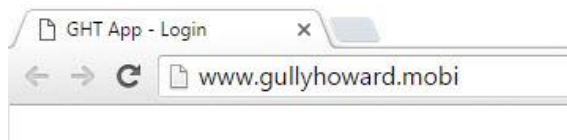


Asbestos Fibre Counting Performance Management System

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.

A screenshot of the login page for Gully Howard Technical. The page has a light gray header with the text 'Sign in to continue'. Below the header is the Gully Howard Technical logo, which consists of a stylized 'H' made of blue and orange blocks, followed by the text 'GULLY HOWARD TECHNICAL' in blue. There are two input fields: 'Username' with a person icon and 'Password' with a lock icon. Both fields have red text below them saying 'Please enter Username' and 'Please enter Password' respectively. Below the password field is a checkbox labeled 'Remember Me'. At the bottom is a large blue button labeled 'Login'. At the very bottom, there is a link that says 'Don't have an account! Sign Up Here'.

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.


Performances ▾
My Account ▾

Ask new equipment

Microscope Asset #

Apv512 ▾

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

Taly 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.


Performances ▾
My Account ▾

Slide 28

RECOUNT

Slide 27

NONE

Slide 26

NONE

Slide 25

RECOUNT

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

Performances ▾

[See my performances](#)

And the results are depicted graphically



Profile

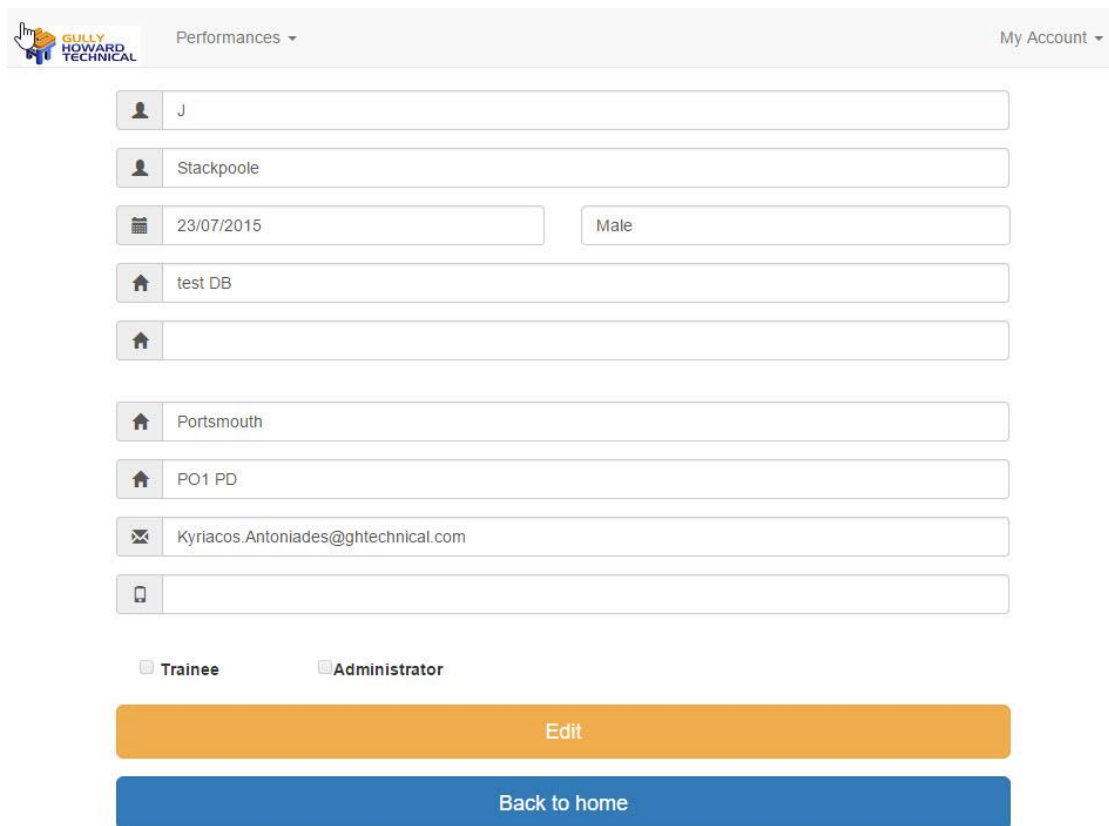
In order to change account details, click the pulldown menu My Account on the top right of the page.

My Account ▾

[Profile](#)

[Logout](#)

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



GULLY HOWARD TECHNICAL

Performances ▼

My Account ▼

J

Stackpoole

23/07/2015 Male

test DB

Portsmouth

PO1 PD

Kyriacos.Antoniades@ghtechnical.com

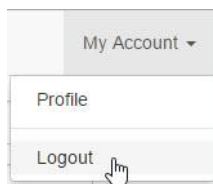
☐ Trainee ☐ Administrator

Edit

Back to home

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.



Equipment ▾ Location ▾ Slides ▾ Performances ▾

My Account ▾


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

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.




Equipment ▾ Location ▾ Slides ▾ Performances ▾


My Account ▾


Name


Surname


Date of birth


Male ▾


Street line 1

Street line 2

City

Postcode

Email

Phone number

☐ Trainee ☐ Administrator

Add

Back to home

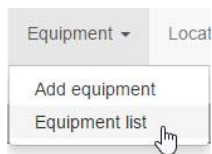
Input the details of the account holder in the form fields provided. If either Trainee or Administrator checkboxes are not ticked, then by clicking on the Add button then a new Analyst is added in the database and the username and password is sent to the email provided.

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.

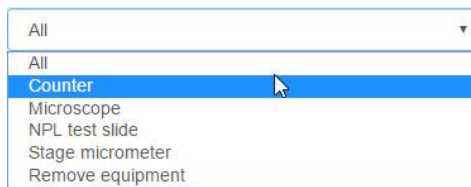
Equipment				
ID Counter	Last Calibration Date	Last Calibration Login	Remove counter	Calibrate equipment
6	1/2/2016	Olly Evans	Remove	Calibrate
Count01	11/2/2015	R Connor	Remove	Calibrate
Count02	9/29/2015	J Stackpoole	Remove	Calibrate
Count03	7/28/2015	Olly Evans	Remove	Calibrate

ID Microscope	Last Calibration Date	Last Calibration Login	Remove microscope	Calibrate equipment
Apx512	8/4/2015	Picquet Adrien	Remove	Calibrate
APX513	7/18/2015	admin Test	Remove	Calibrate
APX622	7/19/2015	admin Test	Remove	Calibrate
APXTest	7/17/2014	admin Test	Remove	Calibrate

ID NPL Test Slide	Last Calibration Date	Last Calibration Login	Remove NPL test slide	Calibrate equipment
1059 NPL KIT(1)	8/4/2015	Picquet Adrien	Remove	Calibrate
1064 NPL KIT(2)	11/22/2013	admin Test	Remove	Calibrate
1108 NPL KIT(3)	9/17/2013	admin Test	Remove	Calibrate
NPL4	8/11/2015	Picquet Adrien	Remove	Calibrate
NPL5	8/11/2015	Picquet Adrien	Remove	Calibrate
NPL6	8/11/2015	Picquet Adrien	Remove	Calibrate
test3	12/8/2015	Picquet Adrien	Remove	Calibrate

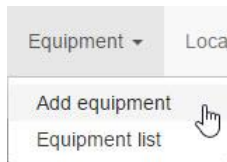
ID Stage Micrometer	Last Calibration Date	Last Calibration Login	Remove stage micrometer	Calibrate equipment
A1060	8/4/2016	Picquet Adrien	Remove	Calibrate
A1065	11/22/2013	admin Test	Remove	Calibrate
A1112	12/23/2014	admin Test	Remove	Calibrate

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.

Choose the type of the new equipment

Counter

Enter the ID of the new equipment

Equipment ID

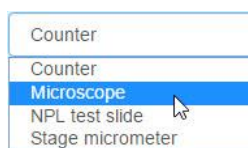
Enter the date of the last calibration

Date of the last calibration

☐ Send a notification

Validate

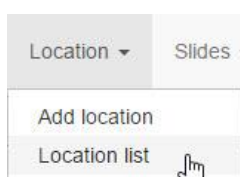
To choose the type of new equipment, other than a counter, click on the Counter pulldown menu and select alternative equipment.




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.



Equipment ▾
Location ▾
Slides ▾
Performances ▾

My Account ▾

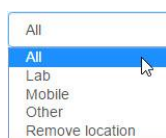
All ▾

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

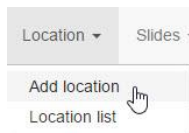
ID Mobile	Last Air Testing Date	Last Air Testing Login	Remove mobile
A1014	8/3/2015	user Test	Remove
A1151	7/7/2015	user Test	Remove
A1165	7/7/2015	user Test	Remove

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.

	Equipment ▾	Location ▾	Slides ▾	Performances ▾	My Account ▾
Choose location type					
<div>Lab ▾</div>					
<div><div>*</div>Location identifier</div>					
<div><div>🏠</div>Location's address</div>					
<div><div>📅</div>Last air testing date</div>					
<div><div>⛶</div>Number of field</div>					
<div><div>⛶</div>Number of fibre</div>					
<div><input type="checkbox"/> Suitable</div>					
<div>Submit</div>					

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



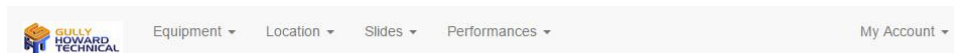
Thereafter, enter the Location identifier, Location address, Last ait testing date, Number of filed, number of fibre. Ticking Suitable checkbox activates the Submit button allowing the location to be saved in the database.

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.

A screenshot of the 'Slide identifier' input field on the 'Add Slide' page. The field is a text box with a green '+' button on the right side. Below the input field is a blue 'Submit' button.

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

February 2015
February

Previous Month Next Month

G. Velezright 11 12 13 14

I. Combes 32 31 30 29

J. Stockpoole 26 27 28 29

Kiriacos Antonisides

Marish Malik

Olly Evans 18 17 16 15

Pierrot 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.



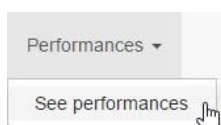
A list of all reference slides are shown with respect to the Analyst, date count was made the density calculated.

All

Slide	Analyst	Date	Density	Details
5	Olly Evans	8/1/2015	5.74298717040251	See
5	Olly Evans	7/1/2015	56.5983255886826	See
5	Olly Evans	4/13/2015	24.0327016871405	See
5	Olly Evans	5/13/2014	4.54872734621584	See
5	Olly Evans	5/5/2014	19.485974343825	See
5	Olly Evans	2/5/2014	14.9397465947982	See
5	Olly Evans	11/15/2014	29.2289618113875	See
5	Olly Evans	3/6/2015	132.85768938845	See
5	Olly Evans	5/4/2015	10.2383119507705	See
5	Olly Evans	9/5/2015	27.280354877295	See
8	Olly Evans	8/3/2015	7.75435573637901	See
1	Olly Evans	8/1/2015	5.74298717040251	See
1	Olly Evans	7/1/2015	56.5983255886826	See
1	Olly Evans	4/13/2015	24.0327016871405	See
1	Olly Evans	5/13/2014	4.54872734621584	See
1	Olly Evans	5/5/2014	19.485974343825	See

Performances

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

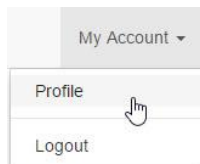


By selecting the pulldown menu, you'll be able to see the performances of each Analyst.



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

