' (with a calendar icon), 'Number of field', 'Number of fibre', and a checkbox for 'Suitable'. A large green 'Submit' button is at the bottom.

Choose location type

Lab

* Location identifier

Location's address

Last air testing date

Number of field

Number of fibre

Suitable

Submit

To choose the type of new location, other than a lab, click on the lab pulldown menu and select alternative location.



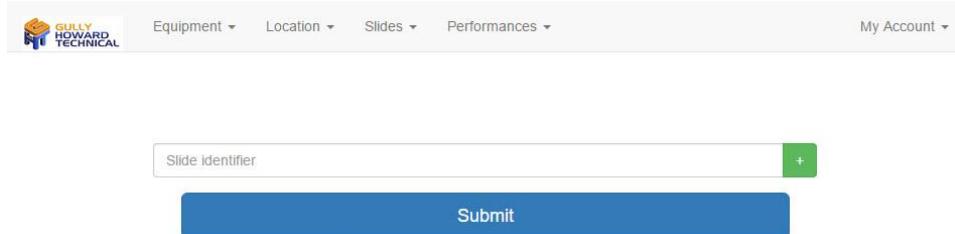
Thereafter, enter the Location identifier, Location address, Last ait testing date, Number of filed, number of fibre. Ticking Suitable checkbox activates the Submit button allowing the location to be saved in the database.

Slides

To add a new Slide, click on Slides and select Add Slide.



The page opens where a numerical value can be added in the Slide identifier textbox. If more than one slide is required by pressing the + button next to the textbox more Slide identifiers are created to input more slides.



To issue slides to Analysts, click on Slides and then select Attribute Slide.



The page opens and all Analysts are shown per month and the numerical value of the slides created previously can now be arranged. By clicking on the Previous Month or Next Month. You'll be able to issue slides for any month and for any year

Equipment ▾ Location ▾ Slides ▾ Performances ▾ My Account ▾

February 2016
February

Previous Month Next Month

G Weinright	11	12	13	14
I Combes	32	31	30	29
J Stackpole	28	27	28	29
Kiracos Antoniades				
Marilé Malik				
Oly Evans	18	17	16	15
Piquet Adrien				
P Sloan	6	5	4	3
R Connor	10	9	8	7

Submit

Back to login

To see the results of Internal Reference Slides, based on the Analyst counts, click on Slides and then select IRS.



A list of all reference slides are shown with respect to the Analyst, date count was made the density calculated.

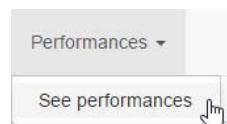
Equipment ▾ Location ▾ Slides ▾ Performances ▾ My Account ▾

All

Slide	Analyst	Date	Density	Details
5	Oly Evans	8/1/2015	9.74298717046251	See
5	Oly Evans	7/1/2015	56.50932588686261	See
5	Oly Evans	4/12/2015	24.0327016671408	See
5	Oly Evans	5/12/2014	4.5467734021584	See
5	Oly Evans	5/6/2014	19.4659743454925	See
5	Oly Evans	2/6/2014	14.83983405947082	See
5	Oly Evans	11/15/2014	29.22860181513075	See
5	Oly Evans	3/6/2015	132.55786593645	See
5	Oly Evans	5/4/2015	16.23831195077709	See
5	Oly Evans	5/6/2015	27.28030407795	See
8	Oly Evans	6/3/2015	7.73430875037001	See
1	Oly Evans	8/1/2015	9.74298717046251	See
1	Oly Evans	7/1/2015	56.50932588686261	See
1	Oly Evans	4/12/2015	24.0327016671408	See
1	Oly Evans	5/12/2014	4.5467734021584	See
1	Oly Evans	5/6/2014	19.4659743454925	See

Performances

To see the performance of each Analyst, click on Performances and select See performances.

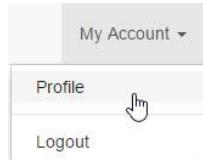


By selecting the pulldown menu, you'll be able to see the performances of each Analyst.



Profile

In order to change account details, click the pulldown menu My Account on the top right of the page.



The new page that opens allows you to change your account details.

Log out

In order to Log out, click on My Account

