



PowerPlus PC

User Manual

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PowerPlus PC

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Introduction

Welcome to the PowerPlus PC – Seaward’s electrical installation certification software. This software can be used to create a range electrical installation certificates that comply with BS7671 including certificates issued by trade associations such as NICEIC, ECA and NAPIT.

This software gives you the ability to enter details of tests and inspections directly into certificates through your computer. You can store and either print complete certificates or overprint on to certificate forms. But it really comes into its own when used together with the PowerPlus 1557 test instrument. This breakthrough in electrical installation certification recording moves the whole process of test and inspections of electrical installations to a whole new level.

By taking a system approach to the overall task of testing and inspecting electrical installations the whole process can be made significantly more efficient – saving you time and money. This unique program can transfer certificates with the Seaward PowerPlus 1557 tester – making this system the most advanced electrical installation test and inspection system currently available.

Use Seaward’s PowerPlus 1557 tester to record tests and inspections directly into certificates on site, then transfer the certificates to the PowerPlus PC program running on your computer. In this way you avoid multiple entry of information and eliminate errors – thus speeding up the whole process significantly. Once the certificate is complete, it can be printed on blank paper or you can overprint onto the certificate forms provided by leading trade associations. Because the certificate is stored on your computer you have convenient copies together with installation data that can be used for future test and inspections.

While PowerPlus PC is easy to use, it will be worth your while to spend some time reading through the rest of this User Manual so you can get the most from your new software.

Installing PowerPlus PC Software

Note

Before installing PowerPlus PC ensure no other application programs are running.

Installing PowerPlus PC is easy, simply insert the CD into your CD drive. The program should automatically commence the installation.

Note

PowerPlus PC is NOT suitable for network installations – only the PC/Server where the program is installed will have access to the licence. The certificates can be stored on a network – please see ‘Setting the Certificates Folder’ section for details.

If the CD does not automatically start the program installation, then use Windows Explorer or other file management applications to select your CD drive, double click with the mouse on the setup.exe file to start the installation.

Follow the on-screen instructions.

Starting the Program

If PowerPlus PC has been purchased, complete the installation by entering the **Serial Number** from inside the CD ROM case to activate the program – by default this will be on-line via the Internet. If an Internet connection is not available select an alternative activation method and follow the on-screen instructions.

If PowerPlus PC has not been purchased, it can be run in Evaluation mode by selecting **Use PowerPlus PC without registration**. The Evaluation mode will allow full access to the program for a limited time period.

Setting the Certificates Folder

PowerPlus PC installs a 'My Certificates' folder on the computer as part of the installation and this is used by the program to store your Certificates.

To change the Certificates folder to another location, e.g. on a shared network drive, select **File** then **Set Certificates Folder...** select the relevant folder in the Browse window and select **OK**.

PowerPlus PC can only access and display the Certificates from one Certificates folder at any one time although a number of Certificates folders can be created and switched between.

Setting a Password

If you want to prevent other people from accessing the certificate data, PowerPlus PC can be set to request a Password at Login.

To set up a Password, select **Tools** then **Security** and check the prompt box and enter and confirm the Password. When complete select **OK**.



Figure 1: Security window

Next time you start the program you will be presented with this screen. You must enter the correct password before the program will continue.



Figure 2: Login – with Password prompt

Test Instruments

Test Instruments calibration can be managed via the Test Instruments window. To do this, select the **Instruments** icon or **Tools** then **Test Instruments** to open the **Test Instruments** window.

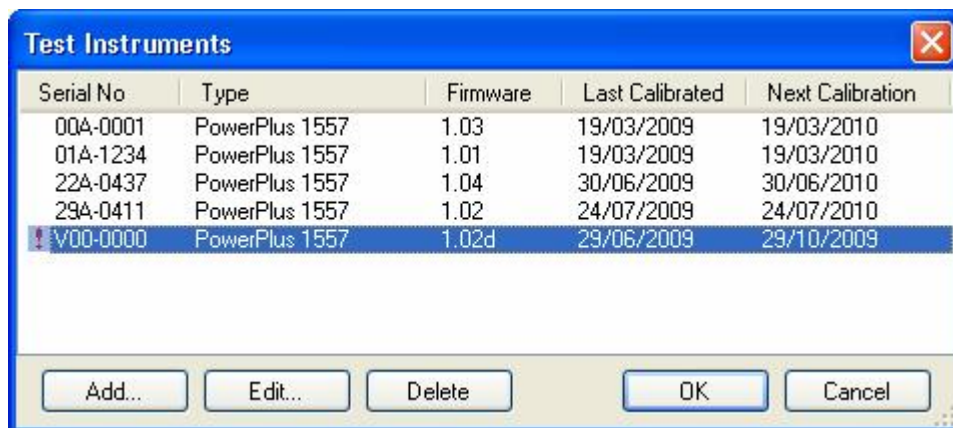


Figure 3: Test Instruments window

To add a test instrument select **Add**.

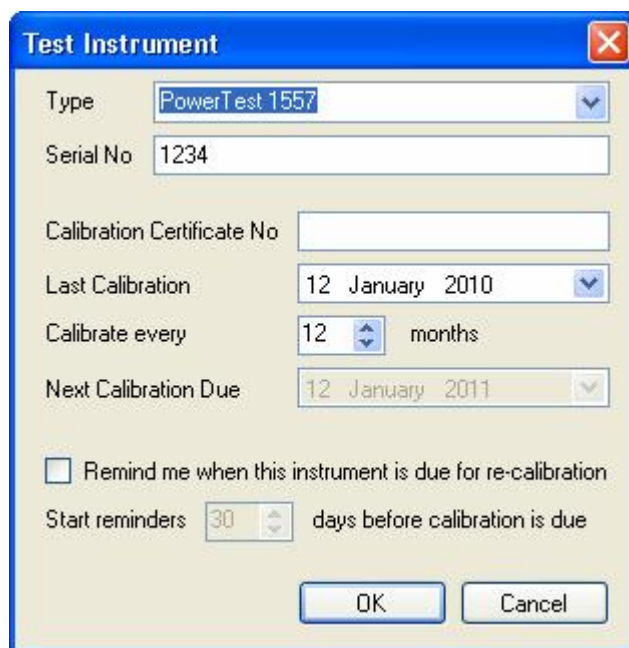


Figure 4: Test Instrument data entry form

Select a Test Instrument from the **Type** drop down. The tester's **Serial Number** is required to register the tester with the program.

To enable Calibration alerts, enter the **Calibration Certificate No**, **Last Calibration** date and **Calibrate every** period. Then Check the **Remind me when this instrument is due for re-calibration**.

Set the required **Start reminders** to be alerted in advance of the Calibration lapsing.

The prompt will be displayed each time you Login to the program until the Last Calibration date is changed so that it is in advance of the Start reminders period.

When complete select **OK**.

Repeat the above for each test instrument to be registered with the program.

Note

It is not necessary to add PowerPlus 1557 testers manually in this way as these testers are added automatically on first Download to the program.

It is possible to enter other test instruments directly into the Type field rather than select from the drop down to enable other Test Instruments to be included in the program's Calibration alerts.

Any user entered Test Instruments will not be able to Download or Upload to the program. Only Test Instruments selected from the drop down can interact with the program.

My Organisation

The **My Organisation** window is launched from the **Tools** drop down. This window enables you to enter details of your organisation or company including trade association membership details into the program.

The screenshot shows a Windows-style dialog box titled "My Organisation". At the top left is the Seaward logo, which consists of a red square with a white stylized 'S' and the word "SEAWARD" in bold black capital letters. Below the logo are several input fields. The "Name" field contains "Seaward Electronic Ltd". The "Address" field is split into three lines: "Bracken Hill", "South West Industrial Estate", and "Peterlee". The "Telephone:" field contains "0191 586 3511" and the "Postcode:" field contains "SR8 2SW". The "Fax:" field contains "0191 586 0227". There are two empty input fields for "NICEIC Enrolment No" and "NICEIC Branch number". Below these is an empty input field for "NAPIT Membership No". The "Logo" field contains the file path "N:\Seaward Branding\New Logos\Seawarc" and has "Clear" and "Browse..." buttons next to it. At the bottom of the dialog are "OK" and "Cancel" buttons.

Figure 5: My Organisation data entry form

The above information will be available in appropriate drop downs when entering data into Certificates. The Logo will be used when printing certificates onto blank paper.

Personnel

Personnel and digital signatures can be added to certificates. To do this, select the **Personnel** icon or **Tools** then **Personnel** to open the Personnel window.

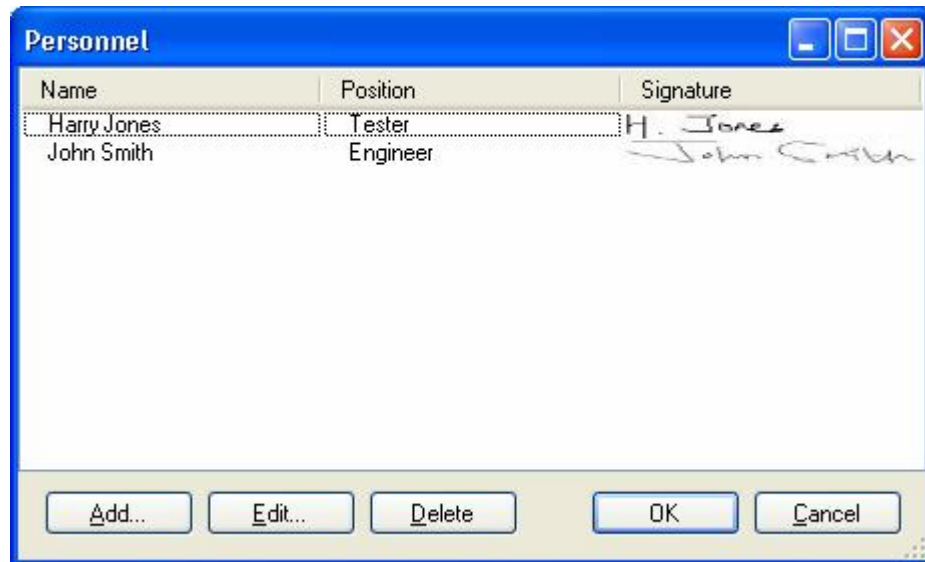


Figure 6: Example Personnel window

Select **Add** to enter the details of each person of your own company or organisation you wish to register with the program.

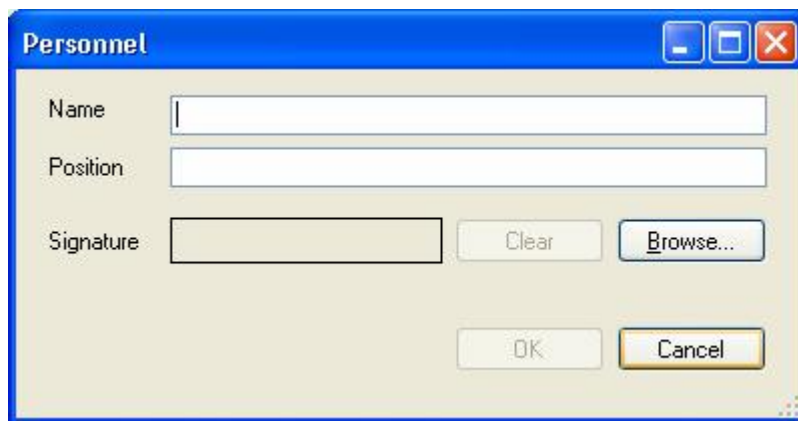


Figure 7: Personnel data entry form

Enter the relevant **Name** and **Position**. To add a **Signature**, select **Browse...** to select the relevant digital signature file. A digital signature file is simply an image of the signature. A range of image formats are acceptable e.g. bmp, jpg etc. Select **OK** to save.

A warning may be displayed if the signature file size is large as this could limit available memory in the PowerPlus 1557 tester if a Certificate containing this signature is Uploaded.

Repeat the above for each person to be registered with the program.

All registered Personnel will be available via drop downs in all the personnel fields across Certificates. When selected the relevant digital signature will be added to the Certificate – if a signature was set for that person

Navigating the PowerPlus PC Program

The Main Window

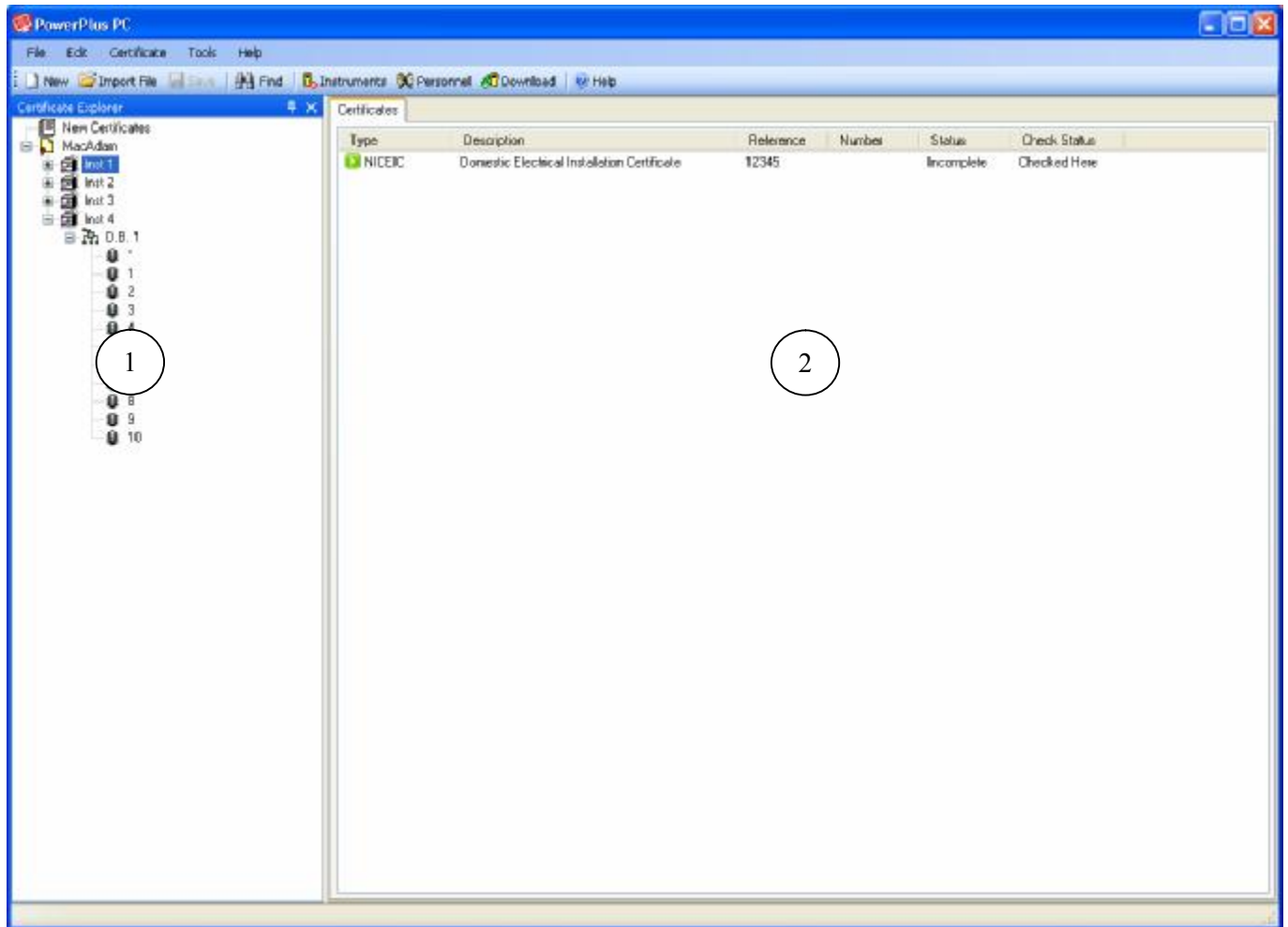


Figure 8: The Main window

- ❶ The Certificate Explorer - displays the Clients, Installations, Distribution Boards and Circuits
- ❷ The Certificates panel – displays Certificates available (depending on what is selected in Certificate Explorer) and Certificate contents.

Certificate Explorer

Certificate Explorer displays in a hierarchic format the physical location (Client & Installation) of Distribution Boards and Circuits. This is derived from user entered Certificate information. This hierarchic display enables easy navigation around Certificates.

The **New Certificates** icon is always available at the top of Certificate Explorer and if selected will display Certificate icons in the Certificates panel. These are the default 'blank' certificates available to you.

As you open a New Certificate and enter data relevant to the installation, a tree structure will be created automatically, derived from key information entered into the Certificate – Client, Installation, Distribution Board and Circuits.

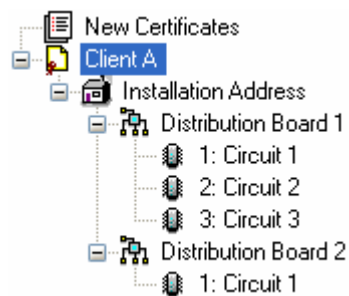


Figure 9: Certificate Explorer Example

Certificates Panel

The content of the Certificates panel is determined by the selection in the Certificate Explorer panel.

Initially only **New Certificates** will be available in Certificate Explorer.

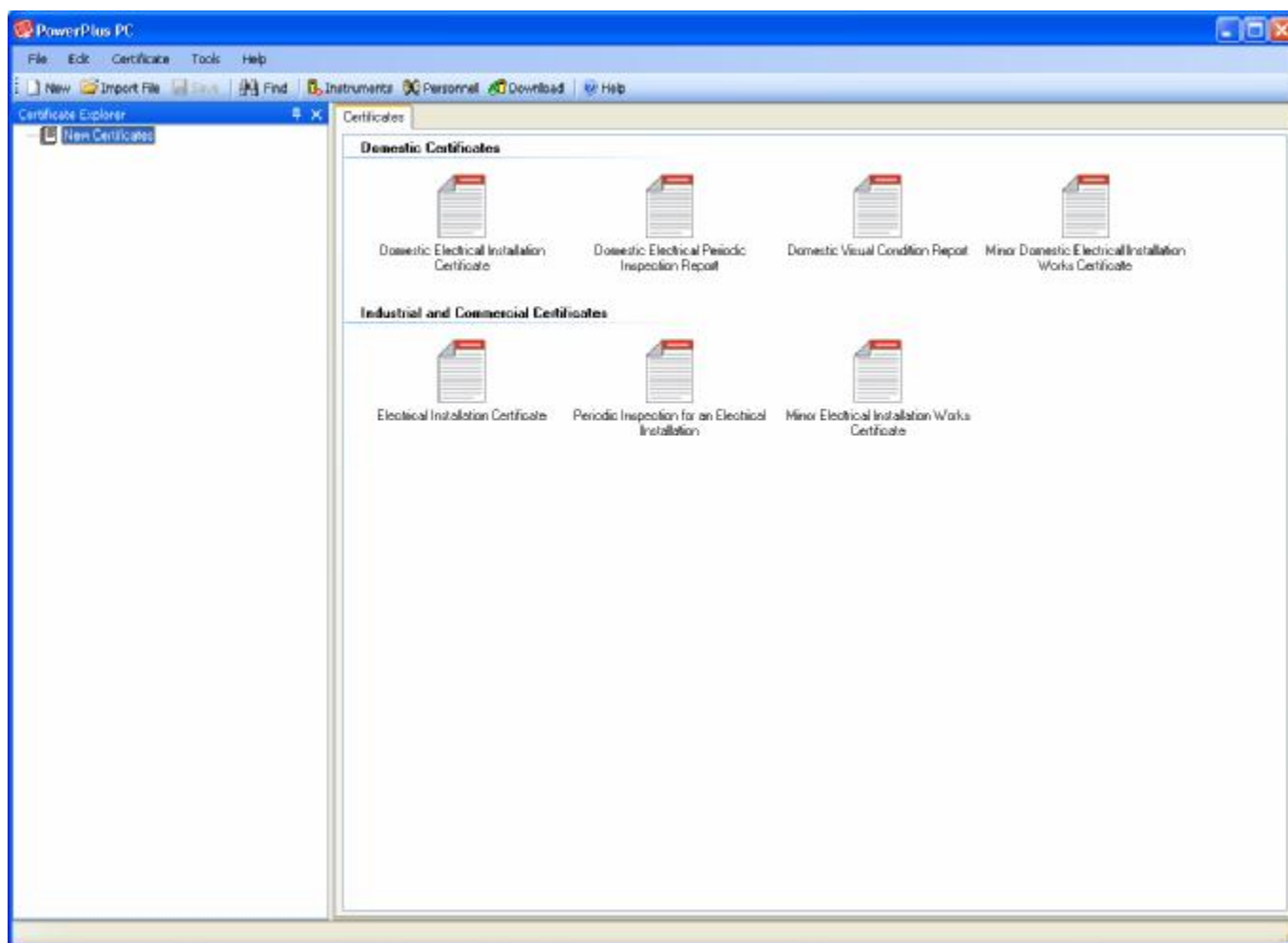


Figure 10: New Certificates

As you create Certificates for installations, Certificate Explorer will build up a Certificate hierarchy.

By selecting any level of the tree structure in Certificate Explorer (Client, Installation, Distribution Board or Circuit) the Certificates panel will display all the available Certificates relevant to the selected level.

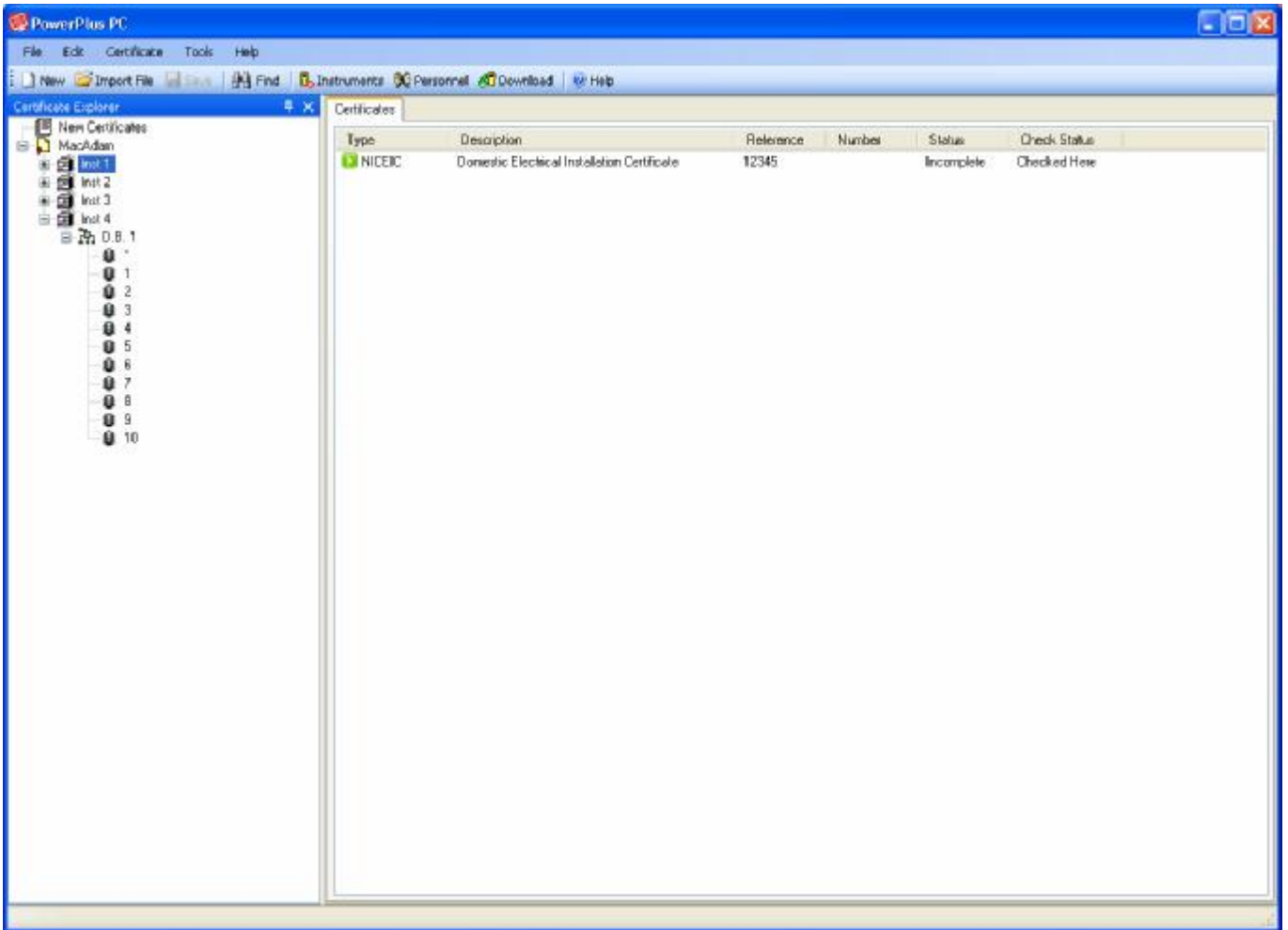


Figure 11: Using Certificates Explorer to locate Certificates

Selecting any of these Certificates will open the Certificate in the Certificates panel at the relevant page for editing.

Type

The originating source of the Certificate will be displayed in the Type column.

Description

The test and inspection Certificate type is displayed in the Description column

Status

There are 2 Status conditions. These are Incomplete and Complete. All Certificates are Incomplete until they are deemed completed by you, then their Status becomes Complete.

A Certificate is deemed Complete when a successful Validation has been carried out and you opt to change its Status to Complete.

Once a Certificate’s Status is Complete no further editing of the Certificate will be possible.

Check Status

The Check Status provides information on where the Certificate currently resides and is used to manage Certificate transfers to and from the PowerPlus 1557 tester.

There are several Check Status conditions :-

Here means the Certificate was created in the desktop program and hasn't been Uploaded to a PowerPlus 1557 tester. This Certificate is available for editing (provided its Status is Incomplete).

Checked out to File means that the certificate data has been exported to a file.

Multiple means that parts of certificate are in different places. If you place your mouse pointer over the word, then a bubble with more detail will appear.

In means the Certificate came from a PowerPlus 1557 tester and was Downloaded to the program. This Certificate is available for editing (provided its Status is Incomplete).

Out means the Certificate has been Uploaded to a PowerPlus 1557 tester. This Certificate is NOT available for editing until it has been downloaded to this program, in which case the Check Status would change to In. Upload to another tester is not allowed, to ensure Certificate data is not compromised.

In case of lost tester or for other reasons, it is possible to perform a **Force Check In**. This will check in a Certificate that has been Uploaded and allow editing or another Upload to a different tester. **Force Check In** should not be used unless the previous Upload has been lost or deleted otherwise Certificate data integrity can be compromised. To **Force Check In** a Certificate, select the Certificate and open its context menu (right mouse click) and select **Force Check In**.

Context Menus

All Certificates (displayed in the Certificates Panel) have a right mouse button action. The following actions can be initiated from the right mouse button:

New Certificate icons	New Site Survey Forms
Existing Certificates	New Open Copy... Edit Reference... Validate Print Upload Force Check In Delete

Note

If the Certificate is currently open not all context menu options will be available

Certificate Tabs	Rename Page Add Continuation Page Delete Continuation Page
------------------	--

Using Certificates

New Certificate

To open a New Certificate, ensure **New Certificates** is selected in the **Certificate Explorer** then create a new certificate by double-clicking the relevant New Certificate icon in the **Certificates** panel. The New Certificate window will be displayed.



Figure 12: Example New Certificate Window

Select the **Certificate Type**, and **Sub Type** (if applicable). Enter an appropriate **Certificate Reference** (this need not be the Certificate Number – there is separate field for this available when printing the Certificate) and select **OK**.

The new Certificate will open the Page 1 tab in the Certificates panel. Other pages are available as tabs including the Certificates tab for a list of Certificates at the currently selected Certificate Explorer level. This will be a blank Certificate of the new Certificate, Certificate Type and Sub Type (if applicable) selected in the preceding window.

PowerPlus PC
File Edit Certificate Tools Help

New Import File Save Find Instruments Personnel Download Help

Certificate Explorer
New Certificates
MacAdam
Inst 1
Inst 2
Inst 3
Inst 4

Certificates Page 1 Page 2 0.8.1 Preview and Print

DETAILS OF THE CLIENT
Client and Address: [Dropdown]
Postcode: [Text]

ADDRESS OF THE INSTALLATION
Installation Address: [Dropdown]
Postcode: [Text]

DETAILS OF THE INSTALLATION
Extent of the installation covered by this certificate: [Text]
Installation is:
 New
 An Addition
 An Alteration

DESIGN, CONSTRUCTION, INSPECTION AND TESTING
I/we, being the person(s) responsible for the design, construction, inspection and testing of the electrical installation(s) indicated by my/our signature adjacent, particulars of which are described above, having exercised reasonable skill and care when carrying out the design, construction, inspection and testing, hereby CERTIFY that the said work for which I/we have been responsible is, to the best of my/our knowledge and belief, in accordance with:
BS7671, [Dropdown]
amended to [Dropdown] except for the
departures, if any, details as follows:
Details of departures from BS7671, as amended (Regulations 120.3, 120.4) [Text]
The extent of liability of the signatory is limited to the work described above as the subject of this certificate.
For the DESIGN, the CONSTRUCTION and the INSPECTION AND TESTING of the installation:
Signature [Text] Name [Dropdown] Date [Date]
The results of the inspection and testing reviewed by the Qualified Supervisor
Signature [Text] Name [Dropdown] Date [Date]

PARTICULARS OF THE APPROVED CONTRACTOR
Trading Title [Dropdown]
Address [Text]
Telephone: [Text] Postcode: [Text]
NICEIC Enrolment No. [Text] Branch number [Text]

NEXT INSPECTION
I RECOMMEND that this installation is further inspected and tested after an interval of not more than [Dropdown]

COMMENTS ON EXISTING INSTALLATION
NONE

SCHEDULE OF ADDITIONAL RECORDS
[Text]

Figure 13: Example New Certificate - Page 1

Fill in each page as required and select **Save**. The Certificate information will automatically generate a hierarchy in Certificate Explorer based on information entered into the Certificate after it is saved.

Use as Template - Single

The information in an existing Certificate can be used to create a new Certificate.

To pre-fill a new Certificate, use **Certificate Explorer** to locate an existing Certificate. Select the relevant Certificate in the **Certificates** panel (by clicking on it) then open the context menu (right-mouse click) and select **Use as Template**, then **Single Certificate**. A sub menu will pop-out listing the available new Certificates.

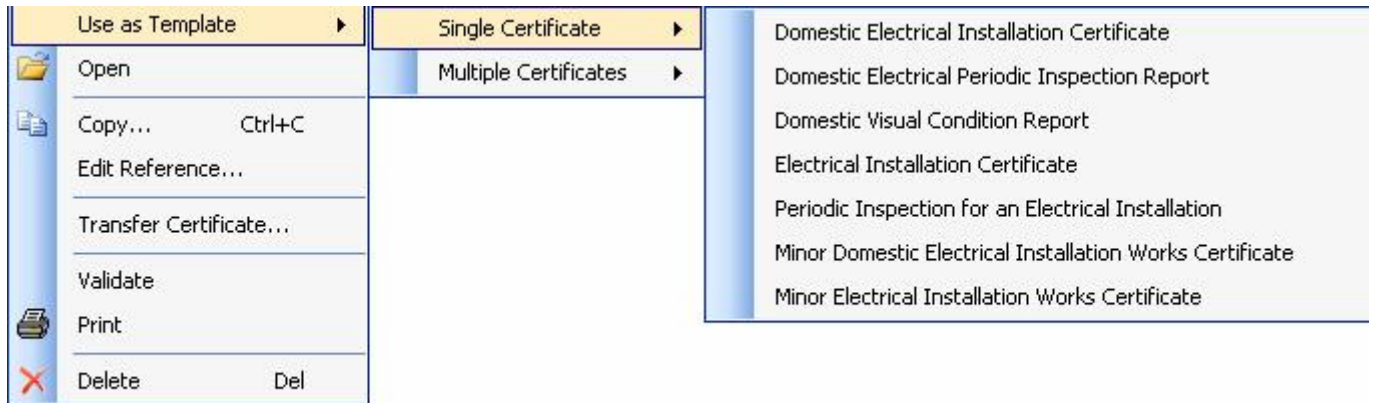


Figure 14: New Certificate options

Choose a **New Certificate** from the sub menu. A **New Certificate** window will be displayed, enter a new **Certificate Reference** and select **OK**.

The new Certificate will open and display Page 1 in the Certificate panel.

All fields will be pre-populated, where possible, with installation information from the existing selected Certificate.

Use as Template - Multiple

The information in an existing Certificate can be used to create multiple certificates. This is particularly useful if you have several installations all with the same details. Eg a row of houses that are all built to the same standard.

To create multiple new certificates, use **Certificate Explorer** to locate an existing Certificate. Select the relevant Certificate in the **Certificates** panel (by clicking on it) then open the context menu (right-mouse click) and select **Use as Template**, then **Multiple Certificates**. A sub menu will pop-out listing the available new Certificates. Choose the correct one, then you will see the following screen.

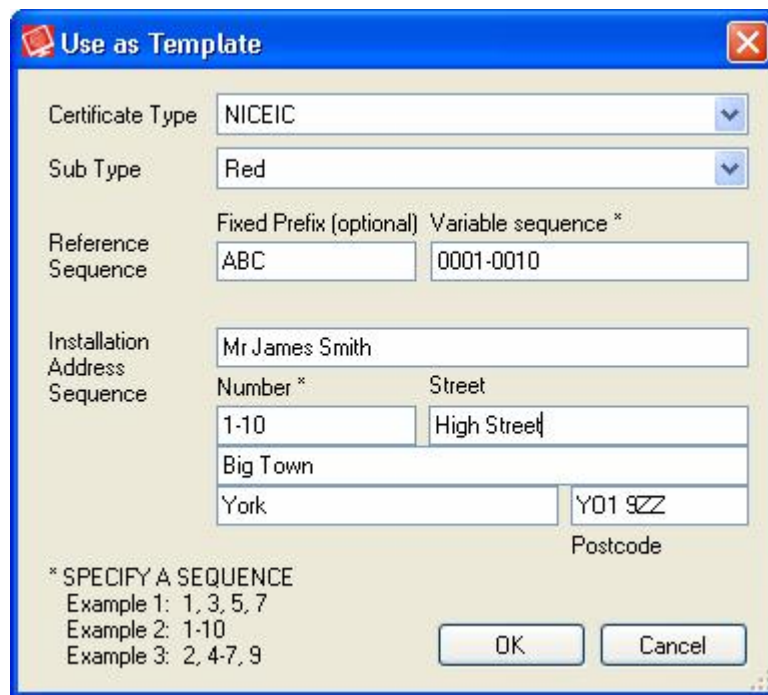


Figure 25: Multiple Certificates Template

Use this screen to enter the sequence information for both the installation address and the certificate reference number. When you click OK, a set of certificates will be created. Each certificate will have the same Distribution Board and Circuit details as the original.

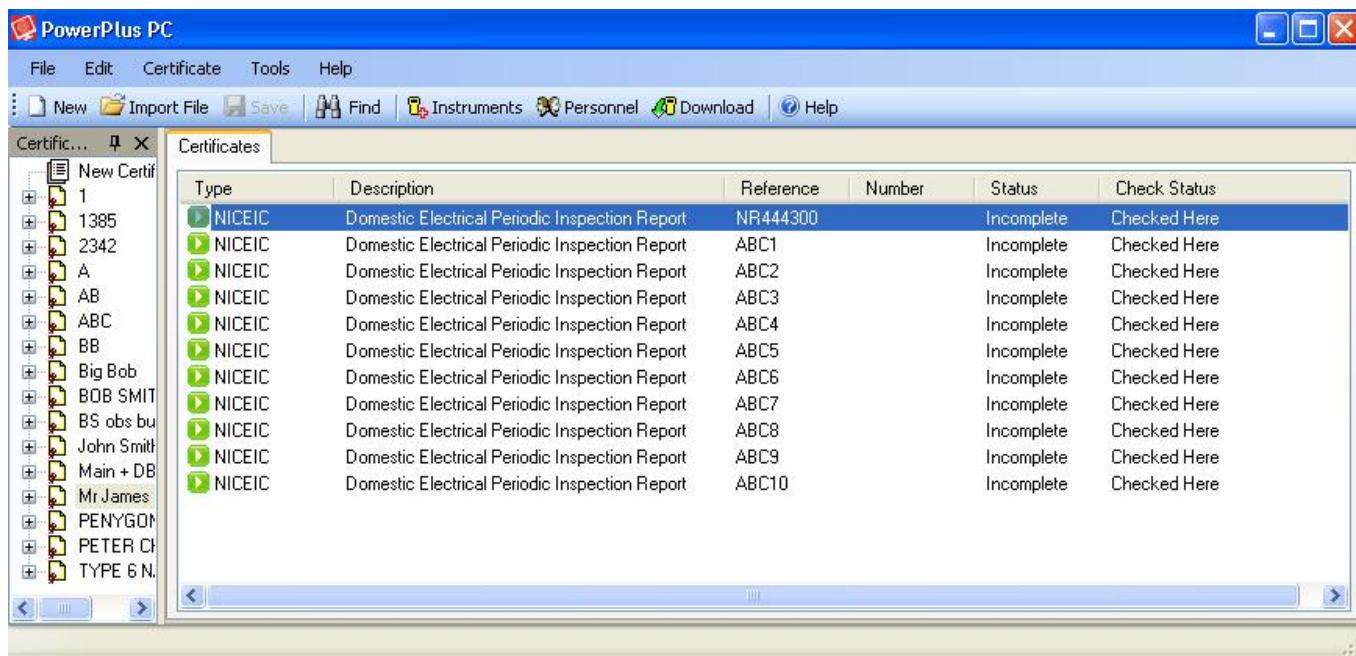


Figure 36: Result of Multiple Cloning

Open one of these new certificates and you will see that the installation address has automatically been created with the correct house number.

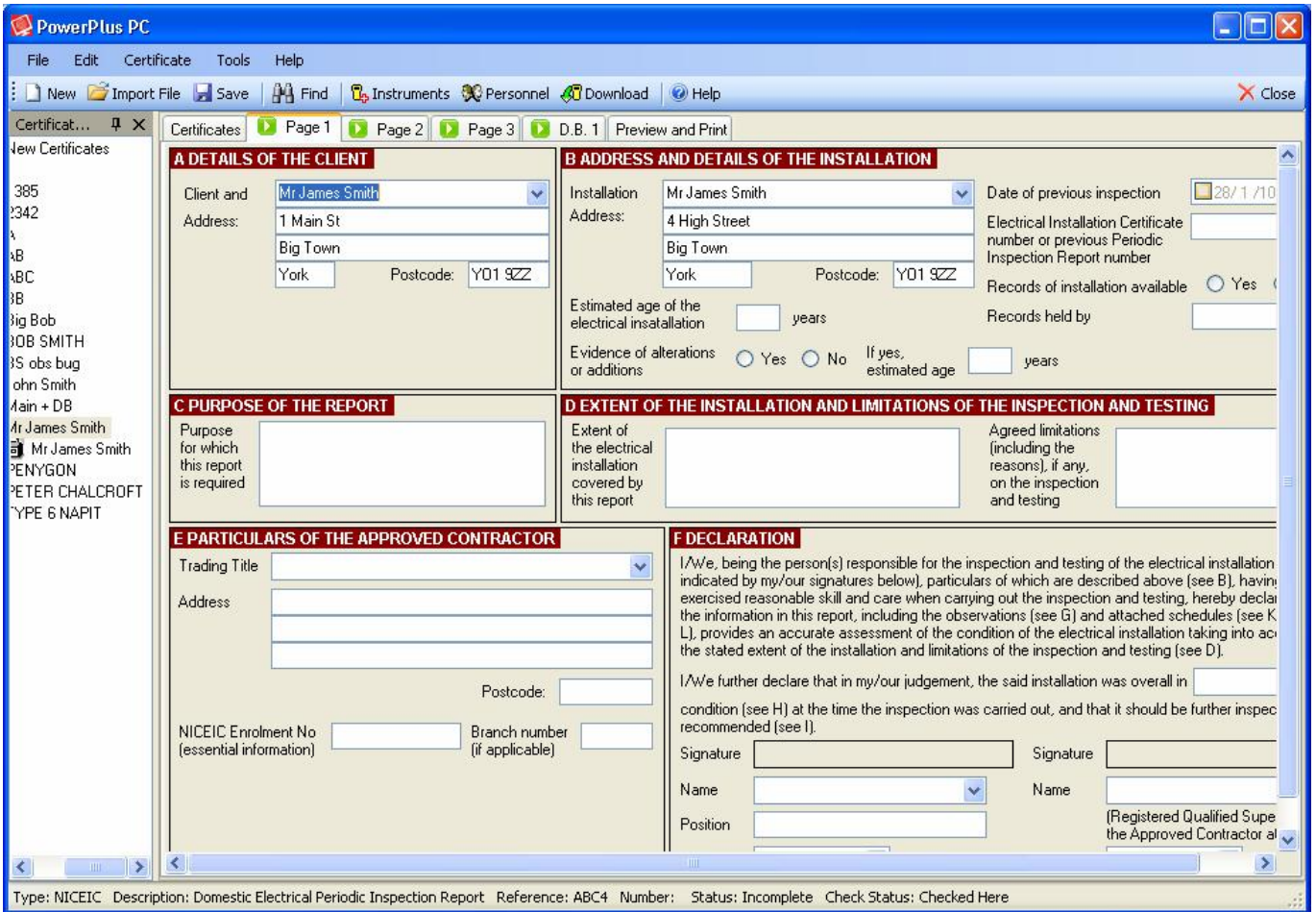


Figure 47: A Cloned Certificate

Continuation Pages

Certain Certificates types require Continuation Pages when Certificate data overflows e.g. Schedule of Circuits and Test Results. When this is the case, the program's Certificates panel will display this as a continuous stream within the Certificate. When Preview and Print is selected for this situation, the program will divide this overflow data across the necessary number of Continuation Pages.

Continuation Pages can be added at any time as required by some Certificates e.g. for another Distribution Board.

To add a Continuation Page, open the Certificate in the Certificates panel, select a tab and open the context menu (right mouse click) and select **Add Continuation Page** or select **Add Continuation Page** from the **Certificate** drop down.

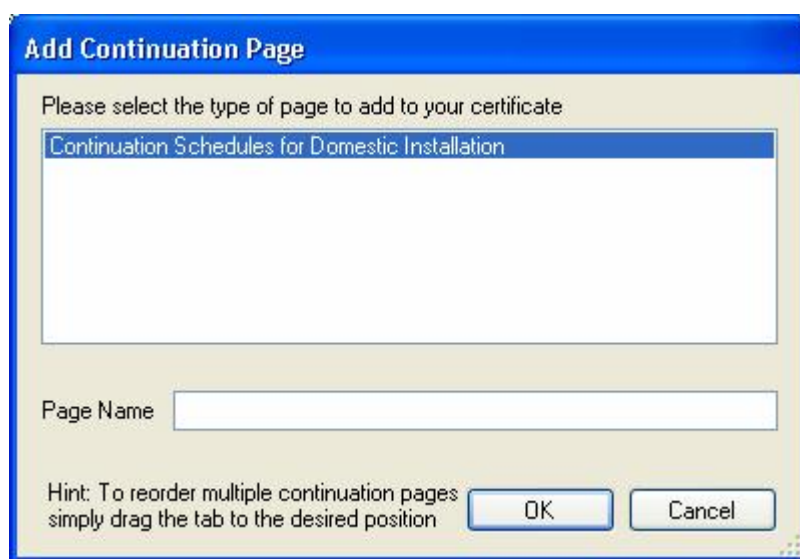


Figure 58: Example Add Continuation Page window

Select the type of Continuation Page (selection depending on Certificate type) and enter a **Page Name**, which must be unique within the Certificate, then **OK** to complete the action. A new tab with the Page Name and any associated Pages (and tabs) will be created.

To delete a Continuation Page, open the Certificate in the Certificates panel, select the Continuation Page tab that you wish to delete and open the context menu (right mouse click) and select **Delete Continuation Page**. After confirmation the Continuation Page (and tab) together with any associated Continuation Pages will be deleted.

Certificates uploaded to the PowerPlus 1557 tester will include all Continuation Pages for that Certificate, if they exist.

Certificates from the PowerPlus 1557 tester will contain all associated Continuations Pages, if they exist, and be displayed as described above.

The PowerPlus 1557 tester allows Continuations Pages to be created independently of a Certificate held in the tester. These will be processed correctly when downloaded to the program provided the associated Certificate exists in the currently open Certificate folder.

Find a Certificate

To quickly search for a Certificate by Certificate Reference or Certificate Number use the Find function.

The **Find** function is launched from the **Edit** drop down or **Find** icon. The following window will be displayed.



Figure 69: Find window

Enter the **Certificate Reference** or **Certificate Number** and select the appropriate radio button. Then select **OK** to find the Certificate.

Validating & Completing Certificates

Certificates can be validated to ensure they have been filled out correctly. To validate a Certificate use Certificate Explorer to locate the Certificate. Select the Certificate and open its context menu (right mouse click) and select **Validate**, this is also available from the **Certificate** drop down. The program will scan the Certificate and display a message indicating the result of the validation check.

A basic validation for Certificates is to ensure all blanks fields have an entry. To enable you to check this quickly there is a **Fill Blanks** feature available from the **Certificate** drop down.

Note

A successful validation is required before the Certificate Status can be changed to Complete

If the validation was successful, you will be given the option to change the Certificate Status to Complete.

Copying Certificates

While a Certificate can be reprinted if necessary, a new Certificate Number cannot be entered when the Certificate's Status is Complete.

For Certificates overprinted onto a Certificate form provided by a trade association (NICEIC, ECA, NAPIT) this would present a problem.

To record a new Certificate Number for a completed Certificate, the original Certificate can be copied. The new copy will have a Certificate Status of Incomplete, thus allowing editing and entry of a different Certificate Number when the Preview Print tab is selected.

To copy a Certificate, select the Certificate in the Certificates panel, then open the context menu (right-mouse click) and select **Copy...**

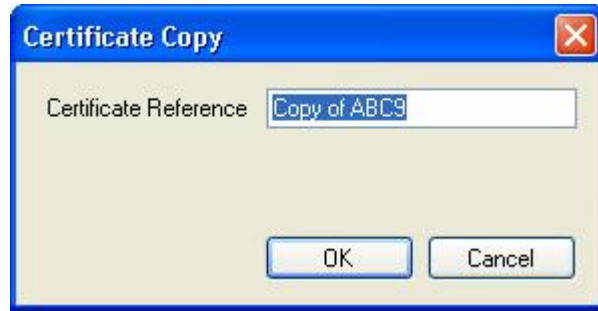


Figure 20: Certificate Copy dialog box

Enter a new **Certificate Reference** then select **OK**.

Note

The Certificate Reference is mandatory and unique for each Certificate

The new Certificate will be added to the Certificates panel. The new Certificate can then be edited, if required, or simply overprinted onto a new Certificate form at which time the new Certificate Number can be entered prior to printing.

Printing Certificates

When a Certificate is open in the Certificates panel, there is a Preview and Print tab. Selecting this tab will display a relevant Print Preference window with the Certificate Reference as a default Certificate Number, this can be changed or confirmed as the Certificate Number when selecting a print option.

Certificate Number

Each Certificate has a Certificate Reference (mandatory and unique to save the Certificate) and a Certificate Number (which becomes mandatory when printing), both can be changed: the Certificate Reference in the Certificates Panel by selecting the Certificate and opening the context menu (right mouse click) and selecting **Edit Reference**, the **Certificate Number** in the **Print Preference** window.

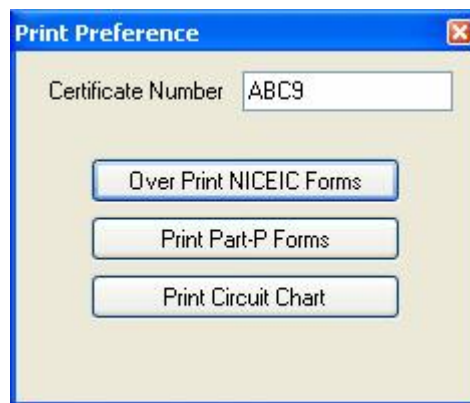


Figure 21: Example Print Preference window

Having ensured the **Certificate Number** is correct chose the appropriate print option to generate the Print and Preview.

The Certificate panel will become a full functioning Acrobat PDF Reader with all the features of that program.

For BS7671 and Part P Certificates a full Certificate (with background) will be displayed for printing on to blank paper.

The Print Circuit Chart button will print a summary of all the Distribution boards and circuits.

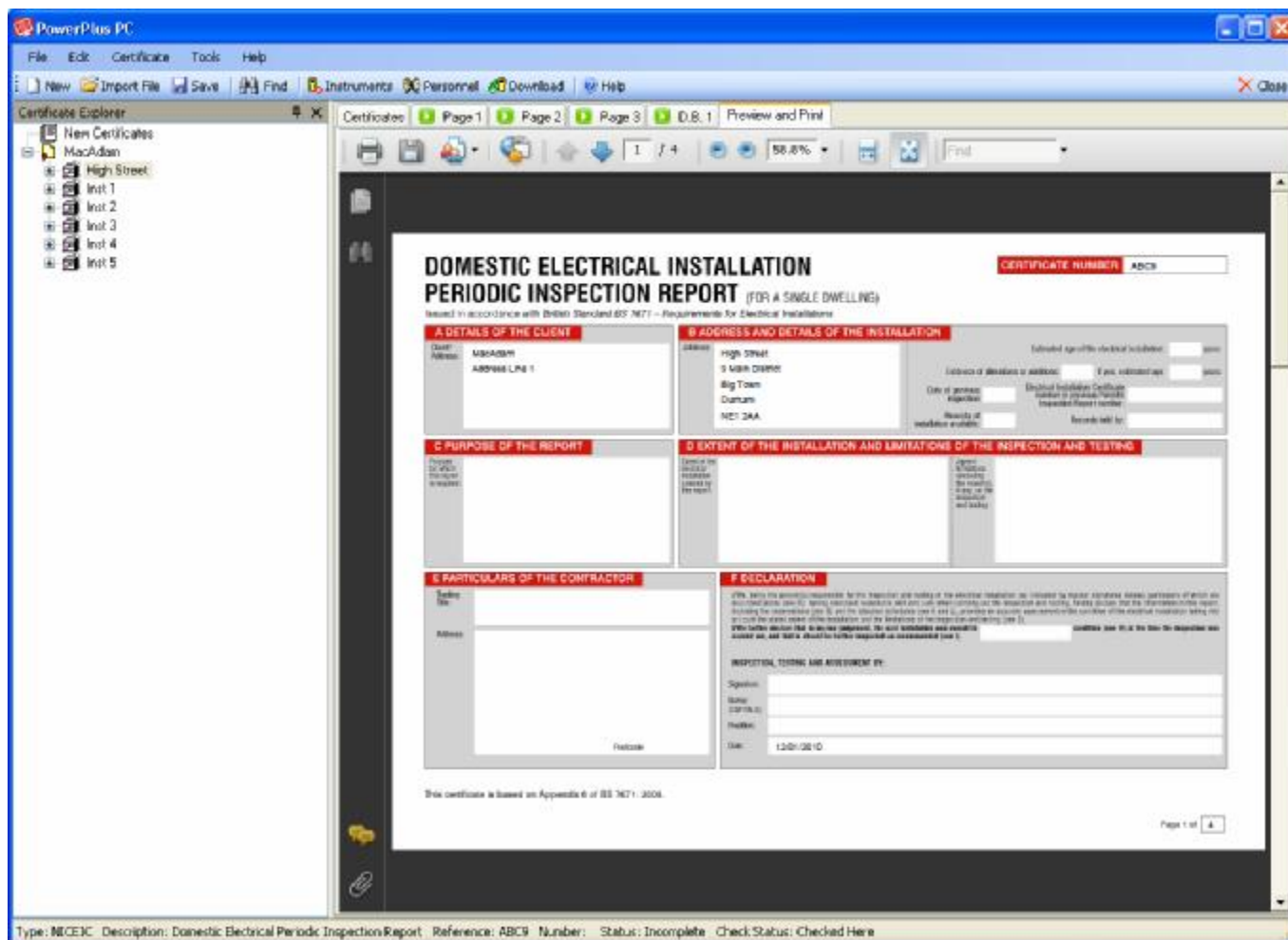


Figure 22: Example Print Preview window

For trade association Certificates i.e. NICEIC, ECA and NAPIT, the display will only contain information for fields on pre-printed forms for overprinting directly on to the Certificate.

For these Certificates, a window will advise the order that the forms should be loaded in the printer.

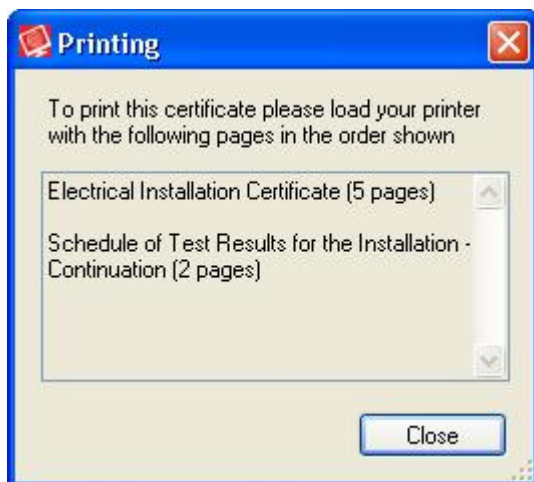


Figure 23: Example Printing window

Also a Printer Alignment message will normally be displayed (you can opt to not display this message).

Print Alignment

Print Alignment may be necessary, to take account of variability in print feed mechanisms when overprinting on to Certificates provided by trade associations (NICEIC, ECA, NAPIT).

Before overprinting Certificates it is recommended that you check and if necessary adjust the printer alignment. This should only be necessary once for each printer you use, although drift may occur as the printer feed mechanism ages.

To check printer alignment, overprint the Certificate onto a blank white page, then place the Certificate form over the top of the blank page print out, hold up to the light so you can see the field contents superimposed on the Certificate form and check all fields are within the designated areas of the form.

If print alignment is necessary, select **Printer Alignment** from the **Tools** drop down to display the following window.

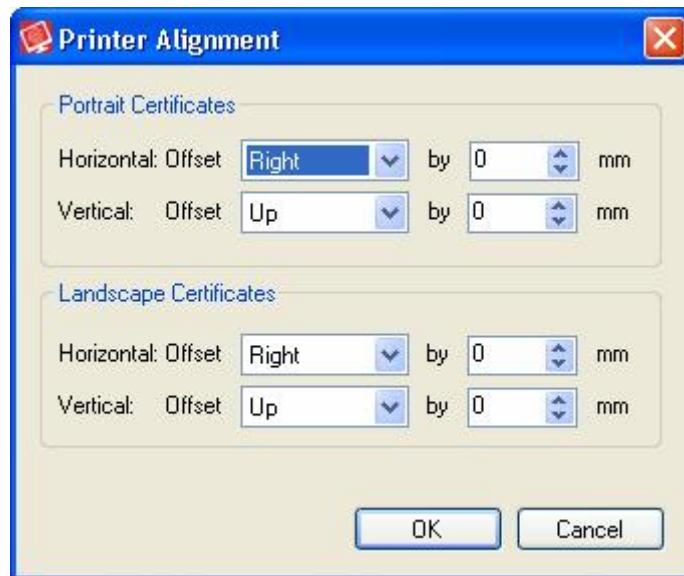


Figure 24: Printer Alignment Window

Adjust the alignment as appropriate, then check alignment as described above until the print positioning is correct.

Site Survey Forms

If the program is used with test instruments other than the PowerPlus 1557 tester, blank Certificates can be printed to take on site to record test and inspections.

To print Site Survey forms, ensure New Certificates is selected in Certificate Explorer then select the appropriate New Certificate. Open the New Certificate context menu (right mouse click) and select **Site Survey Forms**. A further selection will expand displaying the Certificate options available.

Note

Options will vary depending on Certificate selection.

Select either the full Certificate or one of the Continuation Pages associated with the chosen Certificate. A Print Preview of the selected Site Survey Form will be displayed in the Certificates panel from where it can be printed or saved as necessary.

Working with the PowerPlus 1557 Tester

One of the most important features of PowerPlus PC software is the ability to transfer Certificates to and from the PowerPlus 1557 tester.

Transferring Certificates from the PowerPlus PC program to the PowerPlus 1557 tester is termed Upload.

Transferring Certificates from the PowerPlus 1557 tester to the PowerPlus PC program is termed Download.

The PowerPlus PC program communicates with the PowerPlus 1557 tester via a Bluetooth connection. A Bluetooth adaptor is supplied for this purpose. Please ensure the Bluetooth adaptor software driver is properly installed and a connection established to the tester before attempting a Download or Upload. Refer to the Bluetooth adaptor and PowerPlus 1557 tester documentation for more information.

Transferring Certificates to test instrument

The Upload is launched from an individual Certificate context menu (right-mouse click). After selecting the appropriate Certificate, open the context menu (right mouse click) and select **Transfer Certificate . . .**

Note

It is only possible to Transfer a single Certificate at a time .Once a Certificate is uploaded or exported no editing of the Certificate is possible until it has been transferred back into the program.

The Transfer Certificate dialog box will be displayed.

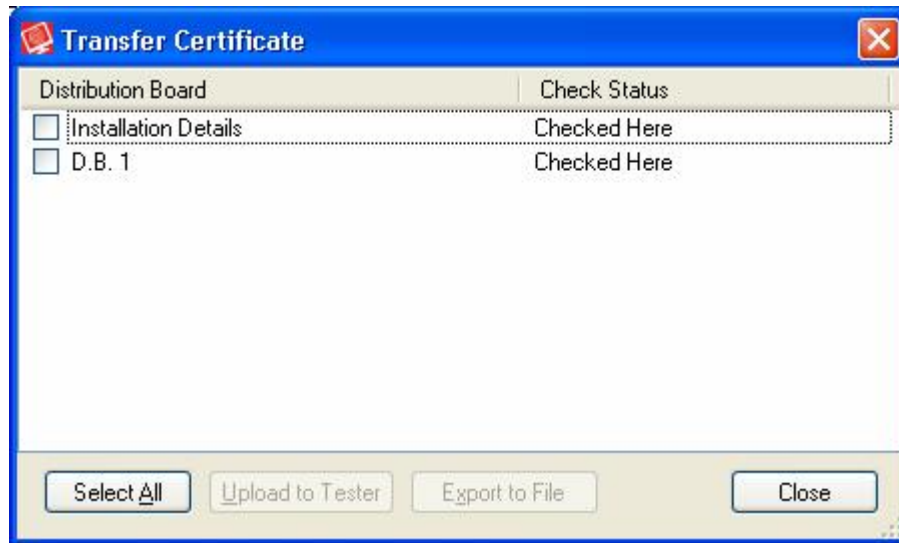


Figure 25: Transfer Certificate dialog box

Note that a certificate can consist of several parts. It is possible to transfer each part to a different test instrument. This feature allows several people to work on different parts of the certificate at the same time.

Tick the box next to the part you want to transfer. If it is possible to make the transfer then the **Upload to Tester** and the **Export to File** buttons will become available.

Click on **Upload to Tester** then the Communications dialog box will be displayed.



Figure 26: Communications dialog box

From the **COM Port** drop down, select the COM port provided by the Bluetooth adaptor. Select **OK** to start the Upload.

Note

Only COM ports that are free and available to the program will be included in the COM Port drop down.

Ensure the PowerPlus 1557 tester's Bluetooth connection is established to the appropriate **COM Port**, select **OK** to commence the upload action.

The program will request confirmation that the tester is ready to receive the Certificate (See the tester's Operating Instructions on how to do this). The Upload will commence after this message is acknowledged.

Downloading Certificates

Download is initiated from the **Tools** drop down or from the **Download** icon. Selecting either of these will cause the Communications dialog box to be displayed.

From the **COM Port** drop down, select the COM port for the Bluetooth adaptor . Select **OK** to start the Download.

Note

Only COM ports that are free and available to the program will be included in the COM Port drop down.

Ensure the PowerPlus 1557 tester's Bluetooth connection is established to the appropriate **COM Port**, select **OK** to commence the Download.

Then initiate the Download on the tester. See the PowerPlus 1557 tester's Operating Instructions on how to commence a Download action.

Transferring Certificates between Computers

The Transfer process is launched from an individual Certificate context menu (right-mouse click). After selecting the appropriate Certificate, open the context menu (right mouse click) and select **Transfer Certificate . . .**

Note

It is only possible to Transfer a single Certificate at a time .Once a Certificate is uploaded or exported no editing of the Certificate is possible until it has been transferred back into the program.

The Transfer Certificate dialog box will be displayed.

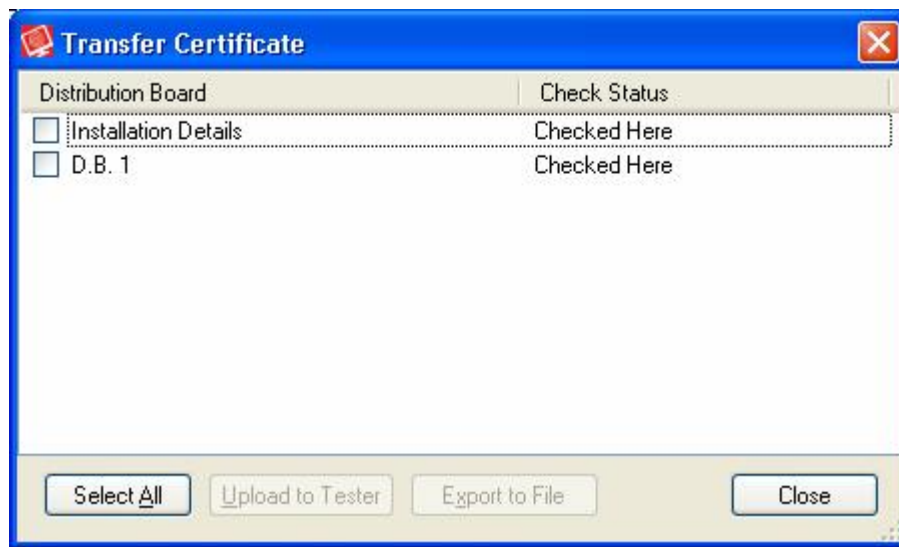


Figure 27: Transfer Certificate dialog box

Note that a certificate can consist of several parts. It is possible to transfer each part to a different test instrument. This feature allows several people to work on different parts of the certificate at the same time. Tick the box next to the part you want to export. If it is possible to make the transfer then the **Upload to Tester** and the **Export to File** buttons will become available.

From the Transfer Certificate dialog box, select the parts of certificate to be exported and then click on **Export to File** button.

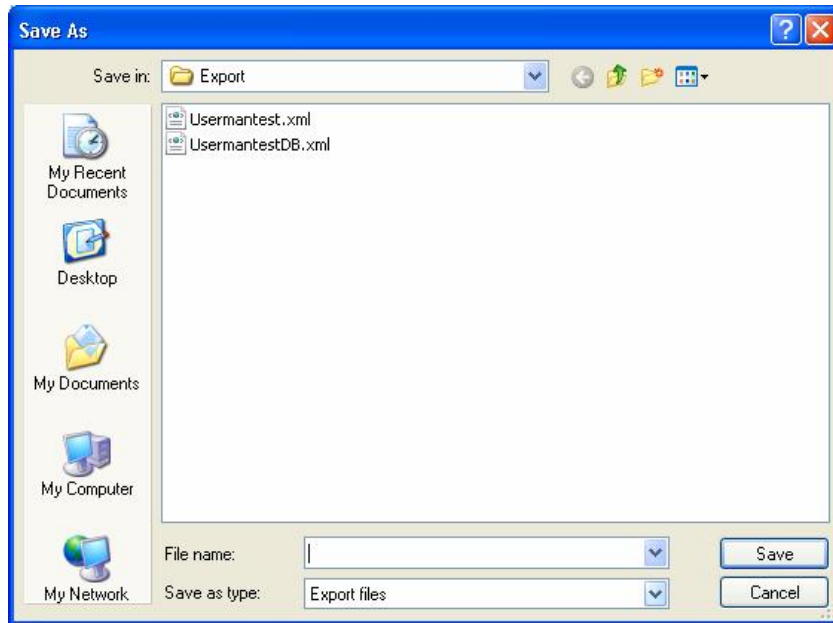


Figure 28: Export to File dialog box

Click on Save to store the certificate data in a named file. You can now send this file to another computer where it can be imported.

Importing Certificates

Import is initiated from the **File** drop down or from the **Import File** icon. Selecting either of these will cause the Import dialog box to be displayed.

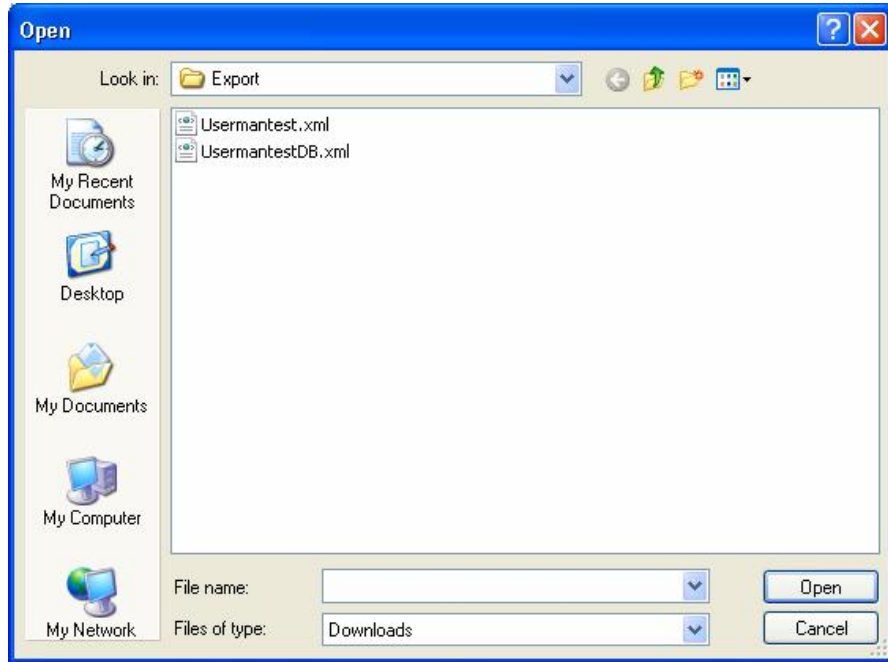


Figure 29: Import from File dialog box

Highlight the correct file and click on **Open**. The data in that file will now be processed in the same way as if it was being downloaded from a test instrument.

Differences between Vista and XP

The main difference to be aware of is in the sequence of events that occur.

With XP:-

1. On the tester select **Data Transfer** → **Certificate Data**.
2. The connection is made and the tester Bluetooth icon appears.
3. Then you can upload / download certificate data.

But with Vista:-

1. On the tester select **Data Transfer** → **Certificate Data**.
2. The egg-timer appears but there is no connection made.
3. On the PC select Download and open the Com port.
4. Now the connection is made and the tester Bluetooth icon appears.

If the Tester Won't Connect

Sometimes Vista will re-establish the outgoing COM port and this will occasionally stop the test instrument from connecting to the PC.

To fix this problem right-click on the “Bluetooth Devices” icon in the notification area. Select “Open Bluetooth Settings” and select the “COM Ports” tab. Select the Outgoing port and click “Remove”. The test instrument will now be able to connect.

Unprocessed Downloads

To protect Certificate data when Certificates are transferred back and forth to the PowerPlus 1557 tester there are some situations where some downloaded Certificates cannot be processed as Certificate information could be lost.

If this is the case, a warning message will be displayed.

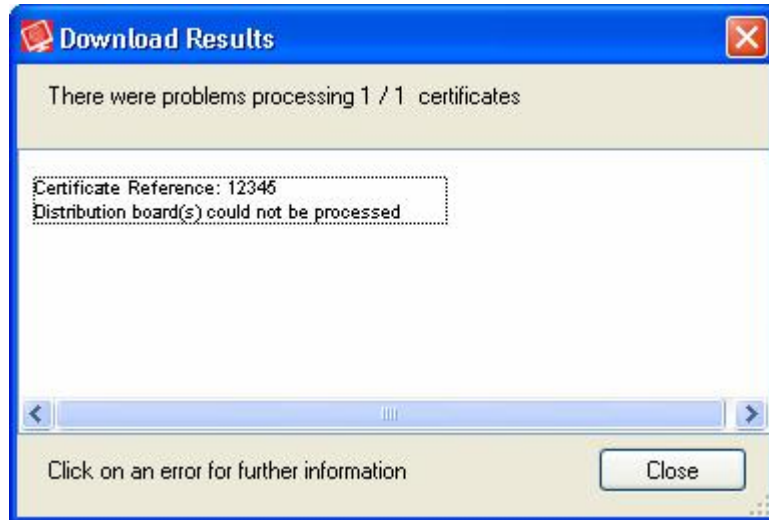


Figure 30: Example Unprocessed Download message

A short comment about the problem is displayed for each item listed. For more information on what might have caused the problem and how to resolve it, click on the error.

After following the advice for each individual problem, the certificate downloads which failed can be processed again. Select the **Unprocessed Downloads** option from the **Tools** menu. From the Unprocessed Downloads you can process the downloaded certificates which had previously not processed due to a problem.

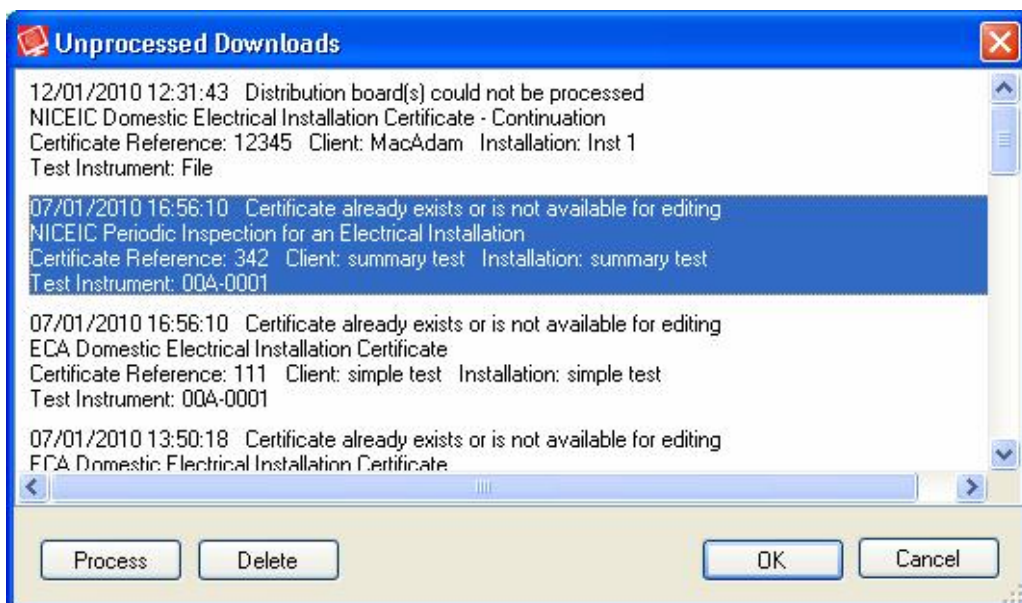


Figure 31: Example Unprocessed Downloads

Backup Manager

Certificates are very important to your business and should any loss occur the consequences would be serious. To reduce this risk, the program has a Backup facility.

Backups and restores are performed by the Backup Manager. The Backup Manager is started by selecting **Backup Manager** from the **Tools** menu.

In order to perform a backup select the **Backup** button. You are then prompted to enter a set of comments which will be displayed against the backup. When a backup is performed the date, time and comments are displayed in the Backup Manager main panel.

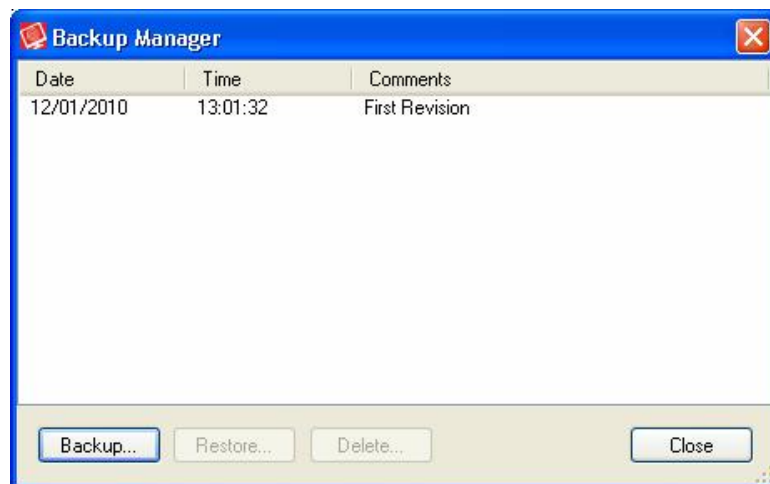


Figure 32: Backup Manager

When a backup is selected then the **Restore** and **Delete** options are made available. Selecting **Restore** will perform a restore of the highlighted backup. If a certificate already exists when a restore is being performed then a dialog box is shown asking whether the existing certificate should be over-written.

Selecting **Delete** will delete the highlighted backup.

Transferring the program licence to another PC

Once installed the program will be 'locked' to that computer and additional installations of the program will not activate with the original Serial Number.

Additional PC Licences are available to activate other installations of the program. Please see the Accessories section at the end of this manual.

It is possible to move the PowerPlus PC licence from one computer to another so that one program is disabled and the other becomes active.

To do this, install the program on the other computer and attempt to activate the program with the original Serial Number. Then simply select **Transfer...** at the **Login** window of the original computer to deactivate the original program.



Figure 33: Login – Transfer button

The **Transfer...** button will change to **Restore...** to enable the licence to be re-activated if necessary.



Figure 34: Login – Restore button

Another computer with PowerPlus PC already installed will now be able to run the program by selecting **Restore...** at its **Login** window.

To return to the original computer, select **Transfer...** to deactivate the licence. At the original computer select **Restore...** to re-activate the licence and run the program.

The above Transfer process requires an internet connection. If an Internet connection is not available on one or both computers then request a manual transfer by email to transfer@seaward.co.uk include the Serial Number of the program in the email.

Program Specification

The program group consists of:

Seaward PowerPlus PC – program launch

QuickStart Guide – computer copy of QuickStart Guide

User Manual – this User Manual

Tester Data Transfer Utility – copy of program provided on CD with PowerPlus 1557 tester

The program is fully compatible with the following testers:

PowerPlus 1557

Minimum System Requirements

IBM Compatible PC

Processor Speed 500MHz or higher

Microsoft Windows XP/Vista

32-bit operating systems

512MB RAM

60MB available hard disk space

Colour monitor with 32 bit colour or greater video card

CD ROM drive

Accessories

PowerPlus PC Additional PC Licenses	Part Number	375A914
Bluetooth Adaptor	Part Number	339A910
PowerPlus 1557 tester	Part Number	363A912

Warranty and Support

Seaward Electronic Ltd provide a 1 year warranty for this software package (see License Agreement). A pre-requirement for Warranty and Support is that ownership of the product is registered on the Seaward web site; www.seaward.co.uk

Telephone Support is provided free for the first 30 days. To receive Telephone Support after the initial 30 days, a Software Support Agreement would need to be taken out directly with Seaward Electronic Ltd.

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