

Fire Safety Reporting User Manual

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Introduction

The level of detail needed when entering data into pharOS means that the information available is very comprehensive. Reports can be as simple or complex as necessary. This manual gives the user the tools to interrogate the database and save commonly-used Queries.

Types of Report:

There are 3 levels of reporting within pharOS.

Reporting Windows

There are standard windows which provide reports to be run with little or no user intervention. At the most basic level a reporting window would load, for example, all personnel who are due for a medical.

Most windows however will allow for search criteria to be entered in order to restrict the results. These generally include a date range, and may include options to restrict location, rank, post type (ie Whole Time, Retained, APTC) or service number/person's name. This type of report is always specific to the individual modules and will be covered in detail in the corresponding manuals.

QueryBuster

This is the next level in complexity, which also means greater flexibility. Query Busters are standard reports that are published by SOPHTLOGIC. The fields and search criteria can be defined by the user.

User Defined Reporting

This offers the greatest flexibility, but requires a higher level of competency. Reports have to be generated by choosing the tables, fields and search criteria.

User Defined Reporting

Query Manager is designed for specific 'commonly used' Queries that are set up by Sophtlogic. User Defined Reporting offers the greatest flexibility, but requires a higher level of competency. Reports have to be generated by choosing the 'Tables', 'Fields' and 'Search Criteria'.

The 'Fire Safety', 'Personnel' and 'Training Queries' windows have been designed for use by advanced users e.g. those with some knowledge of structured query language (SQL). The design assumes some knowledge of database table structures and query formulation.

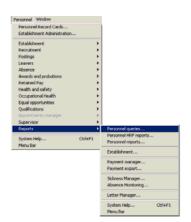
Within 'Pharos' there are three ways to use 'User Definable' Queries — 'Fire Safety' / 'Personnel' and 'Training'. The concept of the queries are exactly the same, so instead of repeating this process three times I have shown you how to access each one but gone into detail using the 'Fire Safety Reporting' queries.

Personnel Queries

- Click onto the 'Personnel'
- Scroll down to 'Reports'
- Click onto 'Personnel Queries'



The 'Personnel Queries' window will appear



Training Queries

- Click onto the 'Training'
- Click onto 'Training Queries'



The 'Training Queries' window will appear



As you can see the windows are exactly the same only the tables were information is kept, will be different.

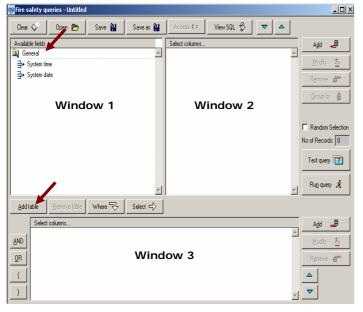
Fire Safety Reporting (Queries)

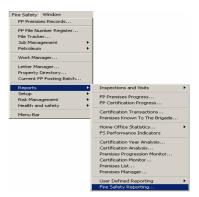
This option allows the user to build user defined reports. This is a very powerful tool, but requires an understanding of how the database is made up.

- Click onto Fire Safety/Prevention
- Scroll down to Reports
- Click onto Fire Safety Reporting

The Fire Safety Reporting window will open

As you can see you have three windows



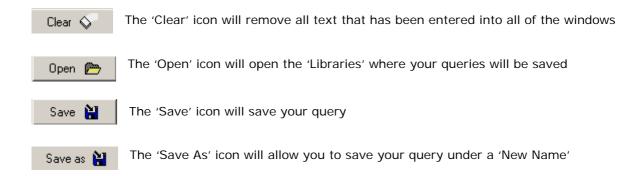


Available Fields - Window 1 - gives you all the available tables and sub-tables within the Fire Safety, Personnel and Training.

Selected Columns – Window 2 – By using the Select button you can create the columns that you want the information to appear in on the Report.

Selected Columns – Window 3 – this is were you define the query by using the 'Where', 'AND' and 'OR' options.

Before we go any further, let's see what the icons do in the toolbar





When you are creating a query its good to write down what it is you want the system to search for and return to you

Creating a Library

The Fire Safety Reporting (FRS) system allows the user to section the information held within the system and 'Save' the query in a Library, access to which is completely user-definable.

Users with access to books within these Libraries may then construct and 'Save Queries' and transport the data from those queries into other applications (such as Microsoft Excel) where it may be formatted in any way that the host applications allow.

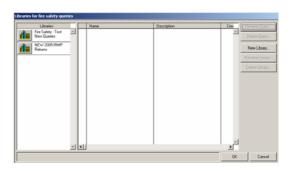
The 'Fire Safety Reporting' makes full use of graphical user interface facilities and data is made available using common English terms rather than cryptic computer terminology. There is no need for users of the system to learn query languages.

Within Fire Safety Queries,

• Click onto the 'Open' icon



As you can see there is already a list of 'Libraries'



Add a Library

• Click onto the 'New Library' button

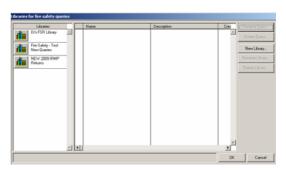


The 'Library Setup' box will appear

- Enter the 'Name' of your library
- Click onto the 'OK' button



As you can see, 'Di's FSR Library' in now been inserted into the Libraries list.



Create a Query

What is the Question you want to ask the system???

First you need to work out what data you want the Query to return as the two examples shown below

I want to create a Query that shows -

Q1: Premises that have had an Audit but have NO Inspection Calendar Entry

For this Query to work we will need all of what is displayed below

Availability Tables:	Selected Columns:	Defined Selected Columns:
Durania	Ella Niverala au	Value Datuma Cada a sual ta AUDIT
Premises	File Number	Value Return Code equal to AUDIT
Inspection	Name	And
Inspection Type	Address	Value of Finish Date is Greater than and equal
Integrated Risk Code	Finish Date	to 1/4/09
Inspection Calendar (+)	FSEC Group	And
	Supplementary Line Number	Value of Date of Inspection Is Empty
	Date of Inspection	

Let's go through this Query Step by Step

First we need to enter our tables into the 'Available Fields' window

AVAILABILITY TABLES: window one

In the 'Fire Safety Queries' window you will see the option of 'General' in the left hand Available Fields window (1) with two sub options of



System Time – is the time the query was created System Date - is the date the query was created

These are defaults

To bring up more fields – this is so we can define the query

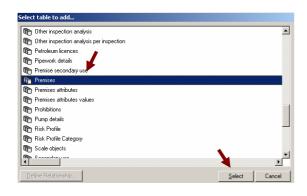
- Highlight the option of 'General' folder
- Click on 'Add Table' button at bottom of window 1



This will open up the 'Available Fields' option window, which is a list of 'All Tables' of 'Search Criteria' available.



Under the 'General' folder you will be given the list of all the Tables available within 'Fire Safety Reporting'. All the other folders will only have sub-tables that are linked to that particular field.



- Select a 'Table' that you wish 'Search' on by highlighting i.e. 'Inspections'
- Click onto the 'Select' button

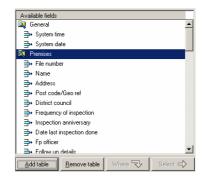


As you can see 'Premises table and all the sub-fields within that table has appeared in the 'Available Fields' window (1).

'Add' more 'Tables'

Adding Additional Tables to the Query

Here is where you will link the tables together



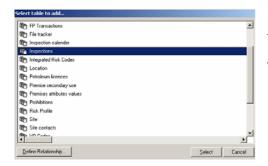


Once a table has been selected you can not use the 'General' folder again. The reason for this is you now need to link the tables to each other for your query to work.

- Click onto the 'Premises' folder
- Click on 'Add Table' button at bottom of window 1
- Select 'Inspection Type'







The 'Tables' that are 'Linked' to the 'Premises' table will appear, as shown

Click onto the Select button

Inspections will attach itself to the bottom of the Premises table list



Repeat the above instruction but this time...

- Click onto the Inspections folder
- Click onto Add Table
- Select Inspection Type

Inspection Type will attach itself to the bottom of the Inspections table list

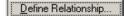


- Click onto the Premises folder
- Click onto Add Table
- Select Integrated Risk Code

Integrated Risk Code will attach itself to the bottom of the Premises table list



- Click onto the Premises folder
- Click onto Add Table
- Click onto Define Relationship button





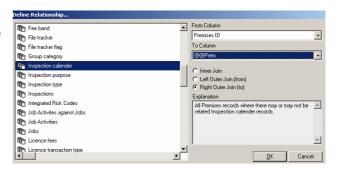
Define Relationship Button

'Define Relationship' does two functions... It allows you to link stand alone tables/data to other tables (attributes) within the system and/or use the 'Inner Join' / 'Out Join' options.

The 'Define Relationship' window will appear

On the left of the window there is a list of all the tables that are in the 'Fire Safety Reporting' window.

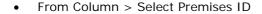
- Scroll down to the table
- Select Inspection Calendar



Let me explain the window in a little more detail, the first part...

From Column

The 'From Column' is a list of all the tables that are linked to the 'Premises' folder in 'Available Fields' window (window1) you want to link a table to.





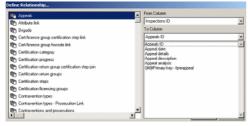
To Column

The 'To Column' is a list that will change depending what folder you choose on the left of the Define Relationship box. This is where you link the table to the table in the 'From' option.



To Column > Select Prem@@

As you can see in the two examples below, the 'To Column' is different depending on what is selected from the list on the left of the window.



Linking the 'Inspection ID' to 'Appeals ID' in the 'Premises' option.



Linking the 'Inspection ID' to the 'Primary Key' in the 'Audit and Data Gathering (England 2009) (Inspection)' attribute option.

This is where you join the stand alone tables e.g. 'Audit Form' 'Health and Safety', 'Recruitment', 'Attributes' or 'Equal Opportunity' etc to a defined field.



'Fire Safety' tables are not stand alone tables they are linked within the system so this part of 'Define Relationship' may not apply to the query.

INNER JOIN and OUTER JOIN

The second part of 'Define Relationship'; 'Inner Join' and 'Outer Join', does apply to 'Fire Safety'. at the right hand side of this window there are 3 option buttons. These are called 'Join' buttons. Each option will have an 'Explanation' box with a brief description of what the 'Inner Join' options do

INNER JOIN

The 'INNER JOIN' only acts on rows were 'All Inspection' / 'Premises' / 'Job Activities' etc... records where there are related 'Premises Records'.

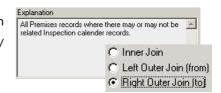


OUTER JOIN

The 'LEFT OUTER JOIN (FROM)' only acts on rows were 'All Inspection' / 'Premises' / 'Job Activities' etc... records where there may or may not be related 'Inspection Records.'



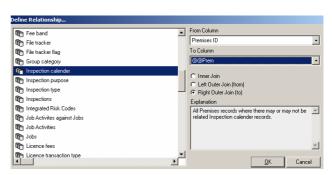
The 'RIGHT OUTER JOIN (TO)' only acts on rows were 'All Inspection Records' where there may or may not be related to any 'Inspection' / 'Premises' / 'Job Activities' etc....'



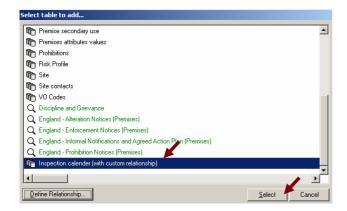
Click onto Right Outer Join (to) option

Once you have finished setting up the 'Defined Relationship'

Click onto the 'OK' button



As you can see the 'Defined Relationship' Inspection Calendar has appeared at the bottom of the list



- Click onto the 'Table'
- Click onto the 'Select' button



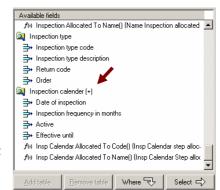
The window will automatically defaults to the top of the Available Fields list.

Scroll down the left hand column

Inspections Calendar {+} will attach itself to the bottom of the Inspection Type table list

One difference...

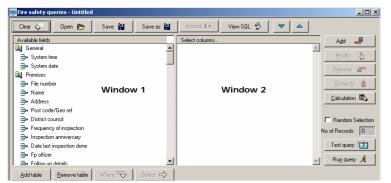
There is a plus (+) sign next to the Premises folder. This means that this table is linked to the Available field.



Even though 'Integrated Risk Code' table is linked to the 'Premises' table it may not be linked within the system setup. Knowing what tables are linked to and what suboptions are associated to what table go to 'Fire Safety Reporting Tables and Links Manual' to see the full listings of all 'Tables' and 'Attribute Groups' that are in the 'Fire Safety Reporting Queries'.

It is also important to have a very good knowledge of the system setup and know where the data can be pulled from when creating these queries from 'Fire Safety Reporting'

SELECTED COLUMNS: window two



To create the 'Report' you first have to select the information that you wish to return in report columns from the left window (1) into the right window (2).

This is done by – for this example query

Within the 'Premises' folder

Double click onto the 'File Number' sub options

Or

- Click onto and highlight the 'File Number' sub options
- Click onto the 'Select' button



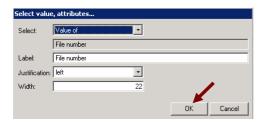


Value of

Label

Value of
Maximum value of
Average value of
Minimum value of
Sum of
Count of
Distinct count of

The 'Select Value, Attributes' window will appear



Select drop down arrow gives you options to

'Value Of', 'Minimum', 'Average', 'Maximum Value Of', 'Sum Of', 'Count Of' etc... Select value, attributes.

- The 'Label' box allows you to change the heading name for that column
- 'Justification' drop down arrow will allow you to align the data
- 'Width' allow you to change the character length which determines the width of column in report.
- Click onto the 'OK' button



As you can see the 'File Number' has appeared in the 'Select Column' window (2) on the right.

Within the Premises folder

- Click onto Name > Value of
- Click onto the Select button



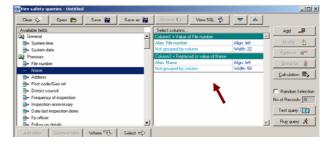
This will open up the 'Select Value Attributes' window



Select value, attributes -Justification: left Cancel

Click onto the 'OK' button

As you can see the 'Name' has appeared as column 2 under the 'File Number' column



By following the steps explained above...

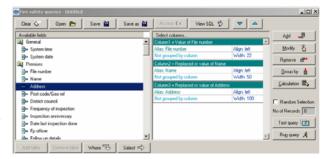
Premises folder

- Click onto Address > Value of
- Click onto the Select button



This will open up the 'Select Value Attributes' window

Click onto the 'OK' button



As you can see 'Address' has appeared as column 3 under the 'Name' column

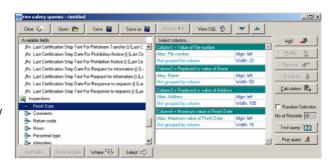
Inspections folder

- Click onto Finish Date > Maximum Value of
- Click onto the Select button



This will open up the 'Select Value Attributes' window

Click onto the 'OK' button



As you can see 'Finish Date' has appeared as column 4 under the 'Address' column

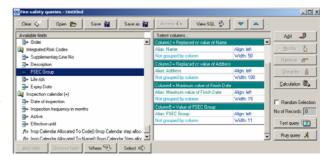
Integrated Risk Codes folder

- Click onto FSEC > Value of
- Click onto the Select button



This will open up the 'Select Value Attributes' window

Click onto the 'OK' button



As you can see 'FSEC' has appeared as column 5 under the 'Finish Date' column

Integrated Risk Codes folder

- Click onto Supplementary Line Number > Value of
- Click onto the Select button



This will open up the 'Select Value Attributes' window

Click onto the 'OK' button



As you can see 'Supplementary Line Number' has appeared as column 6 under the 'FSEC' column

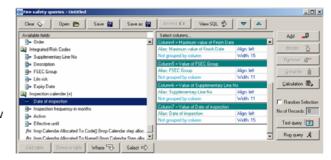
Inspection Calendar {+} folder

- Click onto Date of Inspection > Value of
- Click onto the Select button



This will open up the 'Select Value Attributes' window

Click onto the 'OK' button

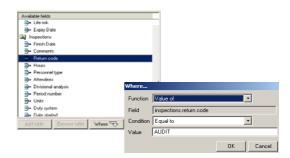


As you can see 'Date of Inspection' has appeared as column 7 under the 'Supplementary Line Number' column

Define Selected Columns - Where:

In the Inspections folder

- Click onto Return Code
- Click onto the Where button
- Condition Equal to
- Value AUDIT
- Click onto the 'OK' button



Add / OR Buttons

When using the **OR / AND** buttons you need to ask yourself what the question you're trying to ask is...

Use the And / Or buttons to breakdown your Query

AND = Surnames beginning with the letter S AND Location containing the letter N

0R

AND

OR = Surnames beginning with the letter S OR Location containing the letter N () = You would use the brackets if you are giving more than one option – For example

(Year = 2007 AND Location = A)

Year = 2007

OR

OR

(X = Y AND A = B)

(Type = A AND Location = B)

The AND button gives does not give you an option it wants all data within 'Where' i.e.

Inspections where the Value of 'Finish Date' is 'Greater than or equal to' '01/04/08' AND Value of 'Finish Date' is 'Less than or equal to' '31/03/09'

The **OR** button gives you conditions and usually us the brackets to separate the options i.e.

Inspections where the (Value of 'Finish Date' is 'Greater than or equal to' '01/04/08' AND Value of 'Finish Date' is Less than or equal to' 31/04/08)

<u>O</u>R

Inspections where the (Value of 'Date' is 'Greater than or equal to' '01/08/08' AND Value of 'Date' is Less than or equal to' 31/08/08)

Add in a Query Line

Click onto either the $\underline{\textbf{A}} \textbf{N} \textbf{D}$ / $\underline{\textbf{O}} \textbf{R}$ button

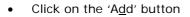
For this example I am using the AND button



You can either: -

- Click onto the table through window (1) then
- Click onto the 'Where' icon

Or you can...



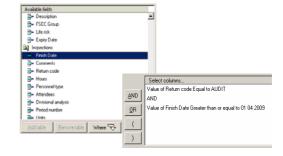


Select another option from 'Available Fields' window

Either way

In the Inspections folder

- Click onto Finish Date
- Click onto the Where button
- Condition Greater than or equal to
- Value 01/04/09
- Click onto the 'OK' button



Select columns...

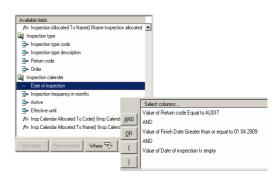
AND <u>0</u>R

> ()

Value of Return code Equal to AUDIT

In the Inspection Calendar folder

- Click onto 'Date of Inspection'
- Click onto the Where button
- Condition Is Empty



Test and Run Query Buttons

To 'Test Query'

Click onto the 'Test Query' button



A dialog box may pop up saying you have not used anything from tables that was selected in the 'Available Fields' window. You might not have used anything from that table in the



column window (2) but did use one or so of the fields from the table in the 'Where' window (3) or it was part of the linking of tables. Either way...

Click onto the OK button

If there are no records to pull back which meet the search criteria entered, a message will appear as follows:

This lets you know not to run query as there are no records returned



Click onto the OK button

If there are records to return

A dialog box will appear letting you know that there were records returned



- Click onto the 'OK' button
- Click onto the 'Run Query' button



Same as above

Click onto the Yes button

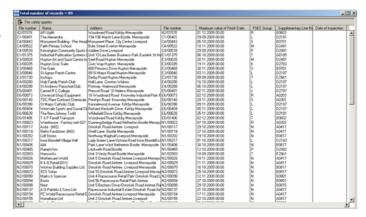


The system will now search all the records for the answer for your query. Depending on the size of the query, this could take a little while...

As you can see in this example I had 89 records returned.

To close the results window

Click onto the 'X' in the top right hand corner



Saving Queries

To enable to be save the query that you have just created for retrieval and subsequent execution at a later date

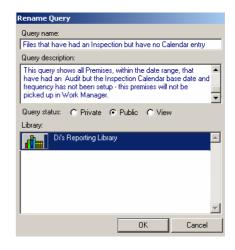
Click the 'Save' button



The Save Query window will display

The system defaults to the first field 'Query Name'

- Enter an appropriate 'Name' of the query being saved
- Enter a 'Brief Description' of the query



Position the cursor in the 'Query Status' field

The system defaults to 'Private' Private

If however, the query is to be accessible to all users

Select 'Public' option

The 'Public' option allows all users within the allocated department to see and use the query.

- Click onto the 'Library' folder
- Click the 'OK' button to 'Save' the query.

A query has been formulated and 'Saved' for retrieval at a later date.



REMEMBER...

Users can change the query but must remember to always 'SAVE AS' this will give the user the option to give the amended query a new name. By clicking onto the 'SAVE' icon the user will overwrite the query...

The system will return to the 'Fire Safety Queries' window and the heading will have changed from 'Untitled' to the name you 'Saved' the query at.



View / Open a Saved Query

To 'View' or 'Open' the 'Saved' query

- Click onto the 'Open' button
- Click onto the 'Library' you saved the query in



As you can see the query you created and saved is in the 'Library'



Notice there is four columns

Name: This is the 'Name' of the query

Description: This is the 'Brief Description' about the query

Created: This is the 'Date' the query was created

Last Run: This is the 'Date' of the last time this guery was opened and 'Last Run'

Click onto the 'OK' button to close the window

Let's take a look at another query

Q2: How many and type of Inspections performed on all properties within the past year

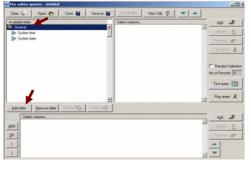
For this Query to work we will need all of what is displayed below

Availability Fields (Tables):	Selected Columns:	Define Selected Columns
Premises	FSEC Group	Value of Date Greater than or Equal to 01 04
Inspections	Supplementary Line No	2007
Integrated Risk Codes	Description	AND
Inspection Type	Finish Date	Value of Date Less than or Equal to 31 03 2008
Location		Change the dates to suit your question

AVAILABILITY TABLES: window one

Let's go through this Query Step by Step

First we need to enter our tables into the 'Available Fields' window



- Highlight the option of 'General' folder
- Click on 'Add Table' button at bottom of window 1

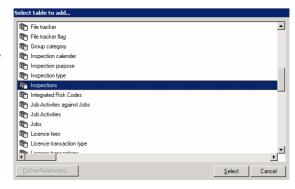
Add table

Once a table has been selected you can not use the 'General' folder again. The reason for this is you now need to link the tables to each other for your Query to work.

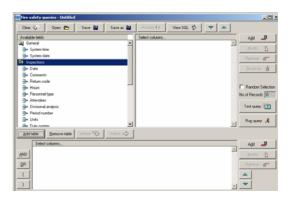
Here is where you will link the tables

- Select a Table that you wish search on highlighting i.e. 'Inspections'
- Click onto the 'Select' button





As you can see 'Inspections' table and all the sub-fields within that table has appeared in the 'Available Fields' window (1).



Under the 'General' folder you will be given the list of all the Tables available within Fire Safety Reporting. All the other folders will only have tables that are linked to that particular table.

Adding Additional Tables to the Query

From the Inspections folder

- Highlight 'Inspections' folder
- Click onto 'Add Table' button





This will open up the 'Available Fields' option window, which is a list of All Tables of Search Criteria Available

- Select 'Inspection Type'
- Click onto the 'Select' button



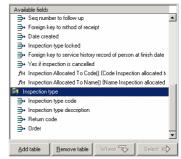


As you can see 'Inspections Types' and all the sub options associated to the table has now appeared under 'Inspections' in the 'Availability Fields' window.

We now need to enter the 'Integrated Risk Code' folder.

- Click onto the 'Inspections' folder
- Click onto the 'Add Table' button





You will see that the 'Integrated Risk Code' table is 'NOT' linked to the 'Inspections Types' table.

Click onto the Cancel button





- Scroll up the page
- Click onto the 'Inspections' folder
- Click on 'Add Table' button



The tables that are 'Linked' to the 'Inspections' table will appear, as shown

As you can see there aren't as many sub-tables as there was in the 'General' table this is because the 'General' folder is a generic folder that displays ALL of the tables within the Fire Safety Reporting window. The Inspection folder only displays what has been linked to that particular table. Same with the 'Premises' 'Inspection Types', 'Locations' etc... folders



- Select Integrated Risk Code
- Click onto the Select button



As you can see 'Integrated Risk Code' and all the sub options associated to the Table has now appeared under 'Inspection Type' in the 'Availability Fields' window.



From the 'Inspections' folder

- Highlight 'Inspections' folder
- Click onto Add Table



- Select 'Premises'
- Click onto the Select button





25

Even though Premises is linked to the 'Integrated Risk Code' table it may not be linked within the system Knowing the System Setup is very important when creating these Queries form Fire Safety Reporting.

As you can see Premises and all the sub options associated to the Table has now appeared under Integrated Risk Code in the 'Availability Fields' window.

From the 'Premises' folder

- Highlight 'Premises' folder
- Click onto Add Table





- Select 'Locations'
- Click onto the Select button



→ Order Integrated Risk Codes ⇒ Supplementary Line No

⇒ Description ⇒ FSEC Group ⇒ Life risk

Expiry Date

→ File numbe → Name → Address → Post code/Geo re

→ District council Add table Remove table

As you can see 'Location' and all the sub options associated to the Table has now appeared under 'Premises' in the 'Availability Fields' window.



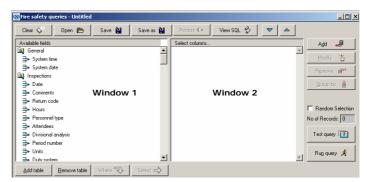
Now we have inserted all the tables we need to use

We now need to 'Select' the 'Columns' in which the data will be displayed under within the 'Query Report'

To know what Tables are linked to and what sub-options are associated to what table go to 'Fire Safety Reporting Tables and Links Manual' to see the full listings of all Tables and Attribute Groups that are in the Fire Safety Reporting Queries. It is also important to have a good knowledge of the setup system and know where the data can be pulled from.

SELECTED COLUMNS: window two

To create the report you first have to select the information that you wish to return in report columns from the 'Available Fields' window (1) into the 'Select Columns' window (2).



This is done by

- With in the 'Integrated Risk Code' folder
- Double click onto the 'FSEC Group' sub menu options (on the left)

Or

- Click onto and highlight the 'FSEC Group' sub menu options (on the left)
- Click onto the 'Select' button



The 'Select Value, Attributes' window will appear



This will open up the 'Select Value Attributes' window where it allows you to change the character length which determines the width of column in the report.

The 'Label' box allows you to change the heading for that column.

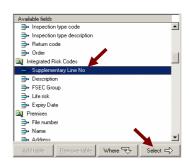
Click onto the 'OK' button

As you can see the 'FSEC Group' has appeared in the 'Select Column' window (2) on the right.



- With in the 'Integrated Risk Code' folder
- Click onto the 'Supplementary Line No' sub menu option
- Click onto the 'Select' button







This will open up the 'Select Value Attributes' window where it allows you to change the character length which determines the width of column in the report.

The Label box allows you to change the heading for that column.

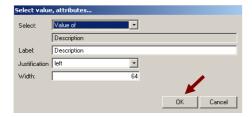
Click onto the 'OK' button

As you can see the 'Supplementary Line No' has appeared as column 2 under the 'FSEC Group' column



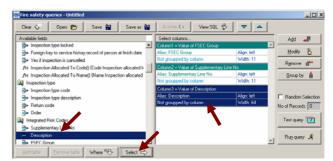
- With in the Integrated Risk Code folder
- Click onto and highlight the 'Description' sub menu options
- Click onto the 'Select' button





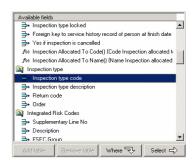
Click onto the OK button

As you can see 'Description' has appeared as column 3 under the 'Supplementary Line No'



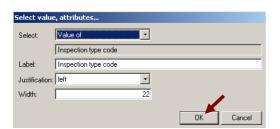
- With in the Inspection Type' folder
- Click onto and highlight the 'Inspection Type Code' sub menu options
- Click onto the 'Select' button





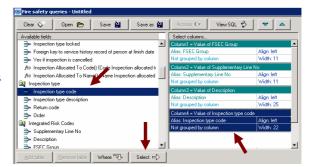
This will open up the 'Select Value Attributes' window where it allows you to change the character length which determines the width of column in the report.

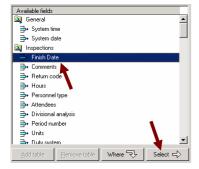
The Label box allows you to change the heading for that column.



Click onto the 'OK' button

As you can see 'Inspection Type Code' has appeared as column 3 under the 'Description' column





- Click onto the 'Inspections' folder
- Click onto 'Finish Date' sub menu option
- Click onto the 'Select' button



Date Range

The 'Date Range' fields are referencing the date attribute identified as a 'Reference Date'.

It would be usual to only set one date as a 'Reference Date' in a single query. If multiple 'Reference Dates' are used both dates will need to fall within the 'Date Range' defined.

E.g. where the 'Inspection Created Date' and 'Inspection Finish Date' falls within the 'Date Range' set.

If you enter a 'Date' criteria to your query the 'Select Value, Attributes' window will be a little different – as shown

This dialog box gives you the option to choose a different 'Reference Date'

The default is 'Within Date Range'

If you do wish to change this

• Click onto the 'Reference Date' box

This will activate the options

• Select one of the options

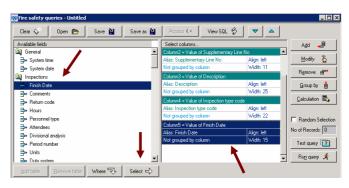
To grey out the other options

- Remove the tick from the 'Reference Date' box
- Click onto the 'OK' button

As you can see the 'Date' has been entered as the forth column

At this stage, not all queries need to be defined or set to a date range.





Test and Run Query Buttons

To 'Test Query'

Click onto the 'Test Query' button



This dialog box will pop up if you have selected a table from Available Fields (window 1) but have not used it within the Selected Columns (window 2).



Click onto the 'OK' button

Another dialog box will appear

Click onto the 'OK' button



If more, repeat the process

If there are no records to pull back which meet the search criteria entered, a message will appear as follows:



This lets you know not to run Query as there are no records returned

Click onto the OK button

If there are records to return

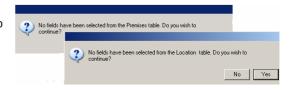
A dialog box will appear letting you know that there were records returned

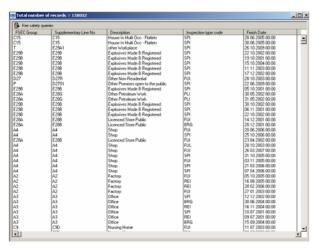


- Click onto the 'OK' button
- Click onto the 'Run Query' button



Similar dialog boxes will appear, informing you that 'No fields have been selected...'





As you can see in this example, there are 158052 records have returned

Showing all 'FSEC Group' with the 'Type of Inspections' they have had and which ones have or don not have a 'Finish Date'.

DEFINE SELECT COLUMN: window three

Now you need to enter search conditions to run the report and limit extent of data returned

Remember, the question we were asking was...

How many and type of Inspections performed on all properties within the past year?

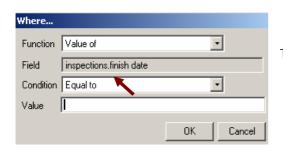
In Available Fields

- Click onto and highlight 'Finish Date' in the Available Fields (window 1) under the table of 'Inspections'.
- Click on the 'Where' button





This will open the value 'Where' window



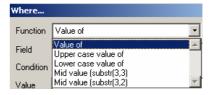
The 'Function' box is always defaulted to 'Value of'

Click onto the Functions Arrow

A drop down menu of options will appear

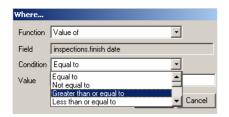
A drop down list will appear > change if necessary

For this query we want the 'Function' on 'Value Of' option



The Condition is always defaulted to 'Equals to'

- Click onto the Conditions Arrow
- A drop down menu of options



Equals to = Numbers / Dates Not equals to = Numbers / Dates Greater that or equals to = Numbers / Dates Less than or equals to = Numbers / Dates Begins with = Text Ends with = Text Contains = Text Is empty = Leave Blank Is not empty = Leave Blank Does not begin with = Text Does not end with = Text Does not contain = Text

For a Date Range: 'Greater that or equals to' and 'Less than or equals to' is commonly used

For Text: 'Begins with' or 'Contains' are commonly used

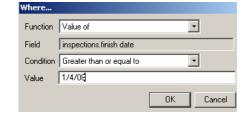
Enter a Date Range

If you wanted to enter a Date Range between 1st April 08 to 31st March 09

In the Conditions box you need to

- Choose 'Greater than or equal to' option
- Enter the 'Finish Date'
- Click onto the OK button







As you can see in the 'Where' window (3) the 'Date Range' has appeared.

To add another line to the query you first need to add a 'AND' / 'Or' to the query window

Add in a Query Line

Click onto either the $\underline{\textbf{A}} \textbf{N} \textbf{D}$ / $\underline{\textbf{O}} \textbf{R}$ button

For this example I am using the AND button



You can either: -

- Click onto the table through window (1) then
- Click onto the 'Where' icon

Or you can...

- Click on the 'Add' button Add
- Select another option from 'Available Fields' window





Either way

- Click onto 'Inspections' folder
- Click onto 'Finish Date' table

The 'Where' box will appear

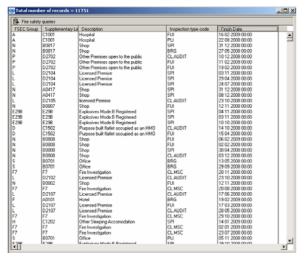
In the Conditions box you need to

- Select 'Less than or equal to' option
- Enter the (end) 'Finish Date'
- Click onto the OK button





Click onto the Run button



This time there are 11751 records returned showing the same as before but only the records where a 'Finish Date' was within the date range that was entered.

This type of query you can use the 'Count of'

Count Of

Count of' will count how many records they are to be counted e.g. How many Inspections for each FSEC Group

Double click onto the "Inspection Type Code" column

or

- Click onto the 'Inspection Type Code' column
- Click onto the 'Modify' icon

The 'Select' box is a drop down box which defaults to the 'Value Of'

Click onto the 'Select' arrow

A dropdown menu will appear

Click onto 'Count Of'



This will allow the query to 'Count' how many; in this case, 'Inspection Types' were made for each 'FSEC Group'.

'Count Of' has now appeared into the 'Select' box

I have also changed the

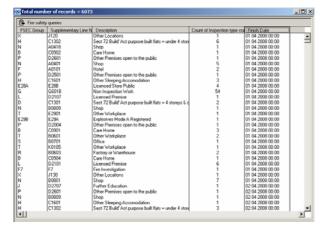
- 'Justification' to 'Centre'
- 'Width' from '10' to '8'
- Click onto the 'OK' button





As you can see the changes to the 'Inspection Type Code', in column 4, have been changed.

Click onto the 'Run Query' button



As you can see 6073 records have returned. The 'Inspection Type' has been counted for each 'FSEC Group'.

The 'Inspection Type Code' heading has changed to 'Count of Inspection Type Code' and is now centred

Let's add another 'Count of'

Double click onto the 'Finish Date' column

or

- Click onto the 'Finish Date' column
- Click onto the 'Modify' icon

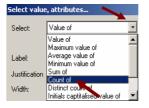


The 'Select' box is a drop down box which defaults to the 'Value Of'

Click onto the 'Select' arrow

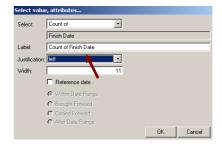
A dropdown menu will appear

Click onto 'Count Of'



This will allow the query to 'Count' the; in this case, 'Finish Date'

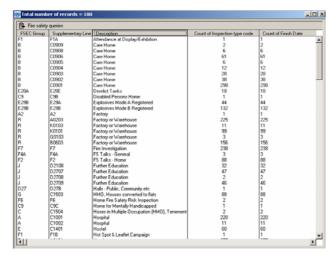
- 'Count Of' has now appeared into the 'Select' box
- Click onto the 'OK' button





As you can see the changes to the 'Finish Date', in column 5, have been changed.

Click onto the Run icon



In this example, there are now 180 records have returned counting how many 'Inspection Type Code' and how many with 'Finish Date' for each 'FSEC Group'.

e.g. FSEC E28 > 29 inspection type > 12 on the same finish date

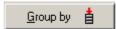
The 'Finish Date' heading has changed to 'Count of Finish Date'.

Let's make this query easier to understand by using the Grouping the query

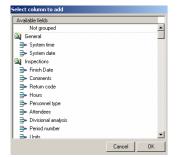
Group By

Usually a Query will show the data in the columns you have selected. 'Group By' allow you to create a 'Three Dimensional' Query. To do a 'Three Dimensional Report', meaning you will have headings down the side (Y axis) and the headings along the top (X axis) use the 'Group By' button. Like a line chart.

- Click and highlight the 'Finish Date' Column
- Click onto the 'Group By' button





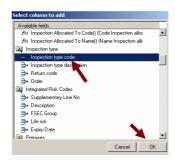


The 'Select Column to Add' window will appear

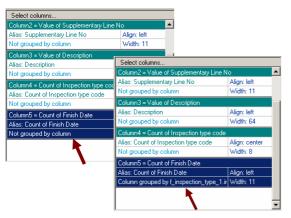
Notice the tables available in this window are the same tables you selected in Availability Fields (window one).

For this example:

- Scroll down to 'Inspection Types'
- Click onto 'Inspections Type Code'
- Click onto the 'OK' button



Once you have selected all of your tables / columns it should look something like the example below

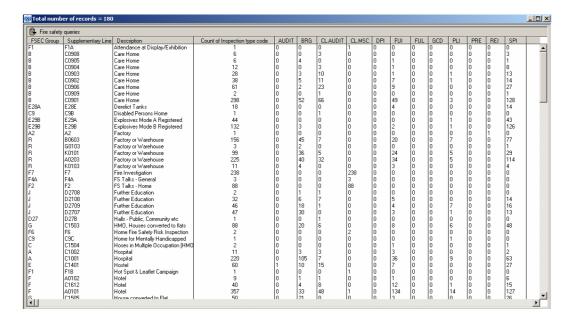


The selected field will now show in right window (2), (selected columns window)

Repeat this until you have entered in all headings for columns that you wish to be displayed in report.

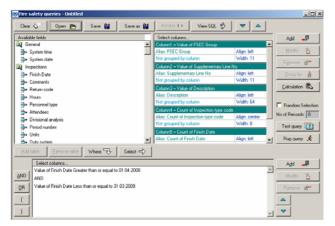
• Run the Report

You will still see the 180 records that have returned like before, except the system has entered the 'FSEC Groups' down the side of the page and the 'Inspection Codes' across the top of the page, giving you a 'Count by' (total) of each 'Inspection Type'. And the row 'Grouped' the data by 'Inspection Types' – giving each inspection its own column.



Saving Queries

To enable queries to be saved for retrieval and subsequent execution at a later date



Once the Query has been created

Click the 'Save' button



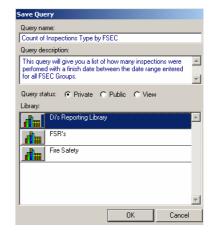
The Save Query window will display

The system defaults to the first field 'Query Name'

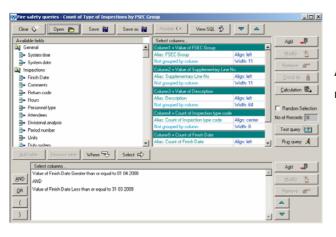
- Enter an appropriate 'Name' of the query being saved
- Enter a 'Brief Description' of the query
- Position the cursor in the 'Query Status' field

The system defaults to 'Private', if however the query is to be accessible to all users Private

- Select 'Public' option
- Click onto the 'Library' folder
- Click the 'OK' button to 'Save' the query.



The system returns to the 'Fire Safety Queries' window



A query has been formulated and 'Saved' for retrieval at a later date.

To 'View' the 'Saved' query



Click onto the 'Open' button



Click onto the 'Library' you saved the query in

As you can see the query you created and saved is in the 'Library'

Save As - Duplicate Amended Queries

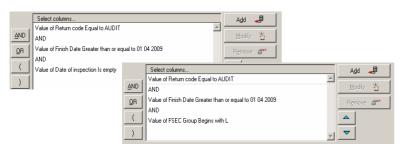
To enable queries to be 'Duplicated' / 'Amended' queries using the same kind of data but allowing you to amend, add, delete columns etc... And re-save under a new name.

Open the original Query

- Click onto the 'Open' icon
- Open 🗁
- · Click onto the 'Library' the query is saved in
- Select the 'Query'
- Click onto the 'OK' button



This will re-open the 'Saved' query



 Make the 'Amendments' to the query

In the example above I have removed the 'Date of Inspection' and added FSEC Groups L

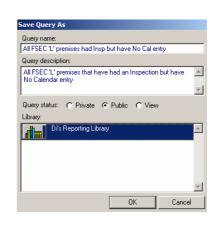
• Click the 'Save As' button



The 'Save as' window will display

The system defaults to the first field 'Query Name'

- Enter an 'NEW' name of the query being saved
- Enter a 'Brief Description' of the NEW query



If you would like to change the 'Status' of the query...

- Select 'Private' or 'View' option
- Click onto the Library Folder
- Click the 'OK' button to Save the Query.

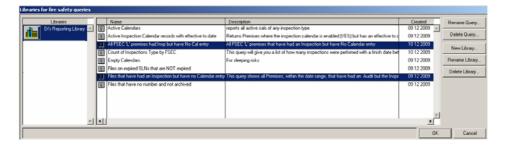
The system returns to the 'Fire Safety Queries' window

As you can see the query name has changed



Click onto the 'Open' icon

You should have both of the queries in the saved library – as shown below



To make any additional amendments, changes to the Queries repeat the previous pages.

Opening Existing Queries

The query window has been modified to include the query description, the date the query was created and the date the query was last run. The query list now features sortable columns.

To enable the viewing and subsequent selection of Queries previously 'Saved'



Click on the 'Open' button



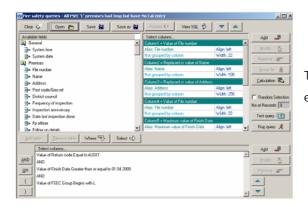
The 'Libraries for Fire Safety Queries' window will display

Click onto the 'Library Name' on the left hand side of the window

The Queries Saved to the highlighted Library will appear

- Highlight the relevant Query
- Double click on the query
- Or Click onto the 'OK' button





The query will appear in the FSQ window for you to execute, amend etc...

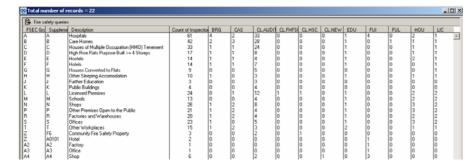


The Fire Safety Reporting, Personnel Queries, Training Queries and Operational Queries are exactly the same window just they reference different database tables enabling different type Queries to be created.

Printing & Exporting Facilities from the Brown Clipboard

The following section describes how to use the standard 'Printing and Exporting' facilities which are incorporated in the majority of windows e.g. 'Fire Safety Queries Window'.

From the 'Executed' query



In the top left hand corner

Click onto the 'Brown Clipboard' icon

The standard printing and export facilities, represented by the 'Brown Clipboard' icon include the following facilities:

Modify Column Layout:

Print Report:

Send to MS Excel:

MS Excel Formatting Options:

Send To .csv File...:

Letters and Mail:

Factory Settings:

Graph Results:

eQ Apollo:

Close:



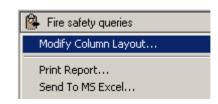
How to Modify Column Layout

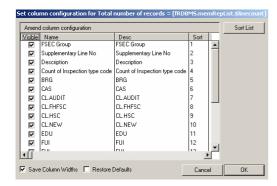
Please refer to the 'Brown clipboard' button entitled 'Fire Safety Queries'

Click the 'Brown clipboard' button

A drop down menu will display

Click onto 'Modify Column Layout'

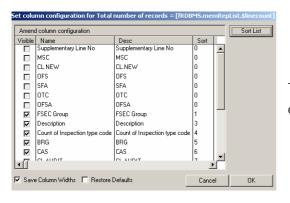


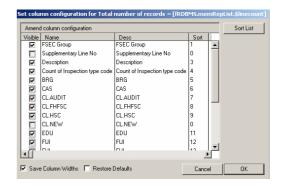


Depending on the columns checked will depend on the columns visible in the 'Fire Safety Queries' result window

i.e. only the above checked columns will display as so:

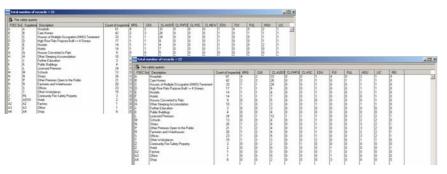
Remove the Ticks from the check boxes of the columns you 'Do Not' want displayed





The 'Sort List' button will ascend 'Sort' column in ascending order

Click onto the OK button



As you can see the columns that had the ticks removed are now hidden

Restore Defaults check box by ticking this box it will put the ticks back into all the check boxes all columns will be visible.

How to Print a Report

Please refer to the 'Brown clipboard' button entitled 'Fire Safety Queries'

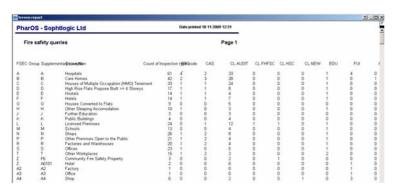
Click the 'Brown clipboard' button

A drop down menu will display

Select the second option 'Print Report'

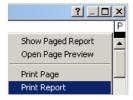


The system will automatically generate a report of the information currently displayed.



Please note the information included in the 'Print' or 'Export' will be the data retrieved from the single or multiple searches previously performed.

To print the report click the 'P' button positioned in the top right hand corner of the window.



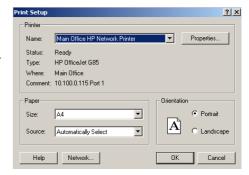
A drop down menu will display.

Click onto 'Print Report'

The 'Print setup' window will display.

Please note the 'Print Setup' window defaults to the printer previously specified as the default printer via the 'Settings', 'Printers' option of the 'Start' button of Windows.

Click the 'OK' button to print the report.



The system returns to the screen report.

When the report has been viewed and is no longer required.

Double click the '8' button positioned in the top left hand side of the window or click onto the 'X' positioned at the top right hand side of the window.

The system returns to the 'Fire Safety Queries' window.

How to Format MS Excel Options

Go to the 'Brown clipboard' button e.g. entitled 'Fire Safety Queries'

Click the 'Brown clipboard' button

A drop down menu will display

Select 'MS Excel formatting options'

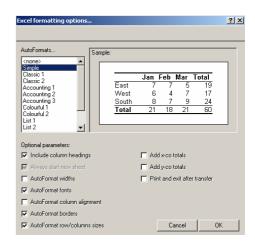


The system will open the 'Excel formatting options' window

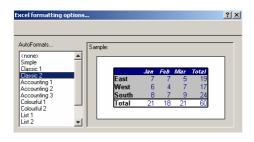
Go to the 'Auto formats' list display

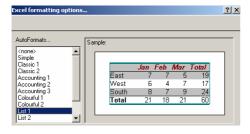
The 'AutoFormat' highlighted will display in the 'Sample' preview field

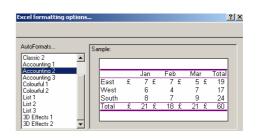
- Select the required 'Auto format' option.
- Click the 'OK' button if the Excel Formatting Options require saving.

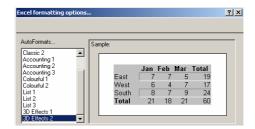


Please note: the 'Excel Formatting' option that is selected will not be visible until the 'Send to MS Excel' facility has been used. As shown in the examples on the next page.









How to Send to MS Excel

Go to the 'Brown clipboard' button e.g. entitled 'Fire Safety Queries'.

Click the 'Brown clipboard' button

A drop down menu will display

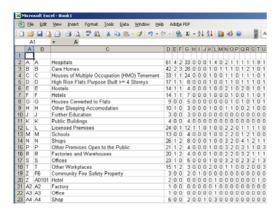
Select 'Send to MS Excel'



The system will automatically open 'Microsoft Excel' which will be visible on the task bar at the bottom of the window display.

Click the 'Microsoft Excel' button

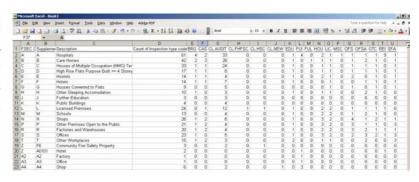




Microsoft Excel will open and the information in the 'Fire Safety Queries' results window will now be displayed in a 'Microsoft Excel' spreadsheet.

In this example the headings have not been included...

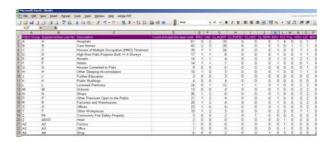
If this is the case, go to 'MS Excel Formatting Options' make sure there is a tick in the 'Include Column Headings' check box in the 'Optional Parameters' or click onto one of the 'Auto Formats' e.g. 'simple'.



Below are a few 'MS Excel Formatting Options' examples.



'Class 1' layout





'List 1' layout



How to send data to CSV files

(Comma separated values - this is a text file that will open in Excel by default but can also be opened with a simple text editor, such as notepad. This is a standard file type for imports into other applications, such as Access.)

Go to the 'Brown Clipboard' icon e.g. entitled 'Fire Safety Queries'

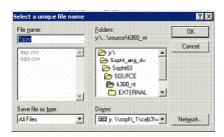
Click the 'Brown Clipboard' button

A drop down menu will display

Select 'Send to .csv file'



Upon selecting '.csv', you will be prompted as to where you want to save the file to.



- Enter a location and name for the file
- Click onto the 'OK' button

You will see a working message and then Excel will open and the new file will be displayed.



PLEASE NOTE:

The default location when you start a new session is the application folder, but once you have changed this once and saved it will bring up the last save location.

If you do not enter the extension '.csv' after the file name, this will automatically be added.

You cannot enter a file name that already exists. If you wish to replace a file – delete it before you run this export.

How to return to Factory Settings

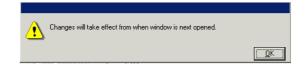
When the modify column layout has been modified and there is a requirement to revert to the original layout, this can be achieved by selecting the 'Factory Settings' menu option on the brown clipboard icon. Example:

Modify Column layout

- De-select the columns that you do not wish to be displayed by unchecking the relevant checkboxes
- Select 'Factory Settings' from the 'Fire Safety Queries' results window brown clipboard.



The following message will be displayed



All Columns will then be displayed on the Fire Safety Queries results window once the window has been closed and re-opened.

When the report has been viewed and is no longer required.

Double click the '8' button positioned in the top left hand side of the window or the 'x' positioned at the top right hand side of the window.

The system returns to the 'Fire Safety Queries' window.

These Features are currently not available.

Letter and Mail, Graph Results and eQ Allolo