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General

Introduction

This part of the manual describes system requirements to run WeldEye® and how to log on to the system. We also describes WeldEye® definitions and useful tip for you when using WeldEye®.

1.1 System requirements

Software:

- MS Windows
- Internet Explorer ver. 5.5 or higher
- Adobe Acrobat Reader

Hardware:

- Computer: Any computer supported by W98/2000/XP/Linux/ASP, with a processor that is 300 MHz or higher.
- Memory: Min 128 MB (RAM)
- Free hard disc space: Min. 10 MB.
- Line: Min double ISDN 128 k
- Monitor colour depth: 256 colours (Millions of colours recommended)
- Mouse: Three buttons mouse with a scrolling function.

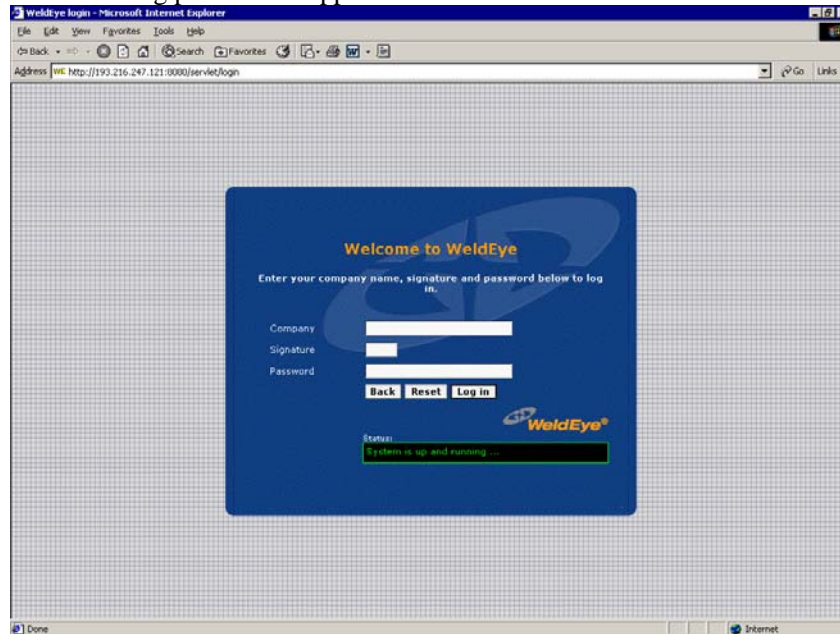
1.2 Login to WeldEye



Open Internet Explorer by clicking the [Launch Internet Explorer Browser.Ink](#) icon on your desktop or start menu.
Click on Favorites

Start WeldEye

The following picture will appear:



Insert the following in the field to the right of:

- Company: To be given by Weldindustry AS
- Signature: To be given by Weldindustry AS or System Administrator.
- Password: To be given by Weldindustry AS or System Administrator.

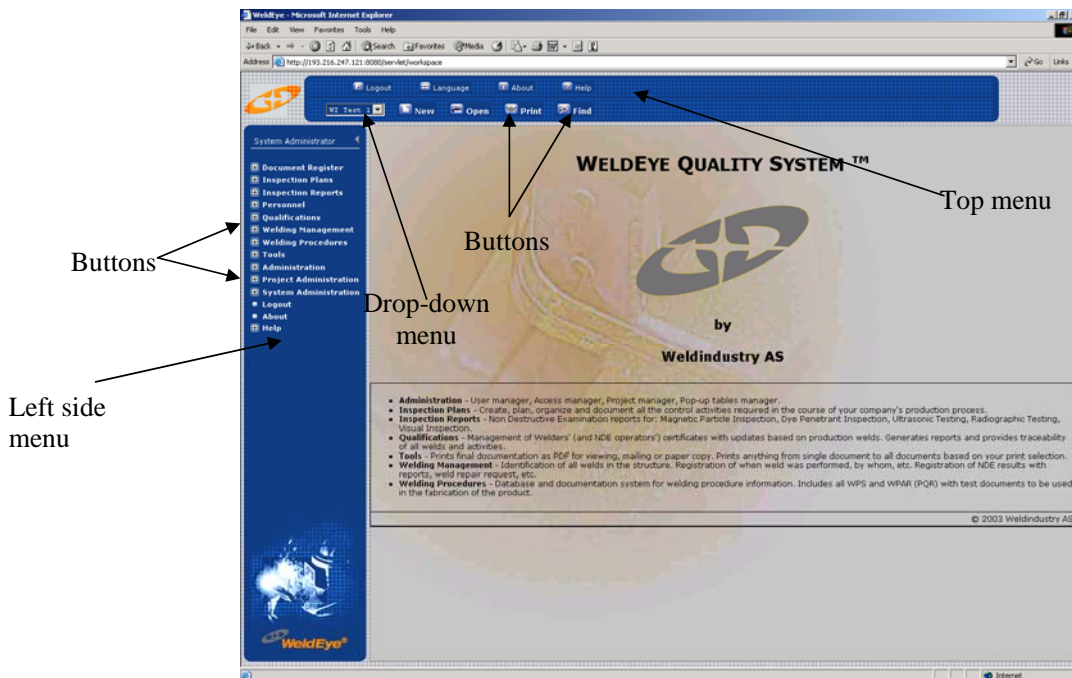
The following will appear on your screen:



You are now logged on to WeldEye Quality System as a System Administrator. System Administrator is usually the only person allowed to create users and give the users needed access to WeldEye. The marked field (1) in the picture tells you whom you are logged in as.

NB!! Normally, there is one person in your company that will be the System Administrator. This person got the authority to add users to WeldEye and give these users the needed rights for using WeldEye. How to add users and give users access to different parts of WeldEye is described in chapter 2.

1.3 Definitions



The figure above shows the WeldEye main menus and buttons.

1.3.1 Left side menu

The left side menu shows the main parts of WeldEye. The buttons in the left side menu which have icons with a “+”, means that something more will be visible if you click on the button. You may be used to double-click to activate when using other applications. In WeldEye, you only click once to activate.

The parts visible on the left side menu depend on what kind of access you got in WeldEye. If you for example have no access to the *Project Administration*, this part will not be visible for you when you log on to WeldEye.

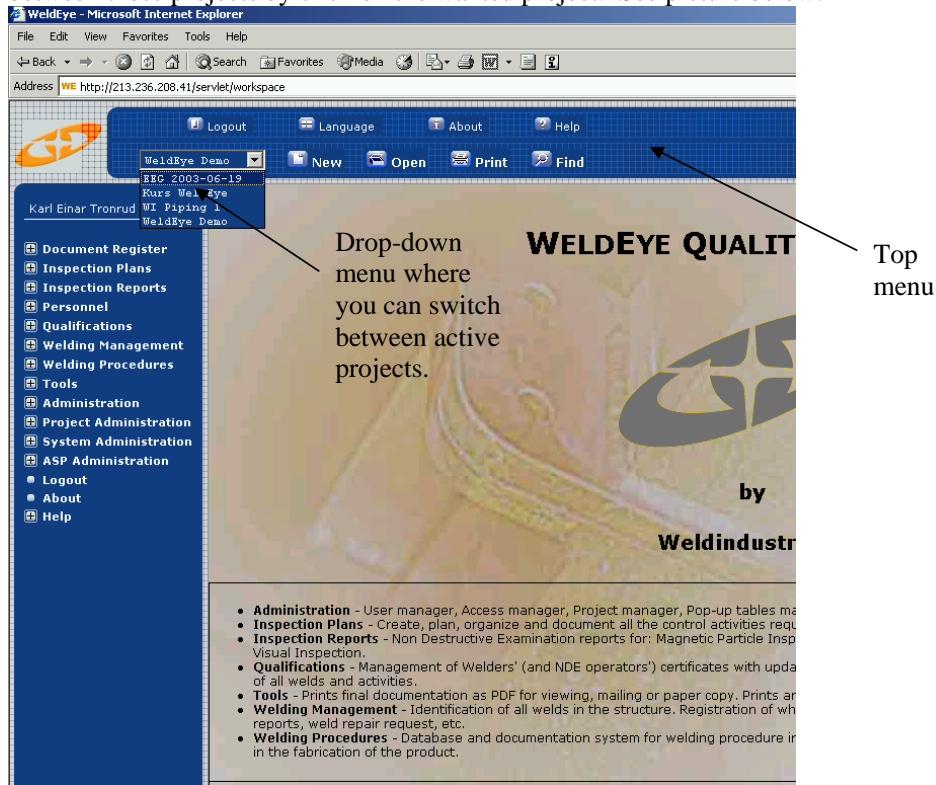
How the different parts of WeldEye are functioning is described in the chapters 2 to 10.

1.3.2 Top menu

The top menu shows one drop-down menu. The rest is buttons.

Drop-down menu:

If you click (Not double-click) at the down-arrow on the right side of the drop-down menu, you will see all the projects that are active. You can switch between these projects by click on the wanted project. See picture below.



Buttons:

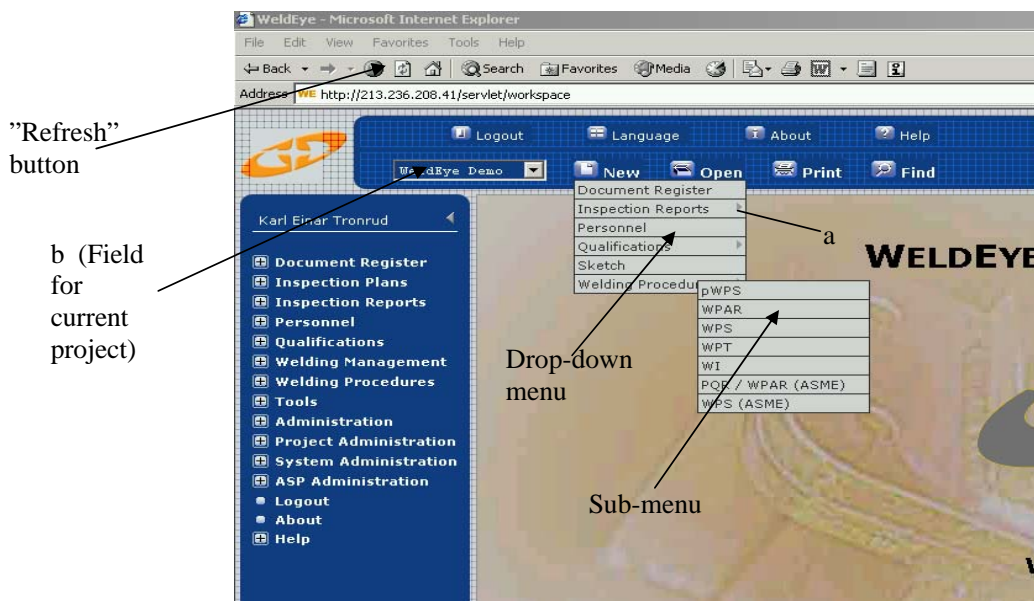
In the top menu there are two kinds of buttons. All buttons are links to a special function. In WeldEye, there are two kinds of buttons:

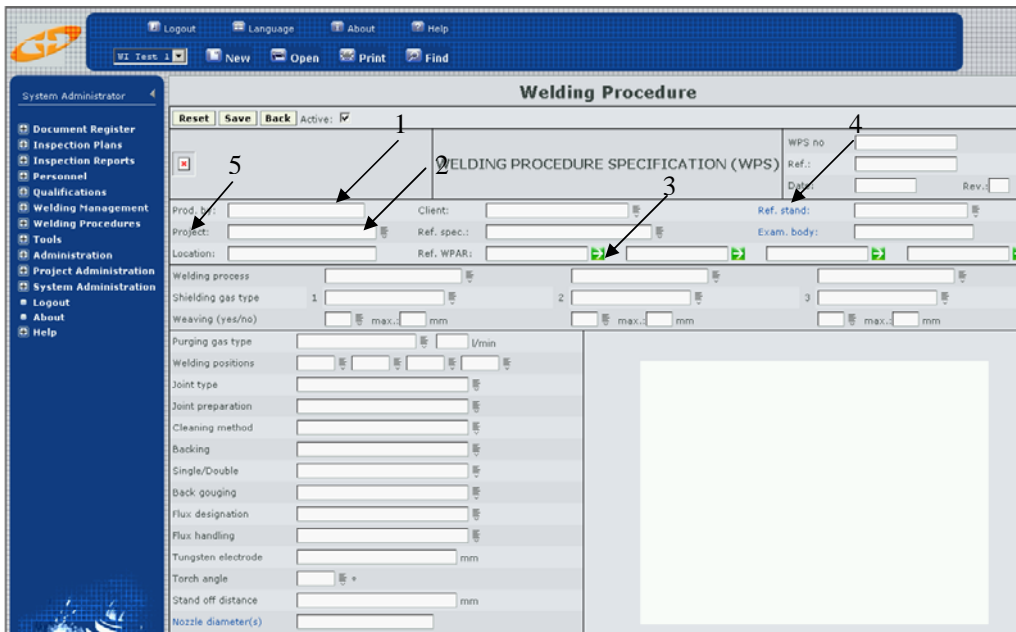
1. Link: You need to click on the link to perform an action.
2. Hot-link: A drop-down menu appears when your cursor touches the button.

Explanation to the buttons:

Name of button	Type of button	Explanation
<i>Logout</i>	Link	When you click on logout, you will log out of WeldEye. You will then see a window showing the text “Thank you for running WeldEye”. If you click on this text, you will come back to the WeldEye login window. This function is also available from the left side menu.
<i>Language</i>	Hot-link	To be used when you want to change language. Applicable languages today are English and Norwegian. When your cursor touches this button, the applicable languages will appear as a drop-down menu. Click on the preferred language. NB! You are required to click on the refresh button after changing language to switch to the chosen language. The refresh button is shown on the picture below.
<i>About</i>	Link	When you click on this button, information about current version number of WeldEye will appear. This function is also available from the left side menu.
<i>Help</i>	Hot-link	When your cursor touches this button a drop-down menu will appear. At this time the help function is limited. To be implemented later. This function is also available from the left side menu.
<i>New</i>	Hot-link	Can be used to create new documents. (Test reports, WPAR, WPS, WI, welder certificates, etc.) When your cursor touches this button a drop-down will appear. See picture below. Some of the fields in the drop-down menu show an arrow on the right. (a in the picture below) This arrow means that a sub-menu will open when your cursor touches this field. In the picture below, you can see the sub-menu of Welding Procedures is open. If you had clicked in the field for WPAR, a new WPAR would open. You also have the same function in the left side menu.
<i>Open</i>	Hot-link	Can be used when you want to open a Weld Summary List or an Inspection Plan List. When your cursor touches this button, a drop-down menu appears. You will now have the choice to open the Weld Summary List (WSL) or the Inspection Plan List (IPL). If you click on Weld Summary List, the WSL for the current project will open. You are now able to search for WSL by drawing no, section, serial no, etc. Please notify that the WSL or IPL for the project showed in the project field will be opened. This field is shown as b in the picture below. If you want to see a WSL for another project, This is one way to do it: 1. Click on the down-arrow to the left in the

Name of button	Type of button	Explanation
		<p>project field</p> <ol style="list-style-type: none"> Choose the wanted project Move your cursor to the <i>Open</i> button. Click on Weld Summary List. <p>You can now load WSL from the chosen project.</p>
<i>Print</i>	Hot-link	<p>Can be used when you want to print or e-mail documents.</p> <p>When your cursor touches this button, a drop-down menu appears. This button gives you three opportunities.</p> <ol style="list-style-type: none"> You can print the current document you are working on in WeldEye You can print documents you have marked in a list You can open the <i>Print Tool</i> to choose which documents to be printed. This option is normally used for printing final documentation for a project. <p>Further explanations are given in chapter 8.</p> <p>This function is also available from the left side menu.</p>
<i>Find</i>	Hot-link	<p>Can be used when you want to search for documents.</p> <p>When your cursor touches this button a drop-down menu appears. If you click on the field <i>Qualifications</i>, the search window “Search for certificates” will show.</p> <p>You are now able to search for certificates. This function is also available from the left side menu.</p>





The picture above shows a section of a new Welding Procedure Specification (WPS). This is what in WeldEye is called a document. A document can consist of:

1. Fields. This is where you can fill in information.
2. Fields with a drop-down menu. These fields have a mark to the right to show that this field is a drop-down field. The content in a field's drop-down menu is set in the *Pop-up Tables Manager*. How to administrate the content of the drop-down menus is described in chapter 3.
3. Button with hyperlink.
4. Term with hyperlink.
5. Term without hyperlink.

1.4 General use (Tip)

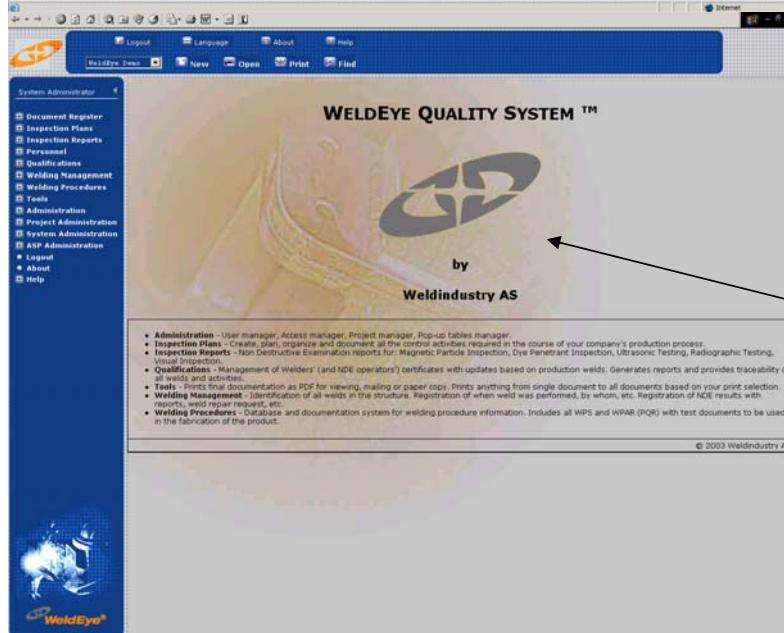
WeldEye® is build on new and modern technology. There are some general tips, which can make the use of WeldEye easier, and more time efficient.

Function key F11:

When you are logged on to WeldEye, you can press the F11 key on your keyboard. The result is a “bigger” screen. See the pictures below.

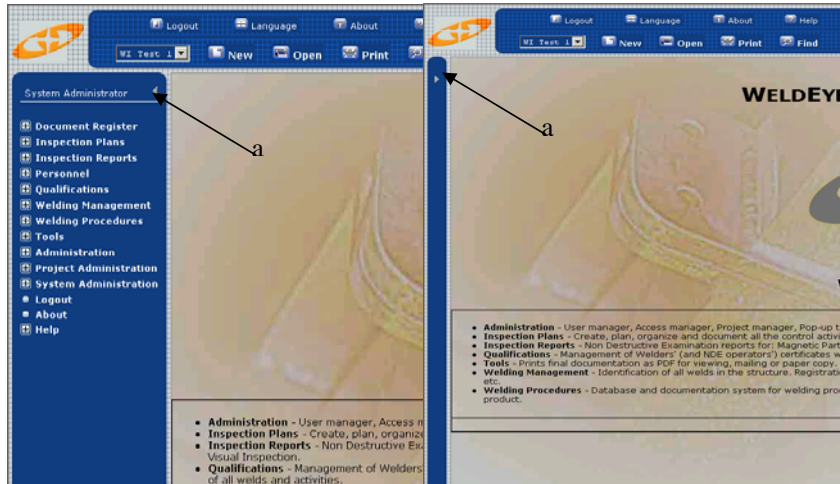


This area disappears when pressing the F11 key on your keyboard.



“Bigger” screen

You can also get a “bigger” screen if you click on the arrow placed on the top, to the right in the left side menu. (Marked with an a on the pictures below) The left side menu will then disappear. If you click on the arrow again, the left side menu will appear.



Use of tabulator key and arrow keys

To move between fields in WeldEye documents, you can either use your mouse or your keyboard.

Use of your keyboard:

- Tabulator key is used to move between fields. When pressing the tabulator key you will move to the next field in the document.
- To move backwards, you can hold in the Shift key, and then press the Tabulator-key. You will then move back one field in the document.
- Arrow keys are used to move up and down in the drop-down menus.
- When using the keyboard to make documents, the drop-down menus will open when you come to a drop-down field. You then use the arrow keys to navigate in the drop-down menu. When the wanted text in the drop-down menu is highlighted (blue), hit the Tabulator key. You have now chosen the text and moved to the next field. (See picture below)

Welding Procedure Specification (WPS) form. The 'Client' field is highlighted with a blue selection bar. An arrow points from the text 'Exxon is my choice.' to this field.

Exxon is my choice.

Welding Procedure Specification (WPS) form. The 'Ref. spec.' field is highlighted with a blue selection bar. An arrow points from the text 'Press the Tabulator key. Exxon is chosen and the next field is entered.' to this field.

Press the Tabulator key. Exxon is chosen and the next field is entered.

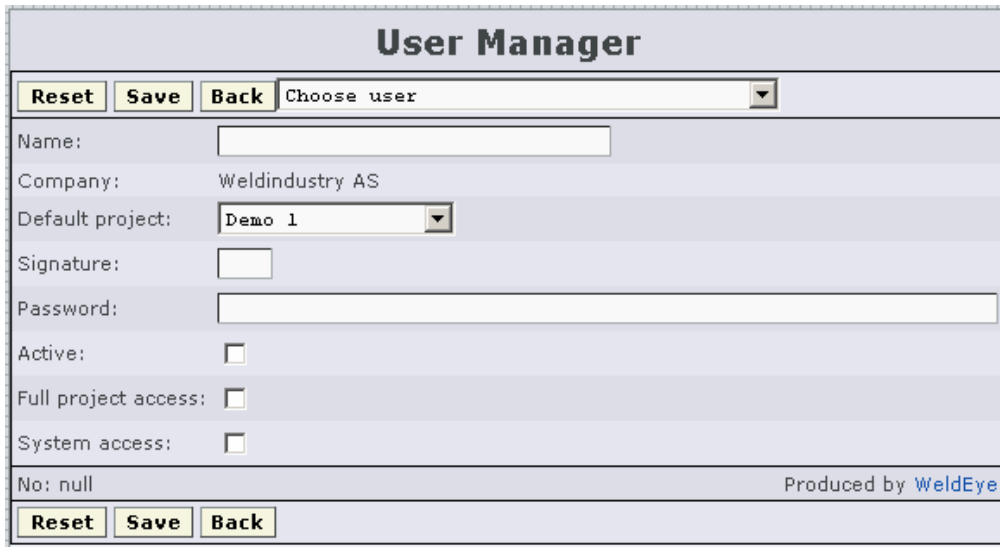
PS!! Always remember to save changes before leaving a document or other places information/data is inserted.

2. System Administration

2.1 Create users

Click on **System Administration** in the menu on your left. 2 boxes will show up as subtitles. (User manager and Access manager.)

Click on user manager. The following picture will be shown:



The screenshot shows a web interface titled "User Manager". At the top, there are three buttons: "Reset", "Save", and "Back", followed by a dropdown menu labeled "Choose user". Below this, there are several input fields and checkboxes:

- Name: [Text input field]
- Company: Weldindustry AS
- Default project: Demo 1 [Dropdown menu]
- Signature: [Text input field]
- Password: [Text input field]
- Active:
- Full project access:
- System access:

At the bottom, there is a footer area with "No: null" on the left and "Produced by WeldEye" on the right. Below the footer, there are three buttons: "Reset", "Save", and "Back".

You are now able to create users.

Explanation to the fields:

Name: Insert the name of the user you want to create.

Company: This field is locked. The name of your company will be shown.

Default project: Insert the project you want as default for the user. This project will be active when the user starts WeldEye. If several projects are registered in WeldEye, you can choose a project from the pull-down menu.

Signature: Insert the signature of the user you want to create. This signature will be shown in the documents the user signs in WeldEye.

Password: Insert the users password in this field. A correct combination of a user's Company, Signature and Password are required to log on to WeldEye.

Active:

If System Administrator wants the user to be active, let the tag stay visible. (Active is default) If not, click in the field, and then the user is inactive. When a user is set to inactive, the user got no access to WeldEye at all. This is the method used in WeldEye instead of deleting users.

The main reason for no possibility to deleting users is that your company will need to keep the documents a certain user has signed. The documents will still be visible in a signed condition even if a user is made inactive.

There may be different reasons why a company will make a user inactive; The user got another position in the company, the user have left the company etc.

Full project access:

If the user shall have access to all active projects in WeldEye, check (mark) the check box when creating the user. If for example a client shall have read access in WeldEye, you may not want him to read information in all your projects in WeldEye. When you create your client as a WeldEye user, mark this check box and he will not see any other information than for the project you set him up to. To define users in project is described in chapter 9.

System access: If tagged, user got system access. This means that the user got the right to create users and give the created users access to WeldEye.

If not tagged, user got no system access. (No system access is default)

NB!! Usually, there is one person in your company that got system access (System Administrator). This person got the authority to add users to the system, and give these users the needed rights for using WeldEye.

When you have finished create/edit a user, you are required to save to keep the changes. You save by clicking on the save button.

2.2 Give the users needed access

Introduction

Access to WeldEye can be given related to what function the user has in the organisation. Normally the Welding Engineer needs access to bigger parts of WeldEye than for example a person reporting NDE in production. WeldEye shall also secure that settings and documents in WeldEye cannot be made, edited, signed, deleted or red by unwanted personnel. Therefore WeldEye got an access manager used to set wanted/limited access at different levels for the personnel using WeldEye.

Usually there is one person in the organisation who is responsible for creating users, and give these users the access needed for them to perform their daily tasks. WeldEye call this person for a **System Administrator**.

The System Administrator got what in WeldEye is called a System Access.

This means that when purchasing WeldEye, the System Administrator with a System Access, is already set. The System Administrator needs to create new users and give these users access to WeldEye.

Give users needed access to WeldEye:

To open the Access Manager, please do the following:

1. Click on the *System Administration* button in left side menu (If not already open)
2. Click on the *Access Manager* button. The following picture will appear on your screen:



Click on the arrow to the right for Choose user. The drop-down menu will now show the created users.

Choose the wanted user. The following picture will appear on your screen:

Access Manager						
Reset	Save	Back	Choose user ▼			
DEMO USER (DU)						
MODULE NAME	ACCESS					
	None (-)	Read (r)	Write (w)	Sign (s)	Delete (d)	Special (s)
+ DOCUMENT REGISTER						
+ INSPECTION PLANS						
+ INSPECTION REPORTS						
+ PERSONNEL AND QUALIFICATIONS						
+ WELDING MANAGEMENT						
+ WELDING PROCEDURES						
+ WELDING PROCEDURES - TEST DOCUMENTS						
+ WELDING PROCEDURES - OTHER DOCUMENTS						
+ TOOLS						
+ ADMINISTRATION						
+ PROJECT ADMINISTRATION						
+ SYSTEM ADMINISTRATION						
						Produced by WeldEye
Reset	Save	Back				

The main topics of WeldEye are shown: *DOCUMENT REGISTER*, *INSPECTION PLANS*, *INSPECTION REPORTS*, etc.

As you can see, all of the topics got a + sign on their left. If you click on the + sign, a submenu will appear. This is where you set the wanted access for a user. *None* is the default access for a new created user.

Access Manager						
Reset Save Back		Choose user				
DEMO USER (DU)						
MODULE NAME	ACCESS					
	None ('-')	Read ('r')	Write ('w')	Sign ('s')	Delete ('d')	Special ('s')
- DOCUMENT REGISTER						
Reference Item	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
- INSPECTION PLANS						
Inspection Plan List	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
Master Inspection Plan	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-
- INSPECTION REPORTS						
Inspection Report for Magnetic Testing (MT)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-
Inspection Report for Penetrant Testing (PT)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-
Inspection Report for Ultrasonic Testing (UT)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-
Inspection Report for Radiographic Testing (RT)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-
Inspection Report for Visual Testing (VT)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-
Positive Material Identification	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-
- PERSONNEL AND QUALIFICATIONS						
Personnel Data	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
Certificates	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
Prolongation Tool	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
- WELDING MANAGEMENT						
Weld Summary List	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
Weld Information: Engineering	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
Weld Information: Production	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
Weld Information: Quality Inspection	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
Weld Repair Report	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	'S'; <input type="radio"/>
Requisition: Multiple NDE	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
Status Report: Graphical	<input checked="" type="radio"/>	<input type="radio"/>	-	-	-	-
Status Report: Welding, Testing, and Repair	<input checked="" type="radio"/>	<input type="radio"/>	-	-	-	-
- WELDING PROCEDURES						
Preliminary Welding Procedure Specification	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-
Weld Procedure Approval Record	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-
Welding Procedure Specification	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-
Weld Production Test	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-
Welding Instruction	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-
- WELDING PROCEDURES - TEST DOCUMENTS						
Test Document for Non-Destructive Examination	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-
Test Document for Destructive Examination	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-
Test Document for Hardness and Macro	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-
Test Document for Corrosion, Ferrite and Micro	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-
- WELDING PROCEDURES - OTHER DOCUMENTS						
Weld Procedure Layer	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
Weld Procedure Additional Page	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
- TOOLS						
Print Tool (Batch Print)	<input checked="" type="radio"/>	<input type="radio"/>	-	-	-	-
- ADMINISTRATION						
Pop-up Tables Manager	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
- PROJECT ADMINISTRATION						
Project administration	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
Project Manager	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
- SYSTEM ADMINISTRATION						
System Log	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-
Statistical Reports	<input checked="" type="radio"/>	<input type="radio"/>	-	-	-	-
Produced by WeldEye						
Reset Save Back						

Explanation to the different access levels:

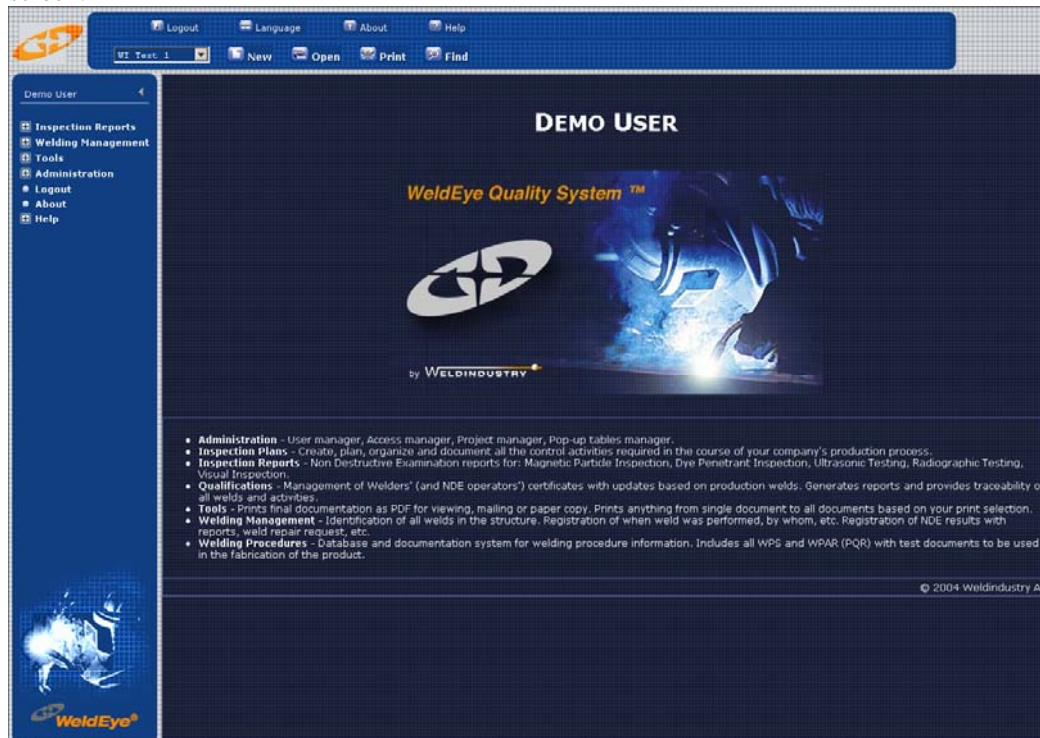
- *None:* The user has no access to this part of WeldEye.
- *Read:* The user has the access to read the information in this part of WeldEye.
- *Write:* The user has access to write in to this part of WeldEye.
- *Sign:* The user has access to sign document(s) in this part of WeldEye.
- *Delete:* The user has access to delete documents in this part of WeldEye.
- *Special:*

Example:

Access Manager						
<input type="button" value="Reset"/> <input type="button" value="Save"/> <input type="button" value="Back"/> Choose user <input type="text"/>						
DEMO USER (DU)						
MODULE NAME	ACCESS					
	None (-)	Read (r)	Write (w)	Sign (s)	Delete (d)	Special (S)
- DOCUMENT REGISTER						
Reference Item	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
- INSPECTION PLANS						
Inspection Plan List	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Master Inspection Plan	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
- INSPECTION REPORTS						
Inspection Report for Magnetic Testing (MT)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inspection Report for Penetrant Testing (PT)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inspection Report for Ultrasonic Testing (UT)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inspection Report for Radiographic Testing (RT)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inspection Report for Visual Testing (VT)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Positive Material Identification	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
- PERSONNEL AND QUALIFICATIONS						
Personnel Data	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Certificates	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Prolongation Tool	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
- WELDING MANAGEMENT						
Weld Summary List	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weld Information: Engineering	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weld Information: Production	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weld Information: Quality Inspection	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weld Repair Report	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input style="border: 1px solid black; border-radius: 50%; padding: 2px;" type="radio"/> S
Requisition: Multiple NDE	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Status Report: Graphical	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Status Report: Welding, Testing, and Repair	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
- WELDING PROCEDURES						
Preliminary Welding Procedure Specification	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weld Procedure Approval Record	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Welding Procedure Specification	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weld Production Test	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Welding Instruction	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
- WELDING PROCEDURES - TEST DOCUMENTS						
Test Document for Non-Destructive Examination	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Test Document for Destructive Examination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Test Document for Hardness and Macro	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Test Document for Corrosion, Ferrite and Micro	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
- WELDING PROCEDURES - OTHER DOCUMENTS						
Weld Procedure Layer	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weld Procedure Additional Page	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
- TOOLS						
Print Tool (Batch Print)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
- ADMINISTRATION						
Pop-up Tables Manager	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
- PROJECT ADMINISTRATION						
Project administration	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Project Manager	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
- SYSTEM ADMINISTRATION						
System Log	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Statistical Reports	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Produced by WeldEye						
<input type="button" value="Reset"/> <input type="button" value="Save"/> <input type="button" value="Back"/>						

System Administrator has set access to Demo User as shown above. The access can for example apply for an NDE operator.

When this user logs on to WeldEye, the user will see the following picture on the screen:



Please note that buttons in the left side menu disappears.

This user got access to:

- Sign Inspection Reports MT, PT, RT and VT.
- Read Inspection Reports UT and PMI
- Read information in Weld Summary Lists (WSL).
- Read information in Weld View (WV) Engineering and Production.
- Sign in WV Quality Inspection.
- Read Weld Repair Reports.
- Write NDE requisitions
- Access to the Print Tool.

Conclusion: The left menu will have an increased or decreased number of visible buttons depending on given access.

3 Administration

Introduction

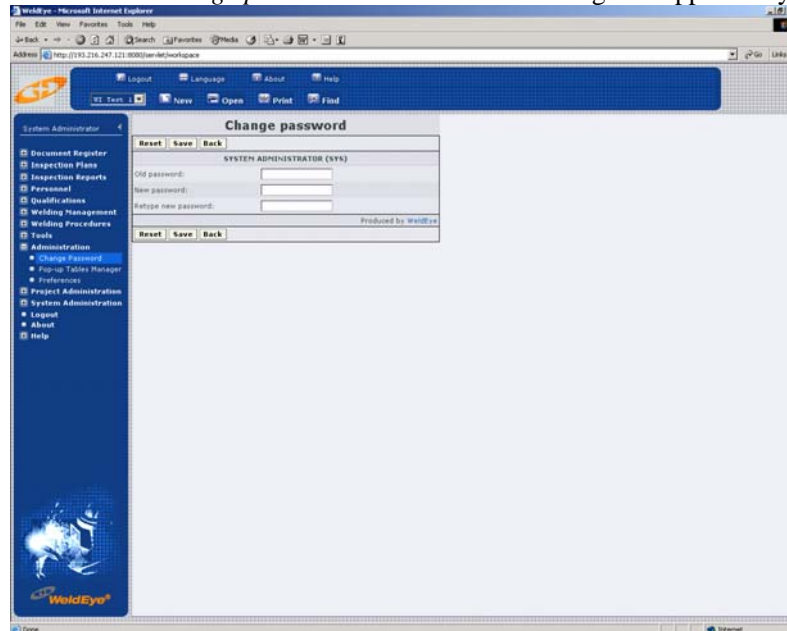
In this part of WeldEye you will be able to:

- Change your password
- Edit pop-up tables
- Adjust your preferences

3.1 Change password

Click on the *Administration* button on the left side menu.

Click on the *Change password* button. The following will appear on your screen:



You are now able to change your password.

- Insert your old password.
- Press the tabulator key on your keyboard to move to the next field, which is *New password*.
- Insert your new password.
- Press the tabulator key on your keyboard to move to the next field, which is *Retype New password*.
- Insert new password one more time to confirm new password.
- Click on the *Save* button to save new password.

You have now changed your password.

3.2 Pop-up tables manager

Introduction

In this part of WeldEye you can administrate the content in the pop-up menus you will find in several documents available in WeldEye.

The purpose with the pop-up tables manager is to make it possible for your Company to standardize the content in the different documents in WeldEye. When you have added your information in the Pop-up Tables Manager, it will be much quicker for the users to make required documents.

Many fields in the different documents in WeldEye are made as pop-up fields. This means that you can add information into the Pop-up Tables Manager. The added information will then be available in the documents this pop-up is related to. If some pop-up fields are blank in a document, for example in a WPS, the reason is that you haven't added anything in the pop-up tables manager up front. More detailed explanations will be given later in this chapter.

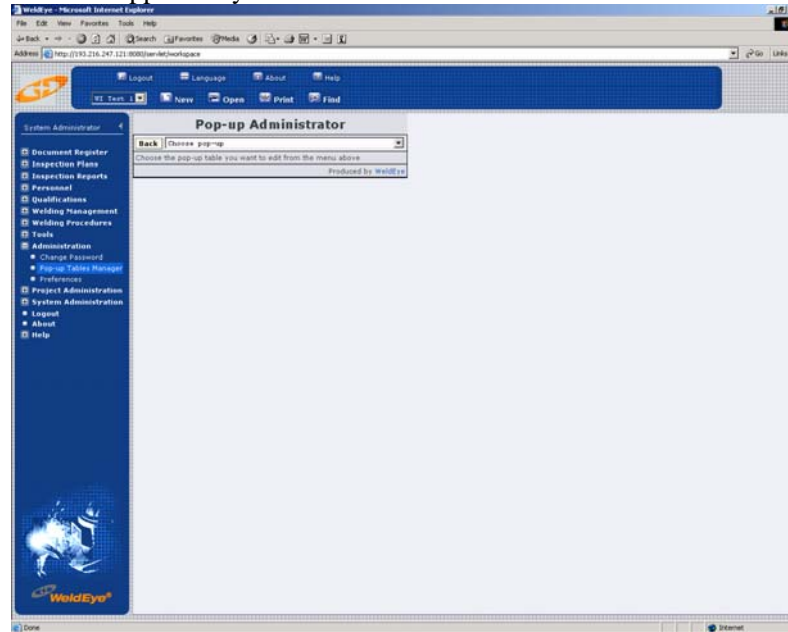
Pop-up menus are available in different fields in several documents in WeldEye, pWPS, WPAR, WPS, WI, WPT, NDE reports, Weld Summary Lists, welders certificates etc.

How to open the Pop-up tables Manager:

Click on the following on the left side menu:

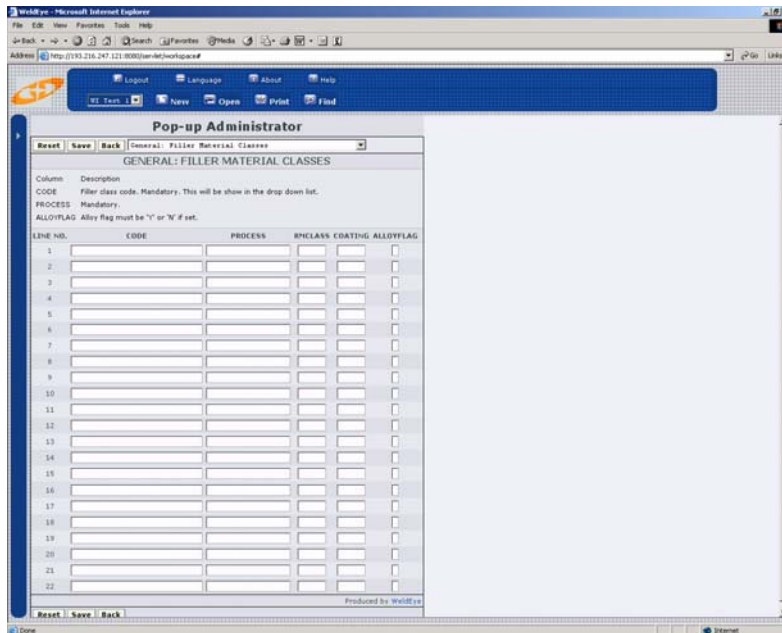
- *Administration*
- *Pop-up Tables Manager* (Access is required. If the button *Pop-up Tables Manager* is not visible, you have no access to edit pop-up tables)

This will appear on your screen:



The pop-up Administrator is available, and you can now start editing the different pop-ups.

- Click on the down-arrow to the right of Choose pop-up.
The drop-down menu is open, and you will see all of the pop-ups available. If you click on "General: Filler Material Classes, the following will appear on your screen:



3.3 Preferences

Preferences can be used to:

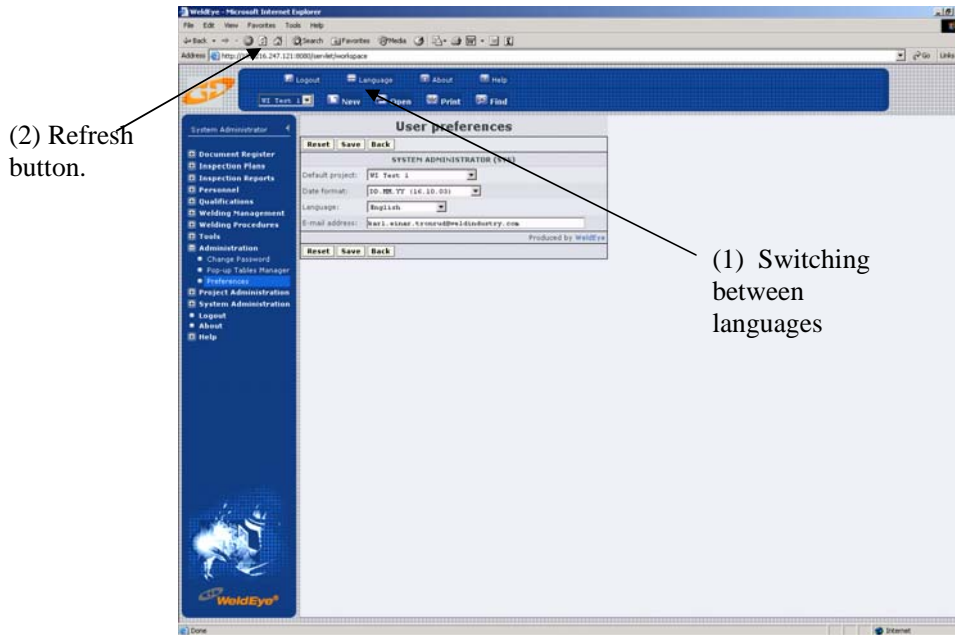
- Choose the project you want WeldEye to open when you log on to WeldEye.
- Choose what kind of date format to be shown when using WeldEye.
- Choose if WeldEye shall be in English or Norwegian.
- Choose which e-mail address you want as default in the print tool.

How to open the *Preferences*:

Click on the following on the left side menu:

- *Administration*
- *Preferences*

The following picture will appear on your screen:



Explanation to the fields:

- *Default project:* This field contains a drop-down menu. You can click on the down- arrow to the right of the field, and the content in the drop-down will be visible. (Depends on what projects is set in the *Project* manager) From the drop-down menu you can choose one of the projects available. You choose a project by clicking on it. When you log in to WeldEye, the chosen project will be the active one.

- *Date format:* This field contains a drop-down menu.
You can click on the down- arrow to the right of the field, and the content in the drop-down will be visible.
You can choose between American date format and different European date formats.
From the drop-down menu you can choose preferred date format.
You choose a date format by clicking on it.
When you log in to WeldEye, the chosen date format will be used in all documents in WeldEye.

- *Language:* This field contains a drop-down menu.
You can click on the down- arrow to the right of the field, and the content in the drop-down will be visible.
You can choose between English and Norwegian languages..
From the drop-down menu you can choose preferred language.
You choose language by clicking on it.
When you log in to WeldEye, the chosen language will be used.
Note: You can also switch between languages by clicking the language button (1), and then click on refresh (2 on the picture above)

- *E-mail address:* This is where you set the wanted designation for printing of documents. Inserted e-mail address will automatically show up in the print tool.

4. Welding Procedures

Introduction

In this part of the user guide, it will be described how to:

- Create new documents
- Revise existing documents
- Use the sketch library
- Use the drawing tool
- Search for existing documents


Currently supported document layouts are:

- o EN 288 pWPS
- o EN 288 WPAR
- o EN 288 WPS
- o EN 288 WPT
- o EN 288 WI
- o ASME PQR
- o ASME WPS

4.1 Create new documents

4.1.1 Open a new document

To open a new document, you have two options:

1. From the left side menu
 2. From the top menu
1. From the left side menu
 - a. Click on the *Welding Procedure* button.
 - b. Click on *New*
 - c. Click on the wanted document layout. In this case pWPS.
 2. From the top menu
 - a. Move your cursor to the  button. A sub menu will appear.
 - b. Move your cursor to *Welding Procedure*. A sub menu will appear.
 - c. Click on the wanted document layout. In this case pWPS.

An empty document (pWPS) will appear on your screen:

Welding Procedure

Reset Save Back Active:

PRELIMINARY WELDING PROCEDURE SPECIFICATION (PWPS) pWPS no:
Ref.:
Date: Rev.:

Prod. by: Client: Ref. stand:
Project: Ref. spec.: Exam. body:
Location: Ref. WP:

Welding process:
Shielding gas type 1: 2: 3:
Weaving (yes/no) max.: mm max.: mm max.: mm

Purging gas type: U/min
Welding positions:

Joint type:
Joint preparation:
Cleaning method:
Backing:
Single/Double:
Back gouging:
Flux designation:
Flux handling:
Tungsten electrode: mm
Torch angle: °
Stand off distance: mm
Nozzle diameter(s):
Task welding proc.: Rev.:

Identification of parent metal I: C max: CE max: PCM max: II: C max: CE max: PCM max:

Part	Name/Grade	Standard	Group	Delivery cond.	Thickness range [mm]	Diameter range [mm]
I	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/> - <input type="text"/>
II	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/> - <input type="text"/>

Identification of filler metal

Index	Trade name	Classification	Group	Filler handling
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Welding Parameters Equipment:

Pass no.	Index	Dia [mm]	Welding process	Wire feed speed [m/min]	Current [A]	Voltage [V]	Current / Polarity	Welding speed [mm/min]	Run-out length [mm]	Gas [l/min]	Heat input [kJ/mm]
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Heat treatment Method:

Preheat min: °C Interpass temp. max: °C Heat treatment proc.: Temp. control:
PWHT min: °C max.: °C Soaking: min/mm Heating rate: °C/h Cooling rate: °C/h

Remarks:

Additional info enclosed (Yes/No):
Date/Signature:
Approved:

Reset Save Back Produced by WeldEye

As shown above, only three buttons are visible in the top. (1). When saving the document, more buttons will appear. Note that the field Prod. by (2) is mandatory (must be filled in) before you are able to save.

In the document there are fields with and without drop-down menus. If a field not contains drop-down menu, no icon is showed to the right of the field. (2)

If the field contains a drop-down menu, an icon is shown to the right of these fields. (4)

There are also Go buttons in the document. The Go button is shown to the right of the field. (3). If a document number is referred to in a field, the document will open in a new window directly. The referred document must of course exist in WeldEye.

The documents includes an area for sketches (5)

4.1.2 Explanation of the buttons

Reset

Click here to remove the text inserted after last time you saved.

Save

Click her to save the document

Back

Click here to go to the previous page.

Active:

The document is set to *active*. Remove the tag by click on it. The document is then *inactive*. Instead of deleting the document, you can set it to inactive. The document is still in the database and it's possible to search for inactive documents.

4.1.3 Explanation of the fields

The fields in the different documents are very much the same. The following describes the terms in a general manner.

pWPS no Insert the documents number in this field.

Ref. If you need to insert any reference in the document, insert it here.

Date This field is not for editing. The date will automatically show when you save the document. Requires that you have inserted a date in the *date* field (6), and your signature in the *signature* field (7).

Rev. Insert the document revision number in this field.

- Prod. by* Enter who made this document. What you type in to this field is optional. Usually your Company name or the name of the person who make the document is entered.
- Client* Insert the name of the Client. If the document is to be made in a more general manner, you can for example assign it as a general document or an internal document.
- Ref. standard* Insert a reference to a standard. The procedure must fulfill the requirements in the stated standard. Examples of standards to be filled in can be:
EN 288-3, ASME IX, NORSOK M-601 etc.
- Project* Insert the name of the Project this procedure shall be used on. If the document is to be made in a more general manner, you can for example assign it as a general document or an internal document.
- Ref. spec.* Possibility to insert a reference to a specification. Many clients have additional welding requirements in a project specific specification. Several companys have their own internal specifications. If so, you can insert a reference to the specification(s) in this field. The field can also remain empty.
- Exam. body* If the procedure is approved by, or tested by a third party, you can enter the name of the examination body in this field.
- Location* Insert your Company location. Usually the name and / or the location of the company who welds the qualification test is inserted in this field.
- Ref. WP* If you want to refer to another welding procedure, insert the WP name in this field. You can refer to four different documents. The fields have Go buttons (3) to the right, which means that the referred document will open directly in a new window when you click on the Go button. The referred document must of course exist in WeldEye.
- Welding Process* Insert the name of the welding process. Three processes for each procedure are supplied.
- Shielding gas type* Insert the name of the shielding gas for each welding process.
- Weaving (yes/no)* State yes or no. If yes, state the width of the weaving.
- Purging gas type* State the name of the purging gas, if any.
- Welding positions* State the welding position(s) to be used for a qualification or to be used in production.
- Joint type* State what type(s) of joint the welding procedure applies for.

<i>Joint preparation</i>	Describe how to do the joint preparation.
<i>Cleaning method</i>	Describe how to clean the joint before welding
<i>Backing</i>	Describe if backing shall be / are used. If used, enter the type.
<i>Single/Double</i>	State if the procedure applies for single sided welding, double sided welding, or both.
<i>Back gouging</i>	Describe how to do the back gouging, if any.
<i>Flux designation</i>	State the flux designation, if used.
<i>Flux handling</i>	Describe how to handle the flux. You can also refer to a procedure for handling of filler/consumables in this field.
<i>Tungsten electrode</i>	Describe what Tungsten type and size used or shall be used.
<i>Torch angle</i>	State the torch angle used or shall be used. (Different torch angles depending on welding processes.)
<i>Stand off distance</i>	State the stand off distance
<i>Nozzle diameter</i>	State the nozzle diameter here. Internal nozzle diameter is the most correct diameter to enter.
<i>Tack welding proc.</i>	If a procedure for the tack welding is or shall be used, enter the name of the procedure here.

Identification of parent metal

<i>C max:</i>	Max permitted carbon content in the parent material to be welded.
<i>CE max:</i>	Maximum permitted carbon equivalent of parent metal to be welded on. Value is based on actual CE at parent metal used for qualification of welding procedure and permitted variable given in standard the welding has to take place in accordance with.
<i>PCM max:</i>	Maximum permitted PCM of parent metal to be welded. Value is based on actual PCM content at parent metal used for qualification of welding procedure and permitted variable given in standard the welding has to take place in accordance with.
<i>Part</i>	Part I and Part II are references to the two parent metals to be welded together. Can also be referred to on the sketch. Information about the two parts are given in the fields: Name/grade, Standard, Group, Delivery cond., thickness (range) and diameter (range).

- Name/grade* Identify trade name of parent metal to be joined. (For Part I and Part II.
- Standard* Identify the standard that parent metal has been produced in accordance with.
- Group* Identify what material group the material belong to. The material group can be in accordance with EN 288 standard when using EN 288 document layout. When using ASME IX layouts, use the ASME IX material group numbers. (P-no or S-no)

Note! If pop-up table manager “General: Materials” is filled in properly, it’s only required to choose the name/grade from the drop-down menu. The fields Standard, Group and Delivery condition will be filled in automatically.

Delivery cond. Identify what delivery condition to the parent material welded.
Examples of delivery conditions: Normalized, Quenched and tempered, Solution annealed etc.

Thickness Range Insert the thickness range for this procedure. If a WPAR, insert the thickness of the parent metal used for the qualification.

Diameter Range Insert the diameter range for this procedure. If a WPAR and a tube, insert the diameter of the tube used for the qualification. According to EN 288, the outside diameter shall be stated.

Identification of filler metal

Index A number you are required to refer to in the area for welding parameters. Index 1,2 or 3. This means that three different fillers can be reported.

Trade name Insert the name of the filler name. The trade name is usually the name given in the filler catalogue. Elgacore DWA 55 LSR and ESAB OK 48.08 are examples of fillers trade name.

Classification The fillers classification shall be entered in this field. The classification is usually found in the filler catalogue.

Group

Filler handling Enter how the filler belonging to actual index shall be handled. You can also refer to a procedure or a specification for filler handling.

Note! If pop-up table manager “General: Filler Materials” and “General Filler Material (Wires)” is filled in properly, it’s only required to choose the trade name

from the drop-down menu. The fields **Classification, Group and Filler handling** will be filled in automatically.

Welding parameters

- Equipment* Insert type of equipment used or shall be used
- Pass no* Insert the pass number for the welding parameters this pass or passes applies for. 9 lines are supplied.
- Index* Insert the index for the filler to be used. Must correspond with the index given in *Identification of filler material*.
- Dia [mm]* Insert the diameter for the actual filler to be used.
- Welding process* Insert the actual welding process to be used
- Wire feed speed [mm/min]* Insert the wire feed speed if necessary. Applies for automatic or semi automatic processes.
- Current* Insert the wanted current for this pass. You can insert a single current value or a current range.
- Voltage* Insert the wanted voltage for this pass. You can insert a single value or a range.
- Current/ Polarity* Identify what type of current used and the polarity. Examples of current types are Alternating Current (AC) and Direct Current (DC) Examples of polarity are electrode negative (-) and electrode positive (+)
- Welding speed* Insert the welding speed in this field. You can apply a single value or a range.
- Run out length* When using the welding process 111 (EN 288) SMAW (ASME IX), the run-out length can be entered.
Run out length: After welding one covered electrode, measure the length of the weld metal.
- Gas [l/min]* Insert the gas flow for the shielding gas.

Heat input The heat input is calculated automatically provided that the Current, Voltage and welding speed is entered. You can also enter the heat input manually by typing it in to the fields. It's also possible to set a factor for each welding process. To be done in the *Pop-up tables manager*, "Welding Procedures: Welding Process"

4.1.4 Copying of lines



It's possible to copy data from one line and paste the data into another line. This can be done by use of the buttons below.



Button for copying a line



Button for paste a copied line

1. Go to the line you want to copy from, and click on the  button.
2. Go to the line you want to paste the data in to, and click on the  button.

To delete a line, copy an empty line and paste it in to the line you want to delete.

Heat treatment

Method Insert method used or method to be used for the heat treatment. (Electrical heating, propane etc.)

Preheat min. Insert the minimum preheat temperature for this procedure.

Interpass temp. max Insert maximum permitted temperature before welding of the next pass can start.

Heat treatment proc. In this field, you can refer to a heat treatment procedure, if any.

Temp.control Identify how to perform the temperature control for the preheat temperature and/or interpass temperature.

PWHT min. °C Identify the minimum temperature for the Post Weld Heat Treatment

Max. °C Identify the minimum temperature for the Post Weld Heat Treatment

Soaking mm/min Identify the PWHT temperature holding time.

Heating rate °C/h Identify the speed of heating up to holding temperature.

Cooling rate °C/h Identify the speed of cooling from holding temperature, after PWHT holding time

Remarks In this field you can enter additional information.

Date/Signature



Button for open the calendar

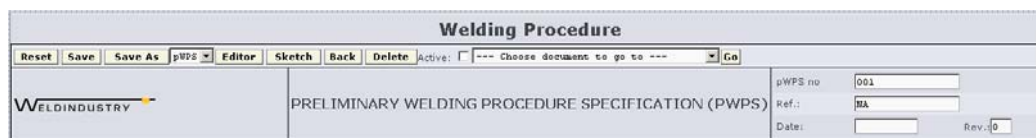


Button for inserting your signature

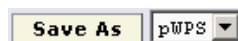
4.1.5 Save a procedure

To save a procedure, you need to fill in the field *Produced by*. This field is mandatory, which means that you are required to fill it in before saving. When the *Produced by* field is filled in, you can save the procedure, by click one time on the *Save* button.

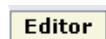
When a procedure is saved, more buttons will appear on the top. See picture below.



Explanation to the buttons



Gives you the opportunity to save the document as a new document. You can also save the document as an other document layout. For example save a WPAR as a WPS. All data in the WPAR will be saved in a WPS document. This is a kind of copy function. You are required to give the document a unique name. (A dialog box will open when you click on the *Save as* button.) Enter the name of the document and click OK.



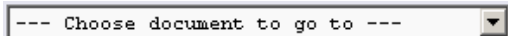
The drawing tool will open when you click on this button.



A sub menu will appear when drag the cursor over this button. Paste, Insert, Copy to clipboard and Copy to sketch library are the options. See also Chapter 7.1.6.



Delete the document. Documents can also be deleted from welding procedures survey. (See Chapter 7.1.9.1) You are able to delete more than one document from the survey. Please note that some documents cannot be deleted. If the document is referred to elsewhere in WeldEye, the document cannot be deleted. The option is then to make the document inactive.



Drop-down menu where you can open the documents related to this procedure. There are different numbers of “pages” depending of what kind of document you work in.

4.1.6 Sketches

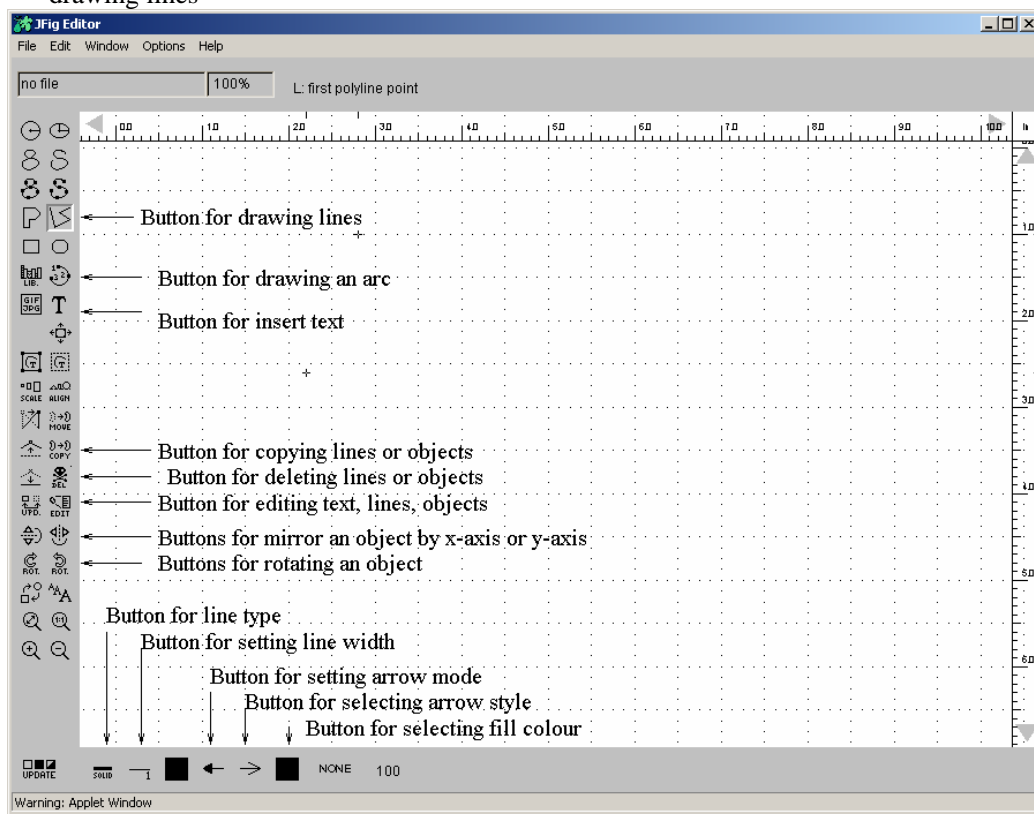
To add a sketch to a procedure you have three options:

1. Open the editor and draw the sketch.
2. Copy a sketch from the sketch library.
3. Insert a sketch from an existing procedure.

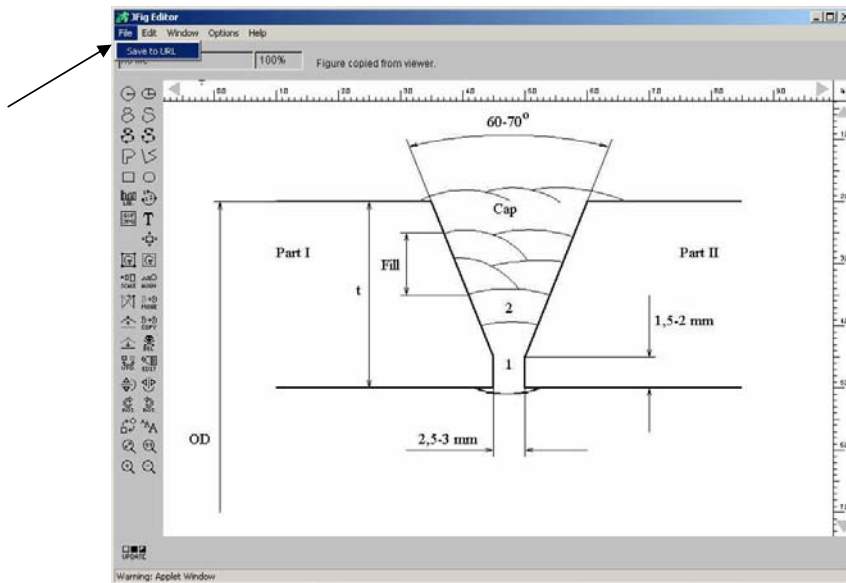
4.1.6.1 Draw a sketch

To be able to draw a sketch, you need to open the drawing tool.

- Click on the **Editor** button. The drawing tool will open in a new window. The picture below shows menus in the drawing tool after click on the button for drawing lines



After drawing the sketch, you are required to click on File and Save to URL. See picture below:



The sketch is now saved in the procedure.

To do further editing of the sketch: Click on the editor button, and the drawing tool with the existing drawing opens. Edit the sketch and save to URL.

To save the changes you are always required to click on the **Save** button on the top or in the bottom of the procedure.

4.1.6.2 Copy a sketch from the sketch library

To copy a sketch from the sketch library, please do the following:

- Open the sketch library from the left side menu (Tools, sketch library) or from the top menu (Move your cursor to the **New** button. A sub menu will appear. Click on sketch. The sketch library are now open)
- Search for the wanted sketch. Described in chapter 8.

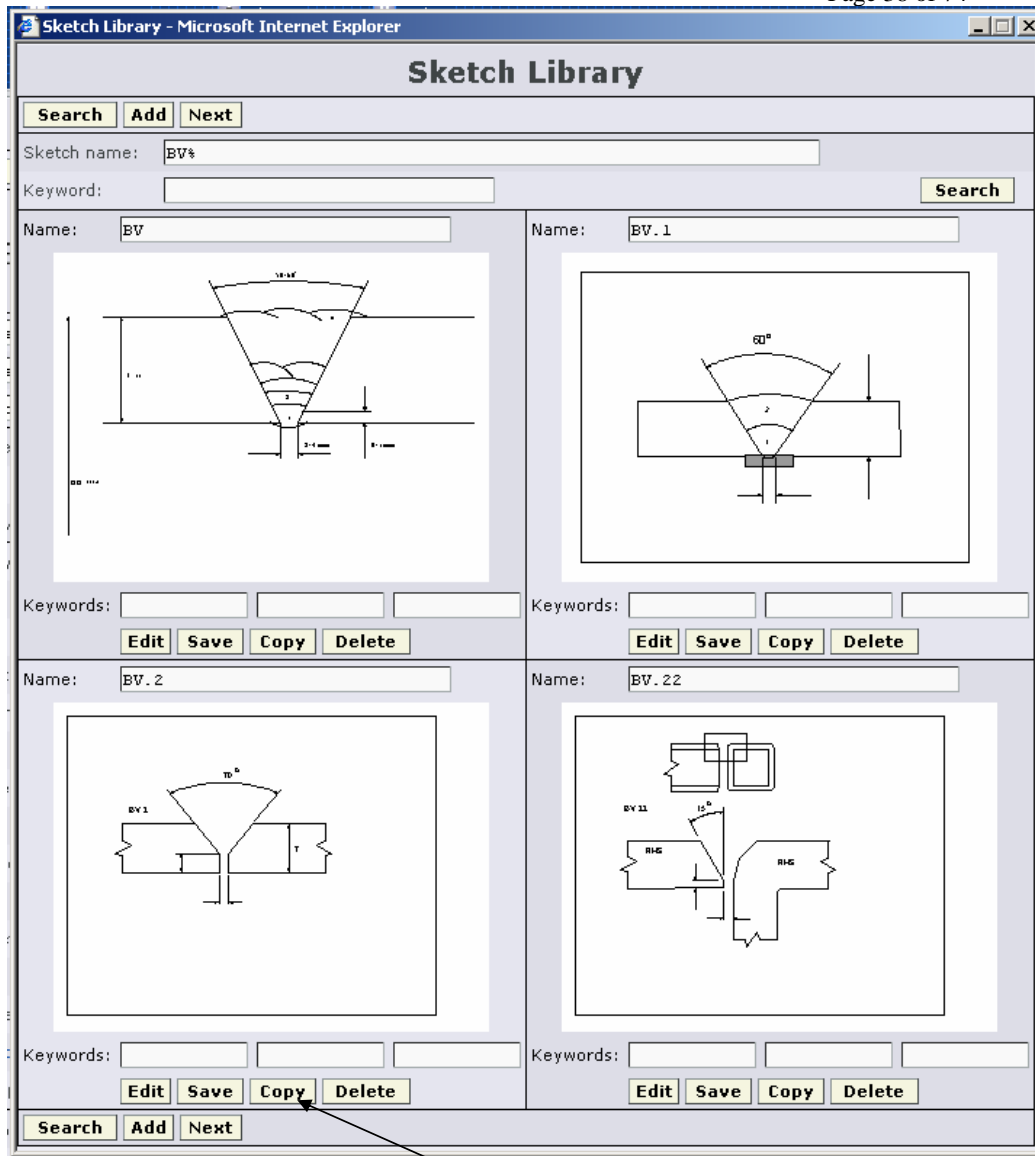
Example:

We want to copy a sketch showing a butt weld and a V-groove in to the procedure.

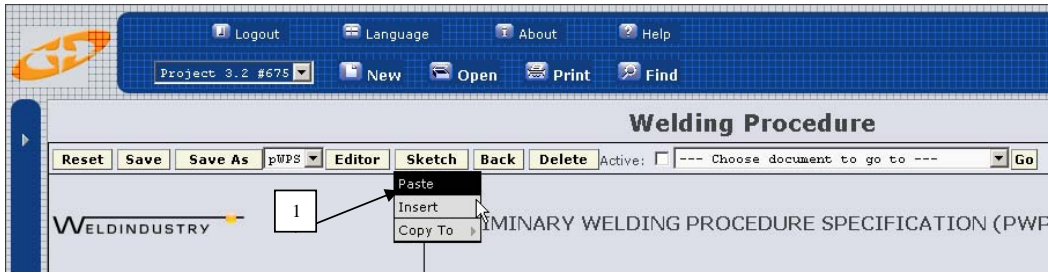
Please do the following:

- Insert BV% as a search criteria. To be entered into the field for sketch name.
- Click on the search button

All sketches in the sketch library starting with the name BV will be shown. See picture below:



Click on the *Copy* button to copy the wanted sketch. In this case BV.



Drag your cursor to the *Sketch* button in the procedure. A sub menu will appear. Click on *Paste*. (1 in picture above) The sketch is now pasted into the procedure. If you want to edit the sketch, click on the *Editor* button and the editor opens.

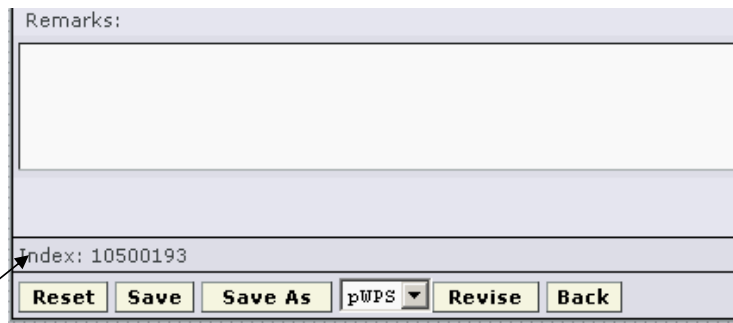
NB!!

You are always required to open the editor, click on File, Save to URL before saving the procedure. (Even if you don't have done any changes to the sketch) This to get the sketch saved in the document.

Also remember File and Save to URL when editing of the sketch is done.

4.1.6.3 Insert a sketch from an existing procedure

It's possible to insert a sketch from an existing procedure in WeldEye. To be able to do so, you need to know the Index number to the procedure you want to copy the sketch from. An Index number is a unique number for a document. WeldEye will create this number automatically when you save the document. This number will show up in the down left corner. See picture below:



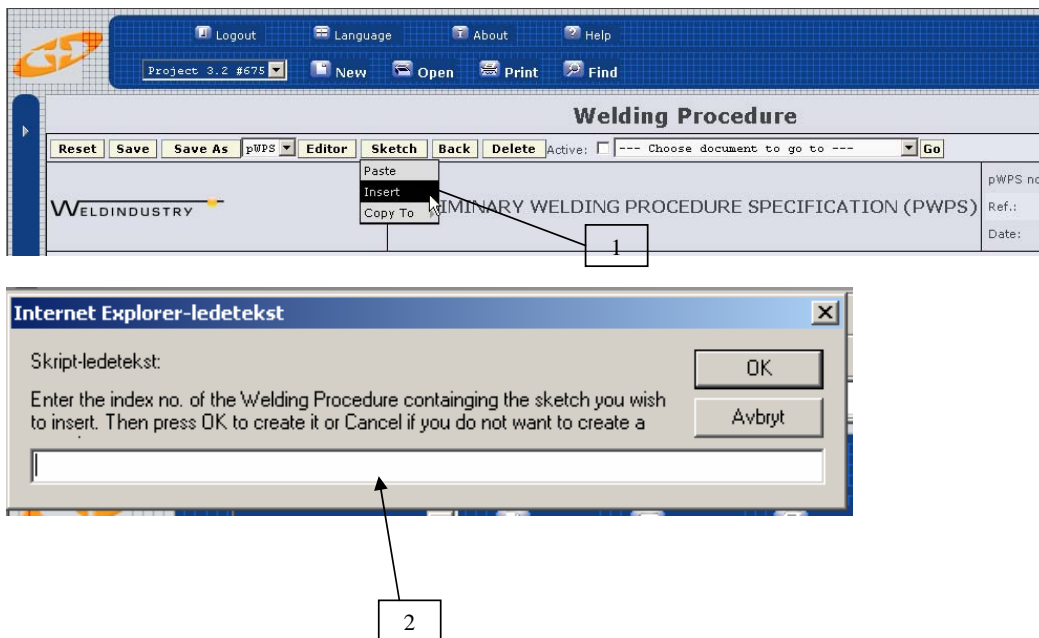
To copy a sketch from an existing procedure, please do the following:

1. Drag your cursor to the *Sketch* button in the procedure. A sub menu will appear. Click on *Insert*. (1 in picture below) A dialog box will open.
2. In this dialog box, type in the Index number to the procedure you want to copy the sketch from.
3. Click on the *OK* button. The sketch is now copied.
4. Open the editor.
5. Click on the *File* button. (Upper left corner) and *Save to URL*.
6. Close the editor, and save the procedure by click on the *Save* button.

NB!!

You are always required to open the editor, click on File, Save to URL before saving the procedure. (Even if you don't have done any changes to the sketch) This to get the sketch saved in the document.

Also remember File and Save to URL when editing of the sketch is done.

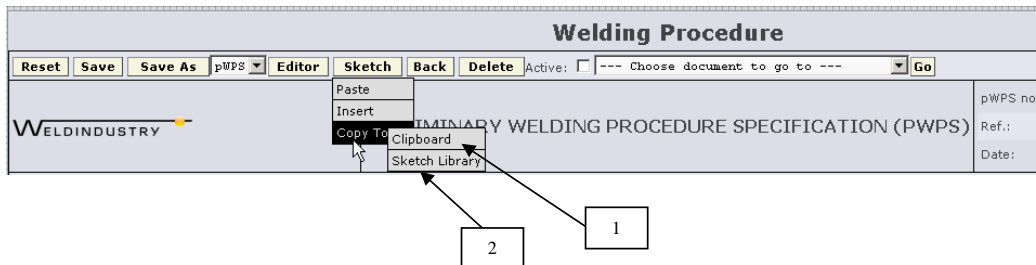


4.1.6.4 Copy sketch to clipboard

In WeldEye there is a possibility to copy a sketch to clipboard for then be able to paste it in another document or an additional page. To copy sketch to clipboard, please do the following:

Drag your cursor to the *Sketch* button in the procedure. A sub menu will appear. Drag your cursor to Copy To and click on Clipboard. (1 in picture below).

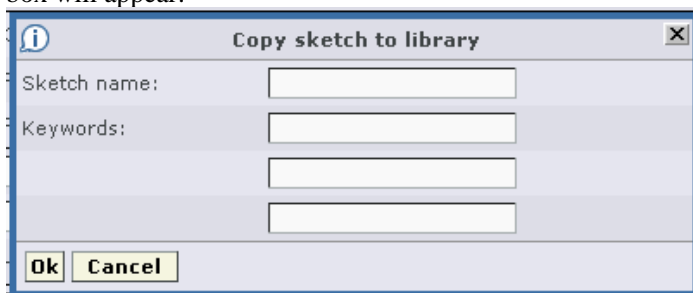
The sketch in the procedure is now copied to your clipboard.



4.1.6.5 Copy sketch to Sketch Library

In WeldEye there is a possibility to copy a sketch from the procedure and into the sketch library. To copy a sketch from a procedure into the sketch library, please do the following:

Drag your cursor to the *Sketch* button in the procedure. A sub menu will appear. Drag your cursor to Copy To and click on Sketch Library. (2 in picture above). A registration box will appear:

The image shows a dialog box titled 'Copy sketch to library'. It has a close button (X) in the top right corner. The dialog contains two input fields: 'Sketch name:' and 'Keywords:'. Below the 'Keywords:' field are two more empty input fields. At the bottom of the dialog are two buttons: 'Ok' and 'Cancel'.

In this box you are required to give the sketch a name. Insert the name in the field *Sketch name*:

In addition to the sketch name, you are also able to register the sketch with keywords.

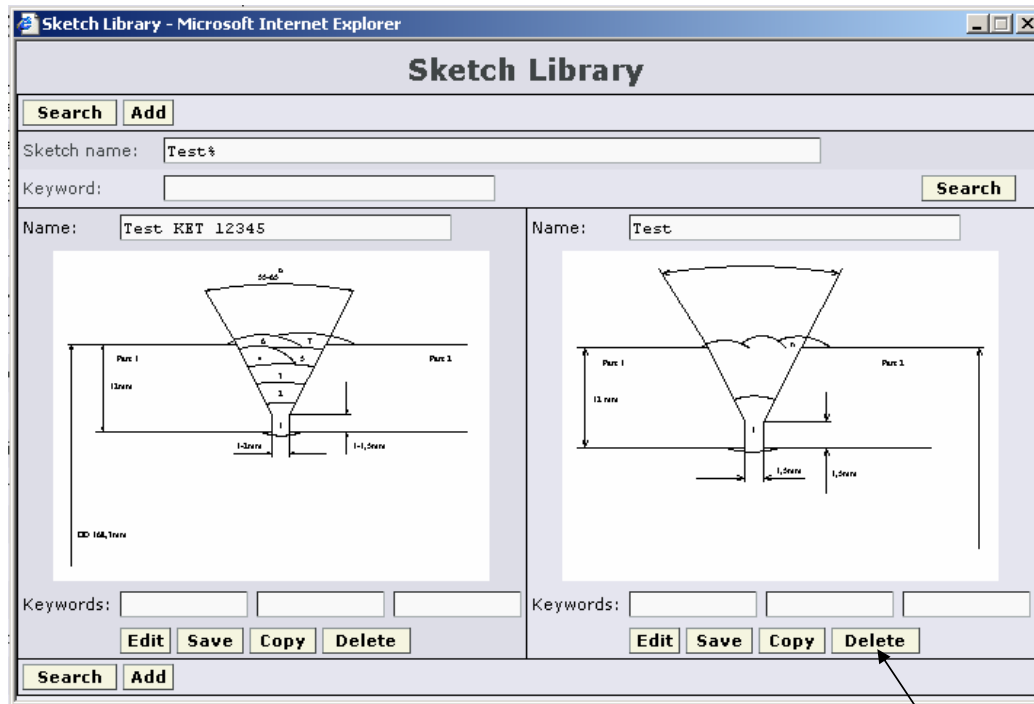
This is optional. Sketch name and keywords are possible search criteria's in the Sketch Library.

When the sketch name (and keywords) is entered, click the OK button to copy the sketch from the procedure to Sketch Library.

4.1.6.6 Delete sketch from Sketch Library

In WeldEye there is a possibility to delete sketches from the sketch library. In the following example, the sketch with sketch name Test shall be deleted. To delete a sketch from the sketch library, please do the following:

1. Open Sketch Library (*Tools->Sketch Library* from the left side menu.)
2. Search for the Sketch to delete. The sketches searched for will open in Sketch Library. In this case all sketches with sketch name starting with Test was searched for:



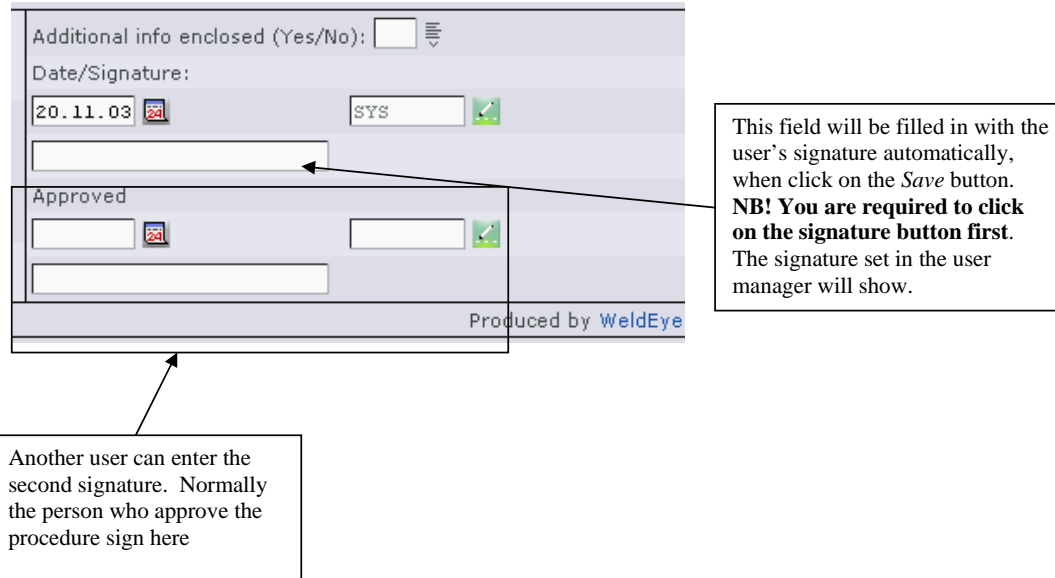
3. Click the *Delete* button under the sketch you want to delete. In this case, Test.
4. A warning will appear on your screen.
5. Click OK to confirm, or Cancel to abort.


4.1.7 Lock a procedure

After a procedure is filled in properly, WeldEye require a date and a signature to lock the document for editing. **When a procedure is signed and saved, only the personnel given access to revise are able to edit the procedure.**



To lock a procedure, please do the following:

1. Insert the date by typing the date in or choose the date from the calendar.
2. Insert your signature by one click on the signature button.





Additional info enclosed (Yes/No): 

Date/Signature:

20.11.03  SYS 

Approved

Produced by WeldEye

This field will be filled in with the user's signature automatically, when click on the *Save* button. **NB! You are required to click on the signature button first.** The signature set in the user manager will show.

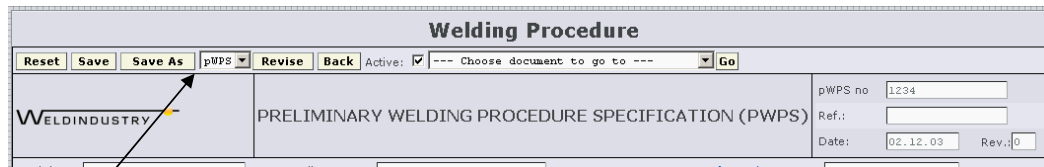
Another user can enter the second signature. Normally the person who approve the procedure sign here

In WeldEye there are two signatures, one signature for the user who made the procedure and one signature for the person who shall approve the procedure.

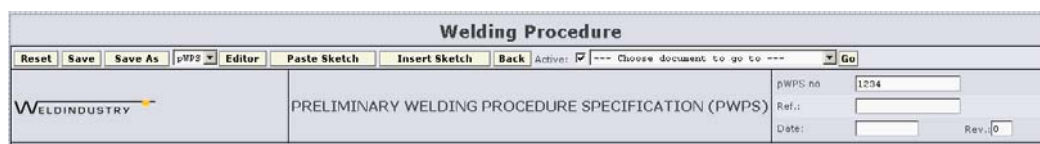
3. Save the procedure by clicking one time at the *Save* button.

4.1.8 Revise a procedure

After signing and saving a procedure, some buttons on the top will disappear. The procedure is locked for revising/editing. *To revise a procedure you need the required access to do so.* If you have the access, click on the *Revise* button. The document is now open for editing.



Revise button




After click on the *Revise* button, the procedure is unlocked. As shown above, more buttons have appeared. You are now able to do the revision/editing.

After the revision is finished, you need to insert a date and your signature before saving. If date and signature is not inserted before saving, the procedure will remain unlocked.

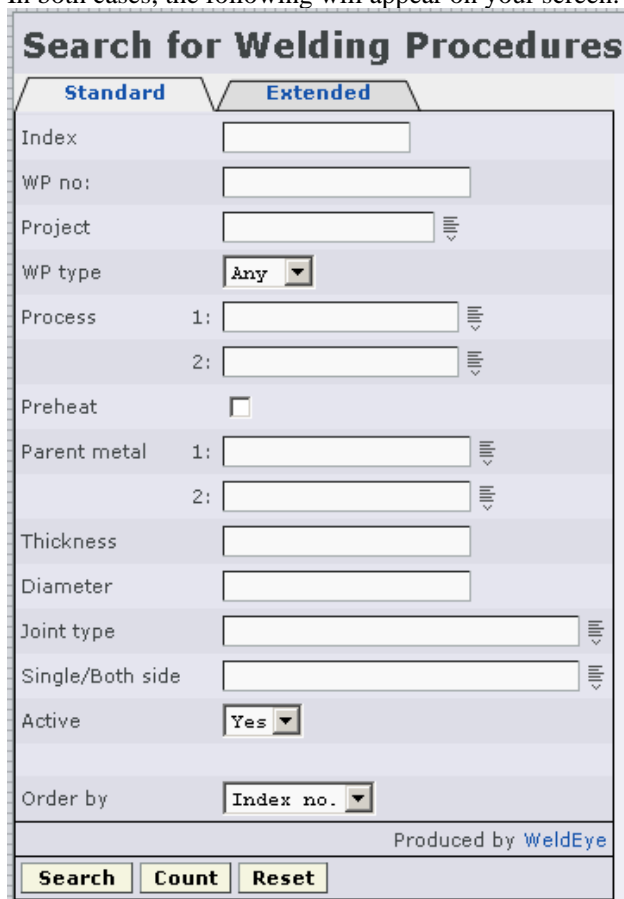
Formatted: Indent: Left: 36 pt
Formatted: Bullets and Numbering

4.1.9 Search for procedures

In WeldEye you have the possibility to search for documents in the database. To be able to perform search, you need to open the search picture. To open the search picture you have two options:

1. From the left side menu
 2. From the top menu.
-
1. From the left side menu
 - a. Click on the *Welding Procedures* button.
 - b. Click on the *Search* button.
 2. From the top menu:
 - a. Drag your cursor to the  button. A sub menu will appear.
 - b. Drag your cursor down to *Welding Procedures*.
 - c. Click on *Welding Procedures*.

In both cases, the following will appear on your screen:





Search for Welding Procedures


Standard **Extended**


Index

WP no:


Project 


WP type **Any** 

Process 1: 

2: 


Preheat


Parent metal 1: 


2: 


Thickness

Diameter

Joint type 

Single/Both side 

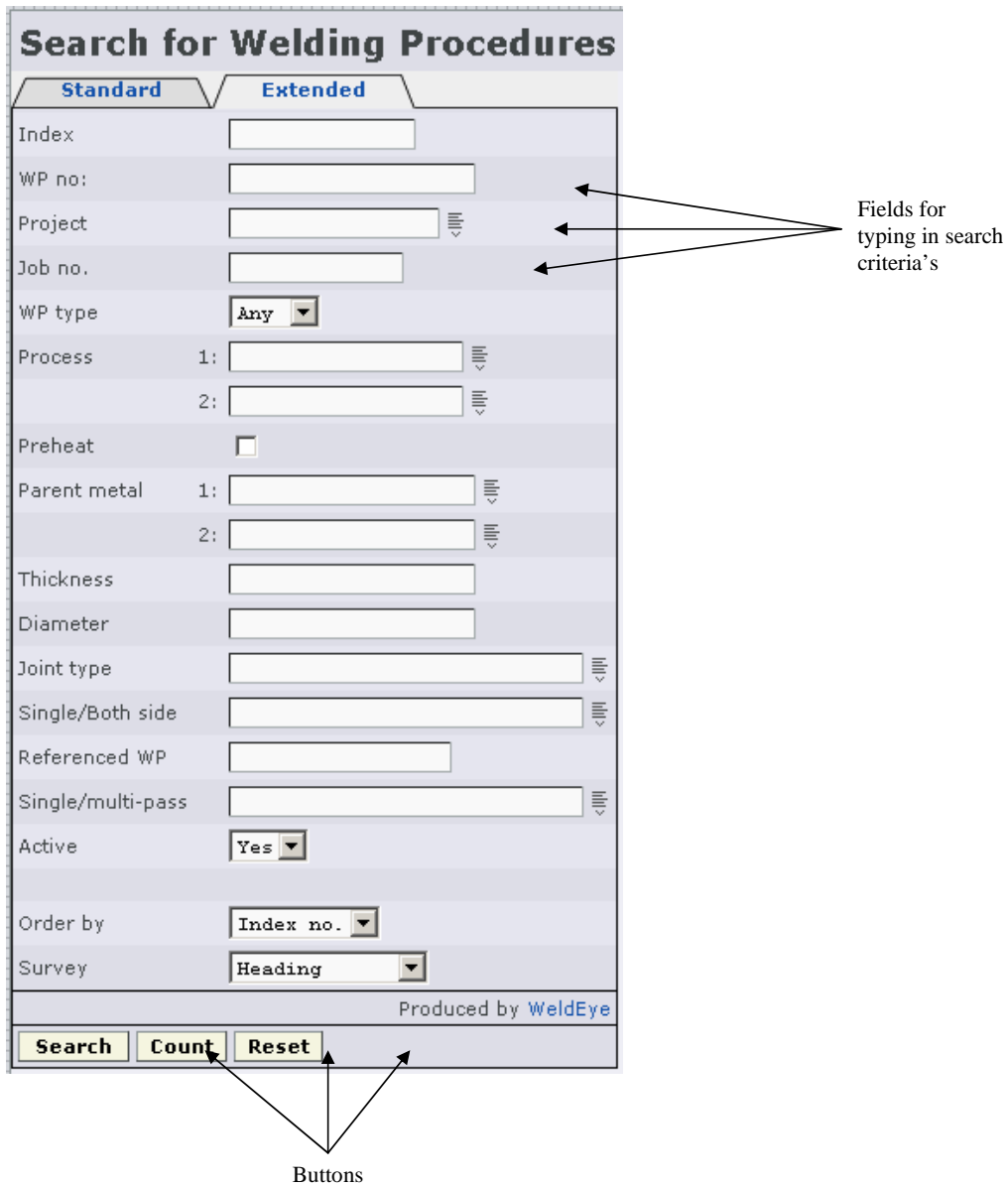
Active **Yes** 

Order by **Index no.** 

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Search **Count** **Reset**

This is where you can apply your search criteria's. As shown in the picture above, two tabs are available: Standard and Extended. By click on the Extended tab, more fields for search criteria's appears:



Search for Welding Procedures

Standard | **Extended**

Index:

WP no.:

Project:

Job no.:

WP type: **Any** ▼

Process 1:

Process 2:

Preheat:

Parent metal 1:

Parent metal 2:

Thickness:

Diameter:

Joint type:

Single/Both side:

Referenced WP:

Single/multi-pass:

Active: **Yes** ▼

Order by: **Index no.** ▼

Survey: **Heading** ▼

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Search **Count** **Reset**

Fields for typing in search criteria's

Buttons

Explanations to the buttons

Search	Click on this button when the search criteria's are entered.
Count	Click on this button to count the number of hits. Some companies got thousands of welding procedures (WPAR/WPS etc.) in the database. A search for all procedures will take a long time. To count the number of hits is done in seconds. Therefore it can be useful to count the number of hits before performing the search. If the number of hits is above approximately 100, it's recommended to enter one or more search criteria's, if possible.
Reset	Blank the search criteria fields.

Explanation to the fields

<i>Index</i>	If you know the index number for the procedure you search for, type it in to this field and click on the <i>Search</i> button. Since this is a search for a unique procedure, the procedure will open directly.
<i>WP no:</i>	Type in the number of the procedure to search for. You can also insert % to search for more procedures. Example: You want to search for the procedures with names starting with 12. You then enter 12% in this field.
<i>Project</i>	Search for procedures related to a certain project.
<i>WP type</i>	State what type of procedure you want to search for. WI, WPAR, WPS, WPT or pWPS.
<i>Process</i>	State which welding process(es) the procedure shall contain.
<i>Preheat</i>	State if you want to search for procedures with preheat.
<i>Parent metal</i>	State which parent metal(s) the procedures you want to search for contains.
<i>Thickness</i>	State the thickness of the parent metal the procedures you want to search for contains. The search result will show all procedures containing the inserted thickness.
<i>Diameter</i>	State the diameter the procedures you want to search for contains. The search result will show all procedures containing the inserted diameter.
<i>Joint type</i>	Search for procedures related to a certain joint type.

Active Possibility to search for active, inactive or both active and inactive procedures. Instead of deleting procedures, you have the opportunity to set them inactive. See chapter 7.1.2.

Yes, means that you search for active procedures.

No, means that you search for procedures set as inactive.

Blank, means that you search for both active and inactive procedures.

Order by Gives you the opportunity to decide how the procedures shall be sorted when showing up in the survey. (Sorted by Index number or procedure number)

Survey Gives you the opportunity to decide which survey type that shall appear after search is performed.

Heading: The most common information is shown.

Miscellaneous: A more detailed survey is shown.

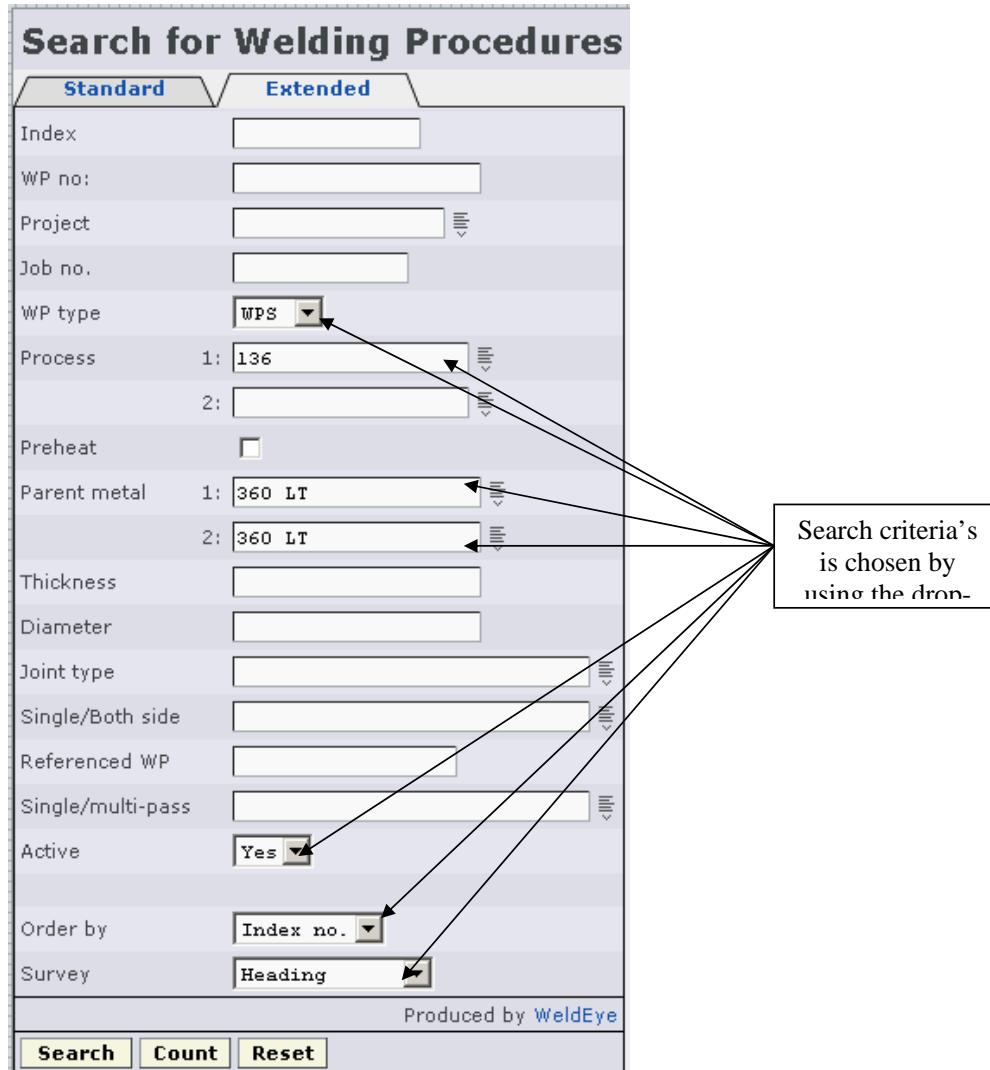
Sketches: The sketch for each procedure is shown. In addition to the sketches, information for each procedure is shown.

Example:

I want to search for:

- WPS's that applies for the welding process 136
- For the parent metal 360 LT.
- I just want to search for active procedures.
- Order/sort the procedure by Index number
- I want the survey to appear as heading.

The search criteria's is to be entered as follows:



Search for Welding Procedures

Standard | **Extended**

Index:

WP no.:

Project:

Job no.:

WP type:

Process 1:

Process 2:

Preheat:

Parent metal 1:

Parent metal 2:

Thickness:

Diameter:

Joint type:

Single/Both side:

Referenced WP:

Single/multi-pass:

Active:

Order by:

Survey:

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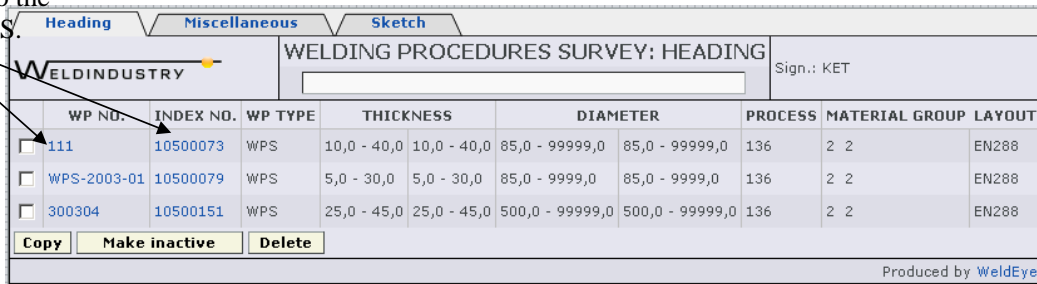
Search | **Count** | **Reset**

Search criteria's is chosen by using the drop-

After your search criteria's are entered, you execute the search by click on the *Search* button. The survey appear on your screen:

4.1.9.1 Welding Procedure Survey

Hyperlinks to the actual WPS.



WP NO.	INDEX NO.	WP TYPE	THICKNESS		DIAMETER		PROCESS	MATERIAL GROUP	LAYOUT
111	10500073	WPS	10,0 - 40,0	10,0 - 40,0	85,0 - 99999,0	85,0 - 99999,0	136	2 2	EN288
WPS-2003-01	10500079	WPS	5,0 - 30,0	5,0 - 30,0	85,0 - 9999,0	85,0 - 9999,0	136	2 2	EN288
300304	10500151	WPS	25,0 - 45,0	25,0 - 45,0	500,0 - 99999,0	500,0 - 99999,0	136	2 2	EN288

Buttons: Copy, Make inactive, Delete

Three WPS's are shown. The Heading survey is opened. By click on the tabs Miscellaneous or Sketch, more information regarding this WPS's will appear.

Under the columns WP NO. and INDEX NO., the text is blue. This means that the WPS no and Index number are hyperlinks. You open the wanted WPS just by a click on the hyperlink.

Explanation to the buttons:

Copy

The checked (marked) documents will be copied to the project you currently work in. For example approved procedures for the project. (Not available for WeldEye WP)

Make inactive

Possibility to make more than one document inactive at the same time. Check (mark) the check box(es) to the left of WP NO. you want to make inactive, and click the *Make Inactive* button. If Inactive procedures are searched for, the *Make inactive* button is replaced with *Make active* button. This to have the opportunity to make more than one procedure active at the same time.

4.1.9.2 Deleting of procedures

Delete

Possibility to delete more than one procedure at the same time. Check (mark) the check box(es) to the left of WP NO. you want to delete, and click the *Delete* button. Please note that some documents cannot be deleted. If the document is referred to elsewhere in WeldEye, the document cannot be deleted. The option is then to make the document inactive. You are also able to delete a procedure from the procedure "front page". To delete a procedure that is open, just click the *Delete* button. See 1 below. Confirm the operation by clicking OK in the dialog box. The procedure is then deleted (If the procedure is not referred to elsewhere in WeldEye.)



1

4.1.10 Print out of Welding Procedures

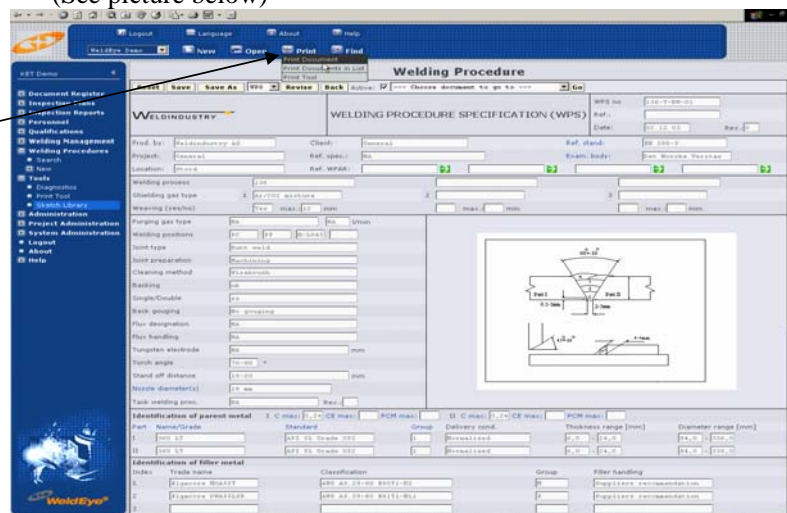
It is possible to print a single procedure or several procedures (a batch). The print job is sent to a mail address. This mail address is set in the *User Manager* or in the *Preferences* under the *Administration* button on the left side menu. You can also enter the e-mail address you want by typing it in yourself in the print tool.

4.1.10.1 Printing a single procedure

When a procedure is in the condition you want it, you can print the single procedure. This procedure can be the one you work on now, or it can be a procedure you need to search for.

When the procedure you want to print is opened, please do the following:

- Drag your cursor to the *Print* button on the top menu. A sub menu will appear. (See picture below)



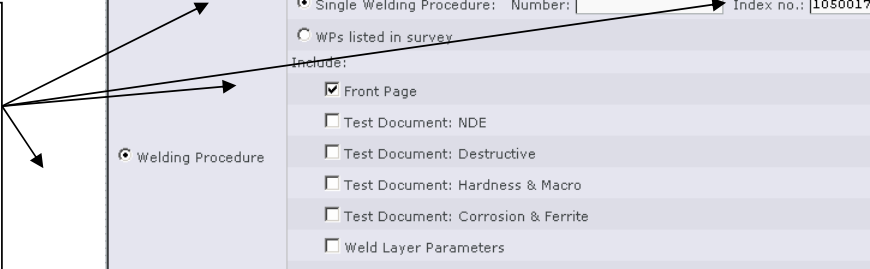
- Click on *Print Document*. The following will appear on your screen:

Print Tool

Reset **Print** **Back**

MODULE	DOCUMENT
<input type="radio"/> Inspection Plans	<input type="radio"/> Inspection Plan List for Project <input type="checkbox"/> Include Master Inspection Plan <input type="radio"/> Master Inspection Plan: <input type="text"/>
<input type="radio"/> Inspection Reports	Index no.: <input type="text"/> <input type="checkbox"/> Magnetic Testing <input type="checkbox"/> Penetrant Testing <input type="checkbox"/> Ultrasonic Testing <input type="checkbox"/> Radiographic Testing <input type="checkbox"/> Visual Testing <input type="checkbox"/> Positive Material Identification
<input type="radio"/> Qualifications	Index no.: <input type="text"/>
<input type="radio"/> Welding Management	Include: <input type="checkbox"/> Inspection Reports <input type="checkbox"/> Welding Procedure Specification <input type="checkbox"/> Welder Certificates <input type="checkbox"/> Weld Repair Report
<input checked="" type="radio"/> Welding Procedure	<input checked="" type="radio"/> Single Welding Procedure: Number: <input type="text"/> Index no.: <input type="text" value="10500171"/> <input type="radio"/> WPs listed in survey Include: <input checked="" type="checkbox"/> Front Page <input type="checkbox"/> Test Document: NDE <input type="checkbox"/> Test Document: Destructive <input type="checkbox"/> Test Document: Hardness & Macro <input type="checkbox"/> Test Document: Corrosion & Ferrite <input type="checkbox"/> Weld Layer Parameters <input type="checkbox"/> Additional Page <input type="radio"/> Welding Procedure Survey <input type="text" value="Heading"/>

All fields is predefined due to chose of printout of a single procedure



Project:

Section:

Drawing:

Line:

Spool:

S. no.:

TARGET/JOB INFORMATION

English

Document Subheader:

Email address to send result to:

Message/reference in email:

Produced by WeldEye

Reset **Print** **Back**

1. You can choose the print out language.
2. You can choose the e-mail address to send the print job to

Click on the Print button to start the print job

After a click on the *Print* button, the following will appear on your screen.:



If something isn't filled in properly, you will receive an error message. Then you are required to adjust your input in the print tool.

- When you click on the *Print* button, WeldEye converts all the data in the procedure and generate a PDF file.
- The PDF file is then sent to the E-mail address inserted in the print tool.
- Open the file from your mailbox and print it out.

To read a PDF file, you are required to have Acrobat Reader installed on your computer.


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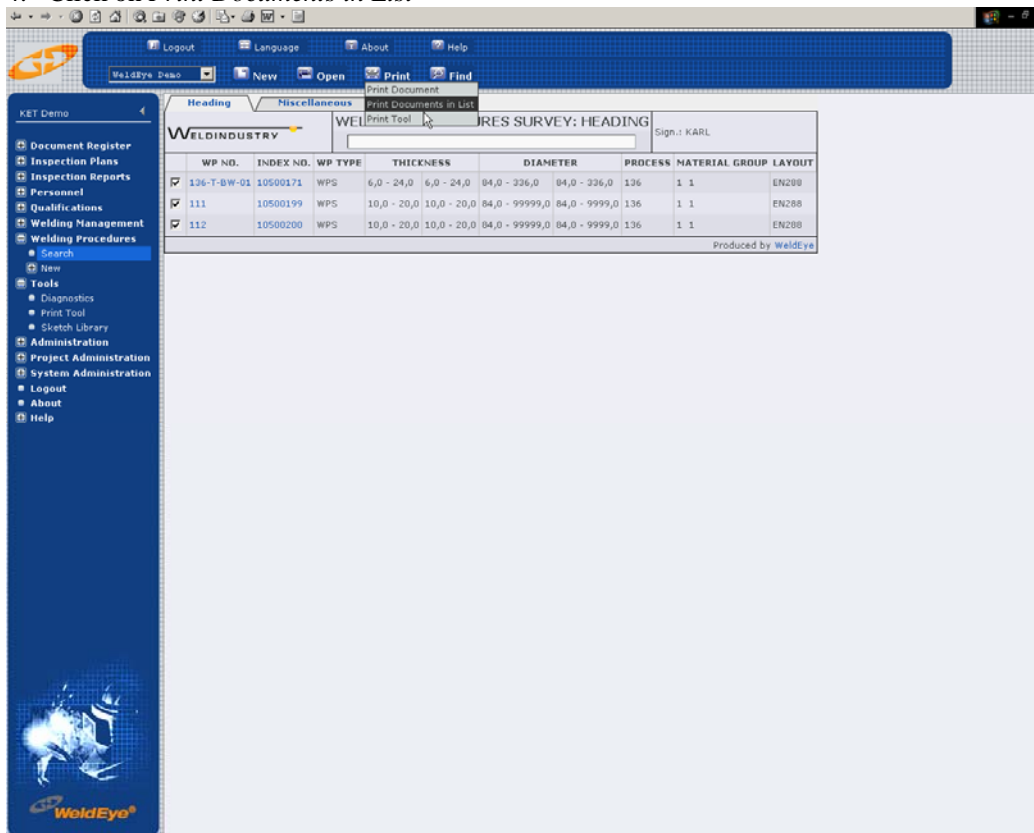
Formatted: Bullets and Numbering

4.1.10.2 Printout of several procedures (Batch print)

To print several procedures at the same time, you need to perform a search first. This example is based on the example shown in Chapter 7.1.9.

I want to print/mail:

- WPS's that applies for the welding process 136
 - For the parent metal 360 LT.
 - I just want to print the active procedures.
1. Search for the procedures as described in chapter 7.1.9. The survey will open as shown below.
 2. Tag of the procedures you want to print/mail.
 3. Drag your cursor to the  **Print** button. A sub menu will appear.
 4. Click on *Print Documents in List*



The screenshot shows the WeldEye software interface. The main window displays a search results table for WPS procedures. The table has columns for WP NO., INDEX NO., WP TYPE, THICKNESS, DIAMETER, PROCESS, MATERIAL GROUP, and LAYOUT. Three rows are visible, all with checkboxes in the first column, indicating they are selected for printing. The table is titled 'WELINDUSTRY' and 'WEL'.

WP NO.	INDEX NO.	WP TYPE	THICKNESS	DIAMETER	PROCESS	MATERIAL GROUP	LAYOUT				
<input checked="" type="checkbox"/>	136-T-BW-01	10500171	WPS	6,0 - 24,0	6,0 - 24,0	84,0 - 336,0	84,0 - 336,0	136	1	1	EN288
<input checked="" type="checkbox"/>	111	10500199	WPS	10,0 - 20,0	10,0 - 20,0	84,0 - 99999,0	84,0 - 9999,0	136	1	1	EN288
<input checked="" type="checkbox"/>	112	10500200	WPS	10,0 - 20,0	10,0 - 20,0	84,0 - 99999,0	84,0 - 9999,0	136	1	1	EN288

The interface also shows a sidebar with navigation options like 'Document Register', 'Inspection Plans', 'Personnel', 'Qualifications', 'Welding Management', 'Welding Procedures', 'Tools', 'Administration', 'Project Administration', 'System Administration', 'Logout', 'About', and 'Help'. The 'Welding Procedures' section is expanded, showing 'Search', 'New', and 'Tools' options. The 'Tools' section is further expanded, showing 'Diagnostics', 'Print Tool', and 'Sketch Library'. The 'Print Tool' option is highlighted, and a sub-menu is visible with 'Print Documents in List' selected.

The following will appear on your screen:

Print Tool	
<input type="button" value="Reset"/> <input type="button" value="Print"/> <input type="button" value="Back"/>	
MODULE	DOCUMENT
<input type="radio"/> Inspection Plans	<input type="radio"/> Inspection Plan List for Project <input type="checkbox"/> Include Master Inspection Plan <input type="radio"/> Master Inspection Plan: <input type="text"/>
<input type="radio"/> Inspection Reports	Index no.: <input type="text"/> <input type="checkbox"/> Magnetic Testing <input type="checkbox"/> Penetrant Testing <input type="checkbox"/> Ultrasonic Testing <input type="checkbox"/> Radiographic Testing <input type="checkbox"/> Visual Testing <input type="checkbox"/> Positive Material Identification
<input type="radio"/> Qualifications	Index no.: <input type="text"/>
<input type="radio"/> Welding Management	Include: <input type="checkbox"/> Inspection Reports <input type="checkbox"/> Welding Procedure Specification <input type="checkbox"/> Welder Certificates <input type="checkbox"/> Weld Repair Report
<input checked="" type="radio"/> Welding Procedure	<input type="radio"/> Single Welding Procedure: Number: <input type="text"/> Index no.: <input type="text"/> <input checked="" type="radio"/> WPs listed in survey Include: <input checked="" type="checkbox"/> Front Page <input type="checkbox"/> Test Document: NDE <input type="checkbox"/> Test Document: Destructive <input type="checkbox"/> Test Document: Hardness & Macro <input type="checkbox"/> Test Document: Corrosion & Ferrite <input type="checkbox"/> Weld Layer Parameters <input type="checkbox"/> Additional Page <input type="radio"/> Welding Procedure Survey <input type="text" value="Heading"/>
SOURCE INFORMATION	
Project:	<input type="text" value="WeldEye Demo"/>
Section:	<input type="text"/>
Drawing:	<input type="text"/>
Line:	<input type="text"/>
Spool:	<input type="text"/>
S. no.:	<input type="text"/>
TARGET/JOB INFORMATION	
Language:	<input type="text" value="English"/>
Document Subheader:	<input type="text"/>
Email address to send result to:	<input type="text" value="karl.einar.tronrud@weldindustry.com"/>
Message/reference in email:	<input type="text"/>
Produced by WeldEye	
<input type="button" value="Reset"/> <input type="button" value="Print"/> <input type="button" value="Back"/>	

Compared to printout of a single procedure, this time WPS listed in survey is


When click on the *Print* button, the procedures will be sent to the mail recipient for print out.

The print/mailing can also be performed manually. This is possible via the left side menu or the top menu.

From the left side menu:

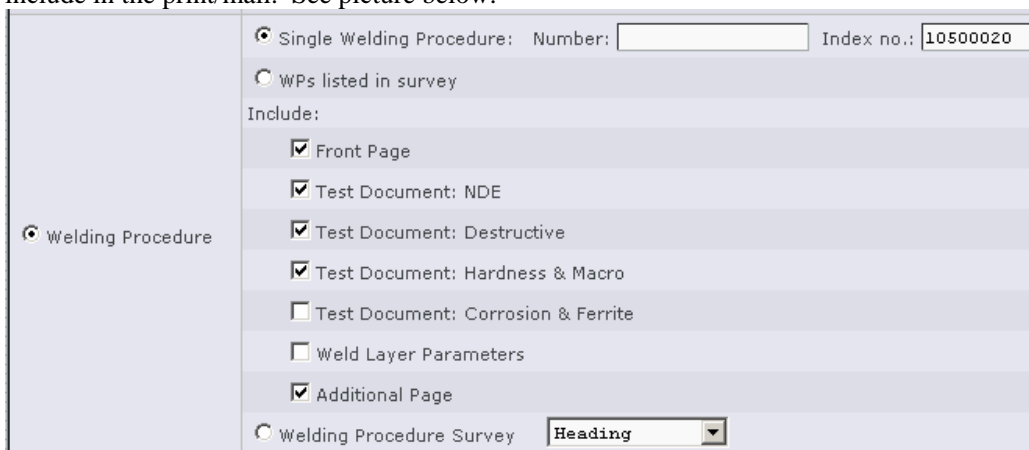
1. Click on the *Tool* button
2. Click on the *Print Tool* button. The print tool will open.
3. Make your definitions.
4. Click on the *Print* button.

From the top menu:

1. Drag your cursor to the  **Print** button. A sub menu will open.
2. Click on *Print Tool*
3. Make your definitions.
4. Click on the *Print* button

Print/mail of procedure related documents

In general there is also possible to choose what documents you want to print/mail in addition to the procedure front page. If a procedure contains more than a front page, it is possible to mail/print these pages. You are required to tag the document type you want to include in the print/mail. See picture below:



The screenshot shows a configuration window for printing or mailing documents. On the left, a sidebar has a radio button selected for 'Welding Procedure'. The main area contains several options:

- Single Welding Procedure: Number: Index no.:
- WPs listed in survey
- Include:
 - Front Page
 - Test Document: NDE
 - Test Document: Destructive
 - Test Document: Hardness & Macro
 - Test Document: Corrosion & Ferrite
 - Weld Layer Parameters
 - Additional Page
- Welding Procedure Survey

This is an example of a print/mail of a WPAR. The print/mail will include:

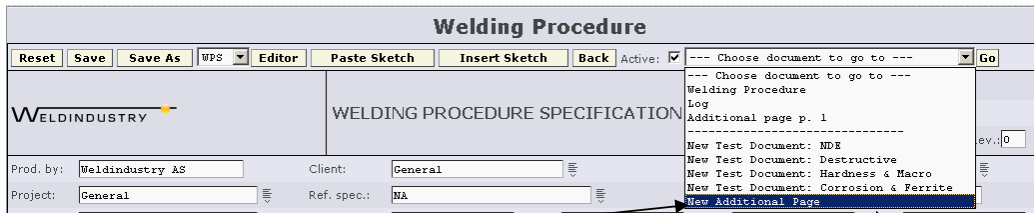
- Front page
- NDE test document
- Reports from destructive testing. (Tensile, bend, Charpy-V, CTOD.)
- Reports from hardness and macro examination.
- Additional pages. (Digital images i.e. macro pictures, additional information.)
Attached files in additional pages will be available as separate files in the e-mail.

4.1.11 Additional pages

In a procedure you got a Drop down menu called “Choose document to go to”. One of the options here is *New Additional Page*. **NB! The document must be saved to make the drop-down menu available.**

To navigate between documents in a procedure:

- Click on the arrow to the right of the drop down menu
- Choose the document to go to by click on the text. In this case we want to add a new Additional page:

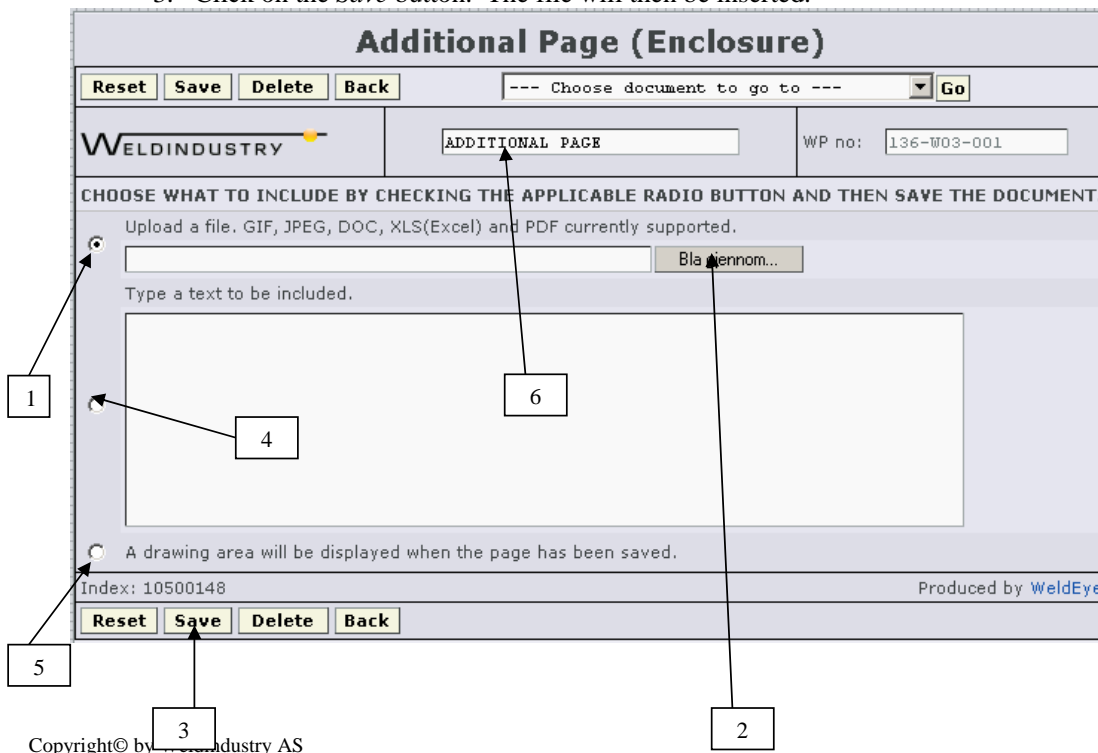


Click on *New Additional Page*

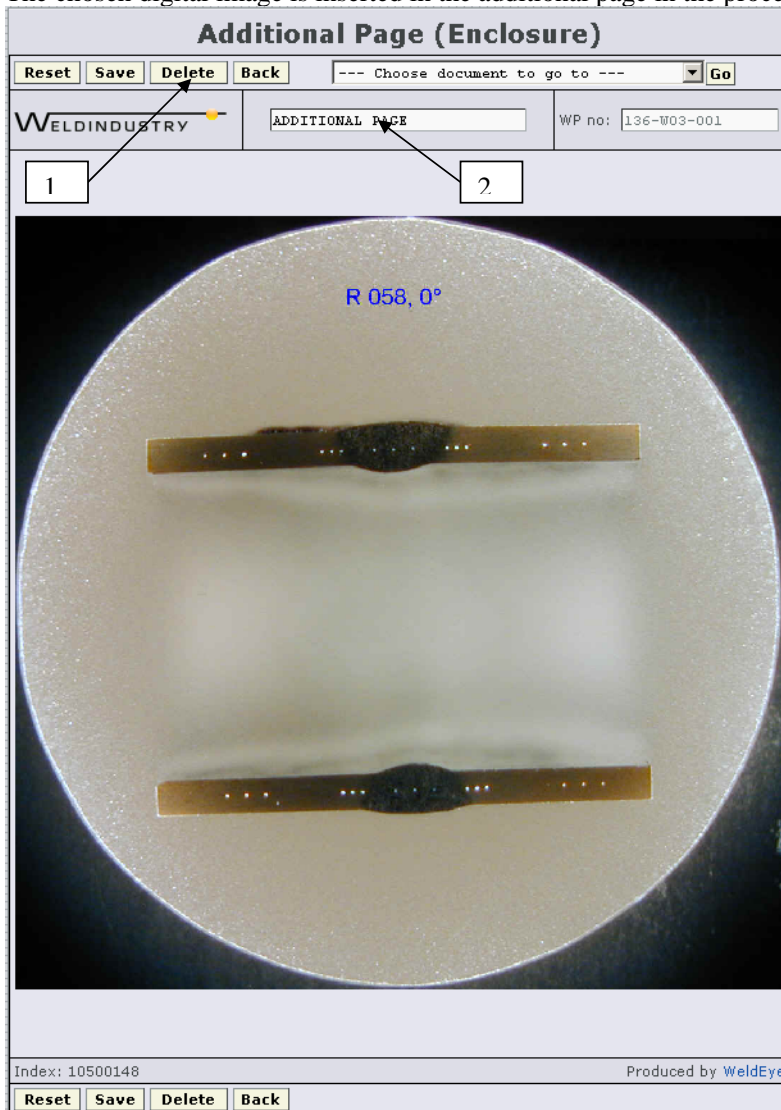
The following will appear on your screen:

If you want to insert a digital image or a file:

1. Mark as shown below. This mark is default
2. Browse for the file you want to insert. In this case a macro photo. The file must be available on your computer or network. It's also required to be a GIF or JPEG file. (Digital photos). Word, Excel and Adobe files can also be attached.
3. Click on the *Save* button. The file will then be inserted.



The chosen digital image is inserted in the additional page in the procedure



The field marked 4 on the picture on the previous page can be marked if you want some additional text or explanations to the procedure.

The field marked 5 on the picture on the previous page can be marked if you want to insert an additional drawing into the procedure. The editor will then be available.

Delete an additional page

To delete an additional page, please do the following:

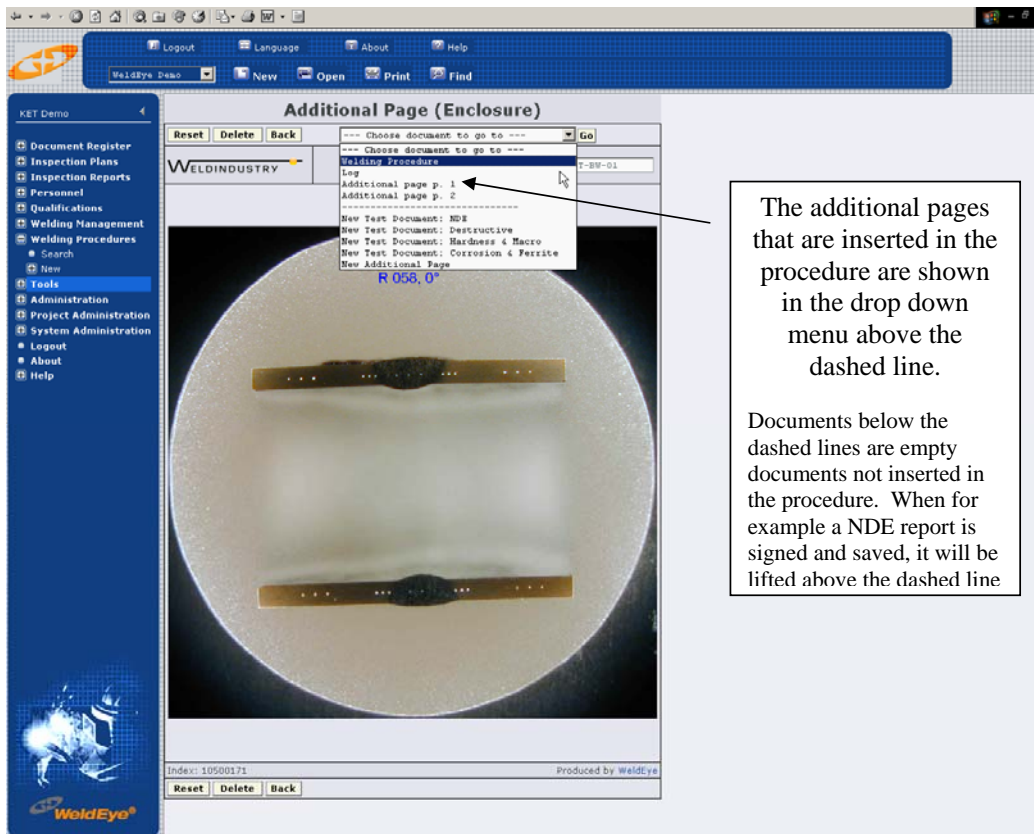
1. Open the additional page you want to delete.
2. Click on the delete button. (Marked 1 picture above)

Name an additional page

The default name on an additional page is ADDITIONAL PAGE. It is possible to rename an additional page. To rename an additional page, please do the following:

1. Delete the content in field marked 2 in picture above.
2. Type in the text you want.
3. Click on the Save button.

To go back to the procedure, just click on the arrow to the right of the drop down menu “Choose document to go to”. The content in the drop down list is shown. Click on *Welding Procedure* to go back to the procedure.



The screenshot shows the 'Additional Page (Enclosure)' interface. At the top, there are buttons for 'Reset', 'Delete', and 'Back'. Below these is a dropdown menu with the text '--- Choose document to go to ---'. The dropdown is open, showing a list of documents: 'Welding Procedure', 'Log', 'Additional page p. 1', and 'Additional page p. 2'. A dashed line is positioned between 'Log' and 'Additional page p. 1'. Below the dashed line, there are several empty document entries: 'New Test Document: NDE', 'New Test Document: Destructive', 'New Test Document: Hardness & Macro', and 'New Test Document: Corrosion & Ferrite'. A text box on the right side of the screenshot contains the following text: 'The additional pages that are inserted in the procedure are shown in the drop down menu above the dashed line. Documents below the dashed lines are empty documents not inserted in the procedure. When for example a NDE report is signed and saved, it will be lifted above the dashed line'. The main area of the interface shows a circular image of a weld joint with a blue 'R 058, 0°' label. At the bottom, there is a status bar with 'Index: 10500171' and 'Produced by WeldEye'.

5. Tools

Introduction

In this part of WeldEye the sketch library and the mail/print functions are included.

Sketch library

In the sketch library, there are a number of sketches implemented as a standard. The sketch library is dynamic, which means that you can edit it. Some of the editing possibilities are:

- Add new sketches to the library
- Edit existing sketches
- Insert your own keyword to the sketches. (Search criteria)

There are a lot of documents with possibility to insert sketches:

- PWPS
- WPAR
- WI
- WPT
- Inspection reports

In this part of the manual it will be described how to

- Open the sketch library
- Search for sketches
- Edit a sketch
- Insert a sketch to a document

Print tool

In the print tool it is possible to:

- Print single documents
- Print documents marked in a list
- Print Weld Summary Lists.
- Print out a project
- Send documents by e-mail.

How to do this is described in this part of the manual.

5.1 Sketch library

5.1.1 Open the sketch library


To open the sketch library, you got two options:

1. From the left side menu
2. From the Top menu

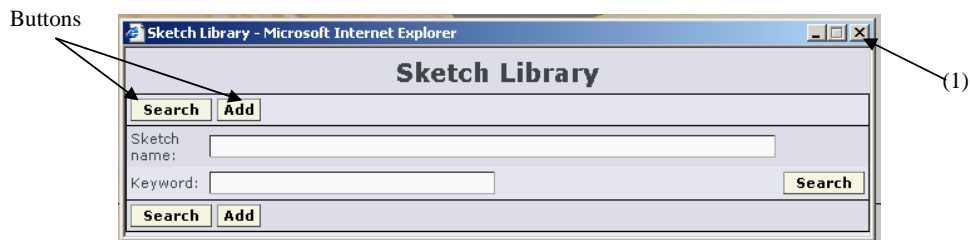
From the left side menu:

- a. Click on *Tools*
- b. Click on *Sketch library*.

From the top menu:

- a. Drag your cursor to the  button. A sub menu will appear.
- b. Click on *Sketch library*.

In both cases, the following will appear on your screen:



The sketch library is now open.

Note that the sketch library opens in a new window. This means that it will be open even if you go to another part of WeldEye. The sketch library will close when you click on the X (1) in the upper right corner.

5.1.2 Search for sketches

As shown in the picture above, you are now able to do a search for existing sketches, or you can add new sketches.

Explanation to the buttons:

Search

Performs a search based on your search criteria's

Add

Makes it possible to add a new sketch to the sketch library. When click on this button, a dialog box open. You need to type in the name to the new sketch you want to add. Then click OK. The drawing tool/editor will then open.

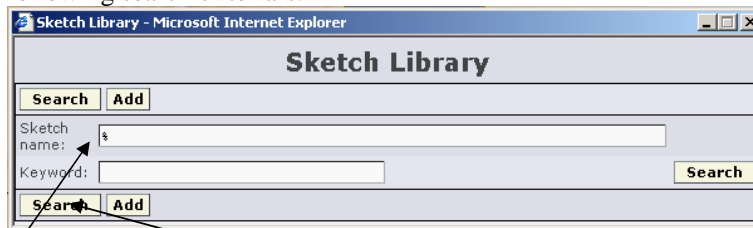
Explanation to the fields:

Sketch name: Search criteria for the name of the sketch you want to search for. If you type in “%” in the sketch name, all sketches in the sketch library will open. (4 sketches on each page. You need to click on the *Next* button to show the 4 next sketches)

Keyword: Search criteria for the keyword to the sketch you want to search for. Keyword can be a word you have added. A keyword can be a word that is easy to remember

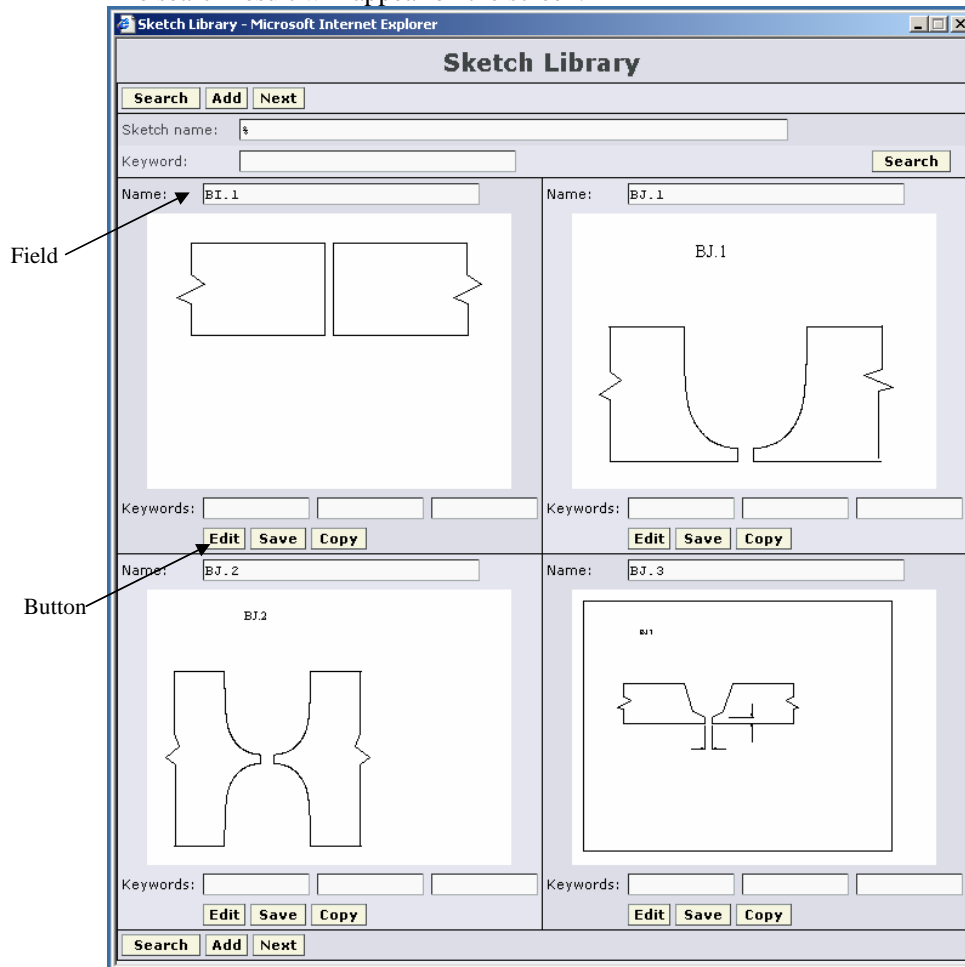
5.1.3 Example 1

We want to search for all sketches in the sketch library. Then we need to fill in the following search criteria's:



- | | |
|---|---|
| 1. Type in % in the sketch name field. All sketches in the sketch library will be searched for. | 2. Click on the <i>Search</i> button to perform the search. |
|---|---|

The search result will appear on the screen:



Explanation to the buttons:

- Next** Open the survey with the next 4 sketches. When click on the *Next* button, a new button will appear. This button, *Previous*, will take you back to the previous shown sketches.
- Edit** Open the drawing tool/editor. Editing of a sketch/drawing must be performed in the editor. After editing of a sketch, remember to save changes.
- Save** After editing and saving a sketch in the editor, it is also required that you save the sketch here. This is required to store the changes in the sketch library.
- Copy** Click on the *Copy* button to make a copy of the sketch to the clipboard. You can then paste the copied sketch in to a document. (WPAR, WPS, test reports etc.)

5.1.4 Add sketches to the sketch library

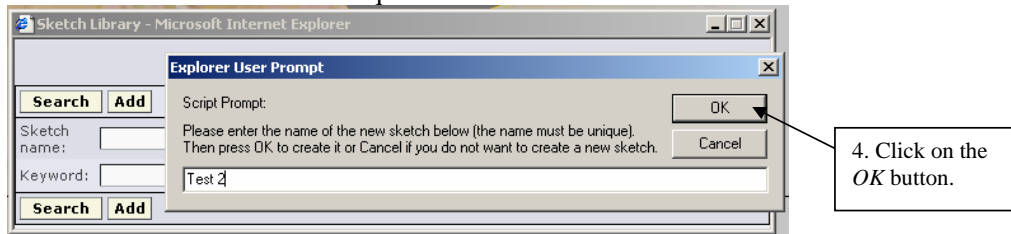
As mentioned earlier it is possible to add your own sketches in to the sketch library. To add a sketch to the library, please do the following:

1. Open the *Sketch library*
2. Click on the *Add* button
3. Insert the name of the sketch you want to add.
4. Click on OK. A window with a blank sketch will open.
5. Click on the *Edit* button. The editor will open.
6. Draw your sketch and save it.
7. Click on the *Save* button in the sketch library.

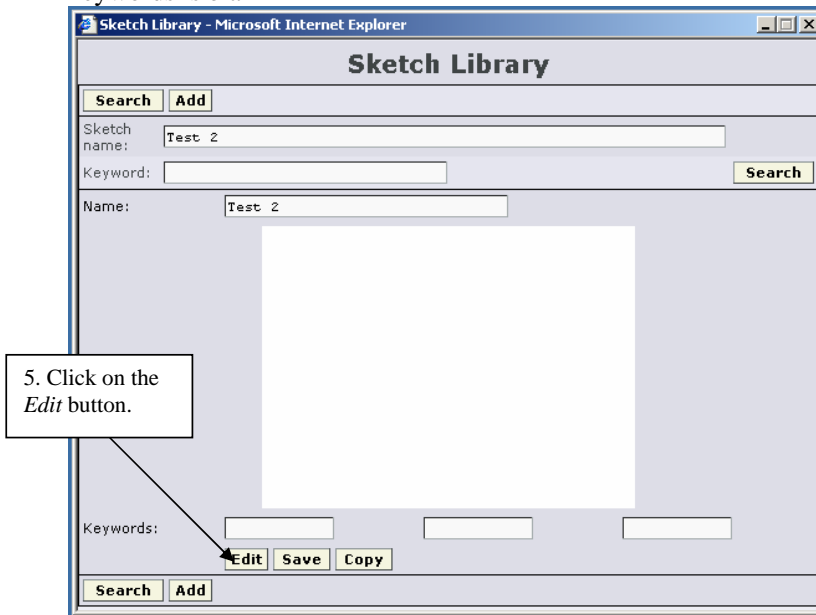
5.1.5 Example 2

Adding a drawing/sketch to the sketch library by following the steps described above:

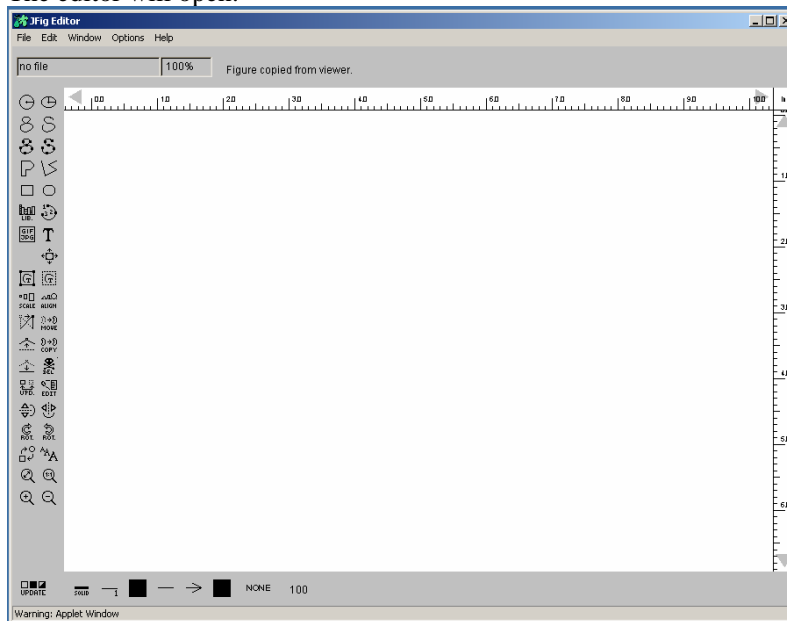
The following picture will open after step 1, 2 and 3. The name of the sketch is set to Test 2. This will be the name of the new sketch in the sketch library. Please note that the sketch name must be unique.



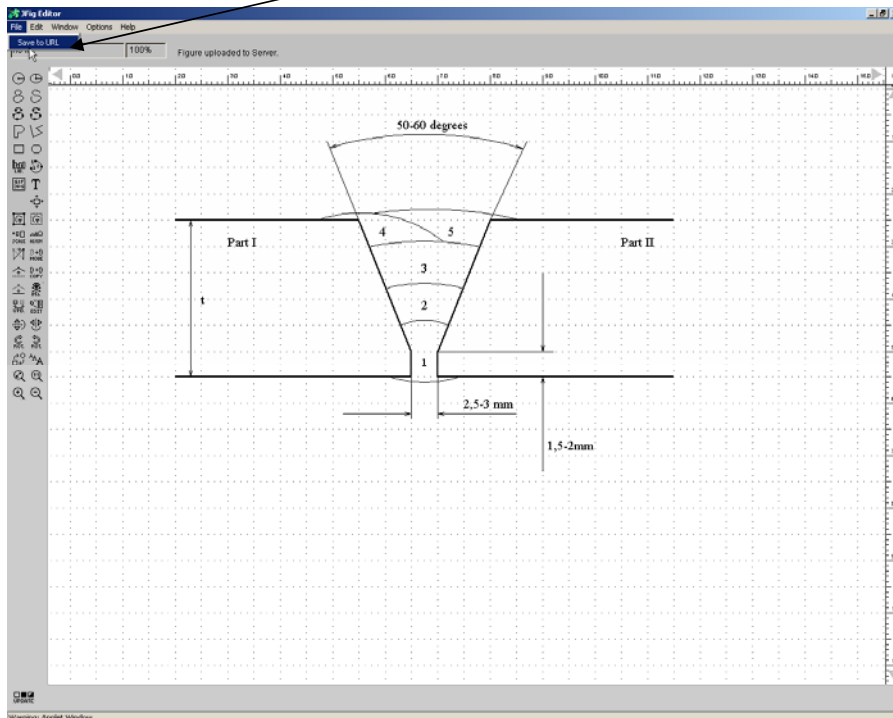
A window with a blank sketch will open. The sketch name is created. The keywords is blank



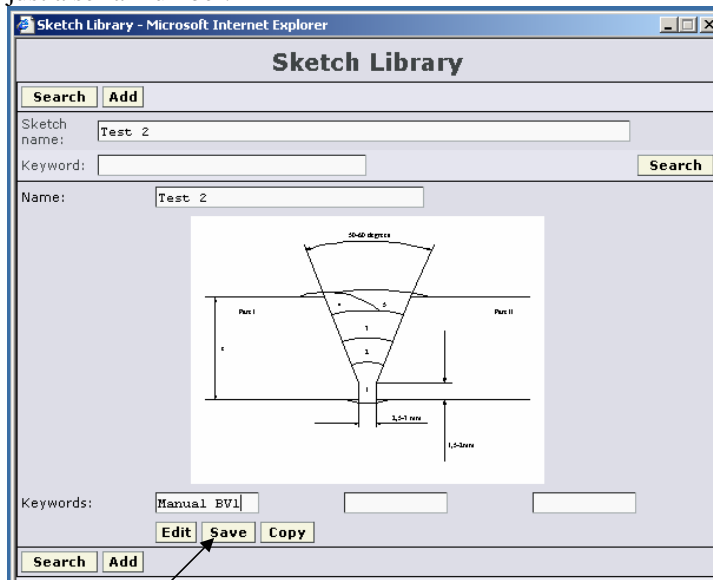
The editor will open:



6. Draw the sketch, and Save to URL:



The sketch appears in the sketch library window. To make it easier to search for, let us give the sketch a keyword. In this case the keyword is Manual BV1. Then I know it's a sketch regarding the user Manual, B for butt weld, V for type of joint and 1 is just a serial number.



NB! To save changes to sketch library, you are required to click on the *Save* button. If not, the sketch will not be included in the sketch library.

5.2 Print tool

In the print tool it is possible to:

- Print single documents
- Print documents marked in a list
- Print final documentation.
- Send documents by e-mail.

The print tool can be opened directly, which means that the user defines which documents to be printed/mailed.

The print tool can also be opened with the print work pre-defined. This means that the documents to print automatically are defined by WeldEye. The user is allowed to do corrections regarding which documents to be printed. (Open from a document/list)

In the further explanations, examples of different kind of print-outs/mails will be shown.

5.2.1 Open the print tool directly


To open the print tool, you got two options:

1. From the left side menu
2. From the top menu

From the left side menu

- a. Click on the *Tools* button
- b. Click on the *Print tool* button

From the top menu

- a. Drag your cursor to the  **Print** button.
- b. Click on *Print tool*.

The following will appear on your screen:

Print Tool	
MODULE	DOCUMENT
<input type="radio"/> Inspection Plans	<input type="radio"/> Inspection Plan List for Project <input type="checkbox"/> Include Master Inspection Plan <input type="radio"/> Master Inspection Plan: <input type="text"/>
<input type="radio"/> Inspection Reports	Index no.: <input type="text"/> <input type="checkbox"/> Magnetic Testing <input type="checkbox"/> Penetrant Testing <input type="checkbox"/> Ultrasonic Testing <input type="checkbox"/> Radiographic Testing <input type="checkbox"/> Visual Testing <input type="checkbox"/> Positive Material Identification
<input type="radio"/> Qualifications	<input type="radio"/> Single Certificate: Index no.: <input type="text"/> <input type="radio"/> Certificates listed in Certificate Survey <input type="radio"/> Certificate Survey <input type="radio"/> Certificate Prolongation Reference List
<input type="radio"/> Welding Management	Include: <input type="checkbox"/> Inspection Reports <input type="checkbox"/> Welding Procedure Specification <input type="checkbox"/> Welder Certificates <input type="checkbox"/> Weld Repair Report
<input type="radio"/> Welding Procedure	<input type="radio"/> Single Welding Procedure: Number: <input type="text"/> Index no.: <input type="text"/> <input type="radio"/> WPs listed in survey Include: <input type="checkbox"/> Front Page <input type="checkbox"/> Test Document: NDE <input type="checkbox"/> Test Document: Destructive <input type="checkbox"/> Test Document: Hardness & Macro <input type="checkbox"/> Test Document: Corrosion & Ferrite <input type="checkbox"/> Weld Layer Parameters <input type="checkbox"/> Additional Page <input type="radio"/> Welding Procedure Survey <input type="text" value="Heading"/>
SOURCE INFORMATION	
Project:	<input type="text" value="WI Test 1"/>
Section:	<input type="text"/>
Drawing:	<input type="text"/>
Line:	<input type="text"/>
Spool:	<input type="text"/>
S. no.:	<input type="text"/>
TARGET/JOB INFORMATION	
Primary language:	<input type="text" value="English"/>
Document Subheader:	<input type="text"/>
Email address to send result to:	<input type="text"/>
Message/reference in email:	<input type="text"/>
Maximum file size for mailing:	<input type="text" value="3"/> MB
Produced by WeldEye	
<input type="button" value="Reset"/> <input type="button" value="Print"/> <input type="button" value="Back"/>	

As shown in the picture above, almost nothing is pre-defined. Project and language only. E-mail address will also be pre-defined if you have set it in *Administration->Preferences*.

Before print out is possible, you are required to choose a print module, and which documents to be included in the print out. If not chosen properly, you will receive an Error message when click on the *Print* button.

5.2.2 Print documents marked in a list

To be able to print documents in a list, a search must be performed.

Example:

Three WPS's are to be printed out. To print out these three WPS's, please do the following:


1. Open the search picture for WPS's by click on *Welding Procedures->Search*.
2. Insert your search criteria's.
3. Click on the *Search* button.

The survey over the searched WPS's is shown:

Heading		Miscellaneous		Sketch		WELDING PROCEDURES SURVEY: HEADING			Sign.: KET
WELDINDUSTRY									
	WP NO.	INDEX NO.	WP TYPE	THICKNESS	DIAMETER	PROCESS	MATERIAL GROUP	LAYOUT	
<input checked="" type="checkbox"/>	12-WPS	10500068	WPS			111		EN288	
<input type="checkbox"/>	WPS-1111	10500120	WPS			111	9	EN288	
<input checked="" type="checkbox"/>	1111	10500121	WPS			111	9	EN288	
<input checked="" type="checkbox"/>	2323	10500130	WPS			111		ASME	
<input type="checkbox"/>	Test 2.7-12-WPS	10500141	WPS			111		EN288	

Copy

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4. Mark the WPS's you want to print.
5. Drag your cursor to the  **Print** button on the top menu.
6. Click on *Print documents in list*.
7. Click on the *Print* button.

The print Tool will open with predefined settings.

The WPS's marked in the survey will now be printed to the e-mail address inserted in the print tool.

See also chapter 7, Welding Procedures.

5.2.3 Print out of a Weld Summary List

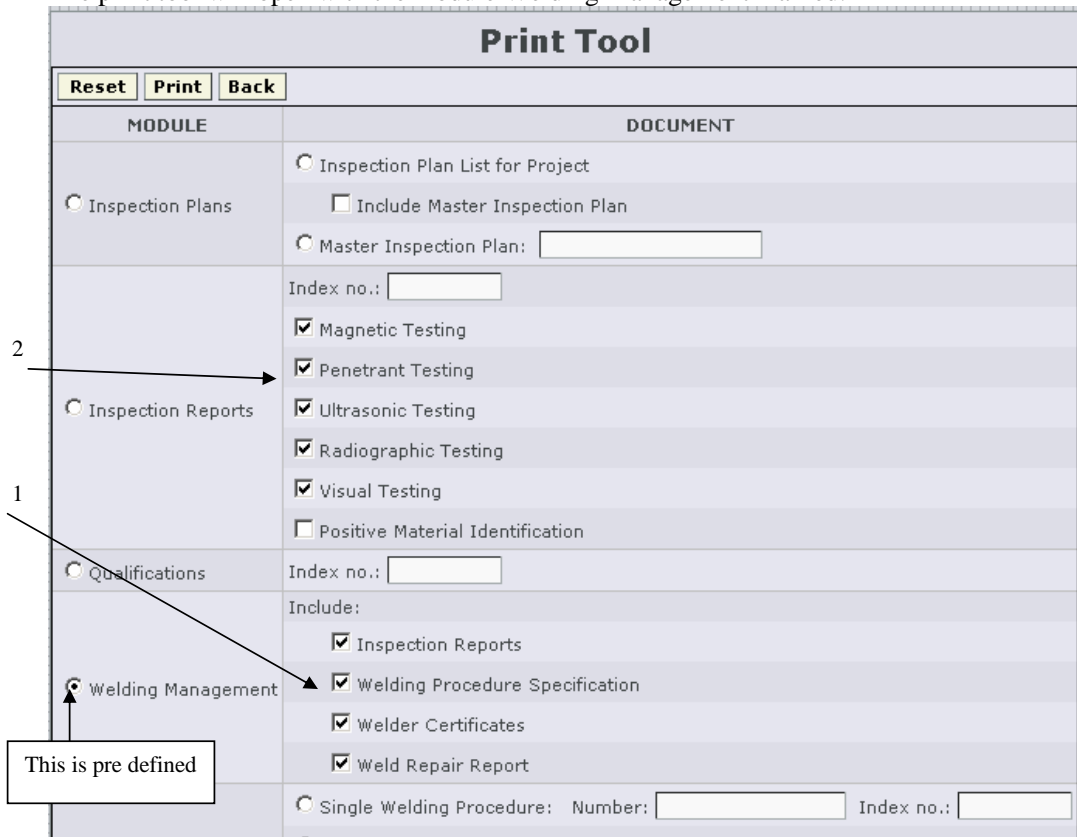
Introduction

In WeldEye there is a possibility to print out a Weld Summary List with content based on your print selection. The print job will either go to the e-mail address set in the print tool, or to a catalogue. This depends on installation type. Normally the print job will be sent to an e-mail address.

To print out a list, please do the following:

1. Open the Weld Summary List you want to print. How to open WSL is described in chapter 10.
2. Drag your cursor to the print icon on top menu. A sub menu will appear.
3. Click on *Print document*.

The print tool will open with the module Welding Management marked:



MODULE	DOCUMENT
<input type="radio"/> Inspection Plans	<input type="radio"/> Inspection Plan List for Project <input type="checkbox"/> Include Master Inspection Plan <input type="radio"/> Master Inspection Plan: <input type="text"/>
<input type="radio"/> Inspection Reports	Index no.: <input type="text"/> <input checked="" type="checkbox"/> Magnetic Testing <input checked="" type="checkbox"/> Penetrant Testing <input checked="" type="checkbox"/> Ultrasonic Testing <input checked="" type="checkbox"/> Radiographic Testing <input checked="" type="checkbox"/> Visual Testing <input type="checkbox"/> Positive Material Identification
<input type="radio"/> Qualifications	Index no.: <input type="text"/> Include: <input checked="" type="checkbox"/> Inspection Reports <input checked="" type="checkbox"/> Welding Procedure Specification <input checked="" type="checkbox"/> Welder Certificates <input checked="" type="checkbox"/> Weld Repair Report
<input checked="" type="radio"/> Welding Management	<input type="radio"/> Single Welding Procedure: Number: <input type="text"/> Index no.: <input type="text"/>

1 Tag off in check boxes what to include in the print job.

2 Tag off the type of inspection reports you want to include in the print job.

This defined print job will result in print out of:

- The current Weld Summary List
- Inspection Reports referred to in current WSL/WV.
- WPS's referred to in current WSL/WV
- Certificates to the welders referred to in current WSL/WV
- Weld repair reports referred to in current WSL/WV

This is from the setting in area 1 on picture above.

In area 2 on picture above, it is set what type of inspection reports to include in the print job. (MT, PT, UT, RT and VT.)

5.2.4 Print out of a project

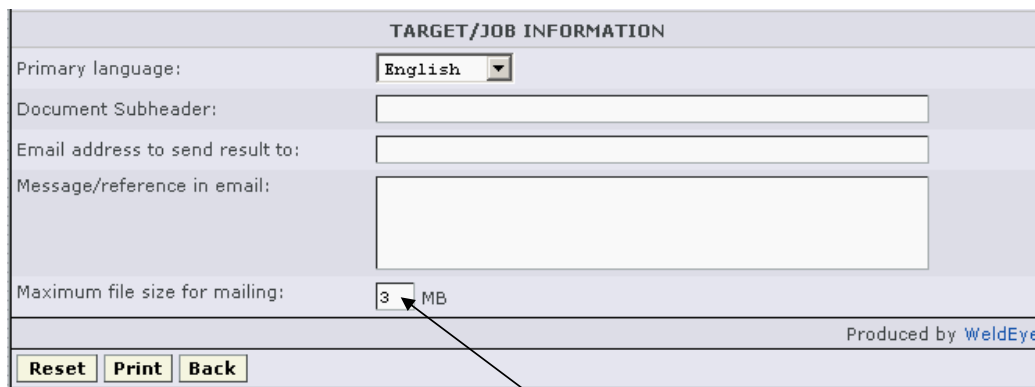
To print out documentation for a project please do the following:

1. Make sure that the project you want to print from is chosen in the project field on the top menu.
2. Open the print tool (*Tools->Print Tool* from left side menu. *Print button->Print Tool* from top menu) Print tool will open with only the project predefined.
3. Tag off the documents to be included in the print job.
4. Click on the print button.

5.2.5 Download

All print jobs will go to your email and to the server. If the size of the file is less than the pre-defined maximum file size, the file will be sent to e-mail and the server. The default maximum file size is 3 MB. If required, you can change this maximum file size.

If the file size exceeds the maximum limit set in Print Tool (See 1 below), the print job will not be sent to your e-mail, but will be available from *Tools->Download* in the left side menu. Then you can open it from there for saving the file or print it.



TARGET/JOB INFORMATION	
Primary language:	English
Document Subheader:	
Email address to send result to:	
Message/reference in email:	
Maximum file size for mailing:	3 MB
Produced by WeldEye	
Reset Print Back	

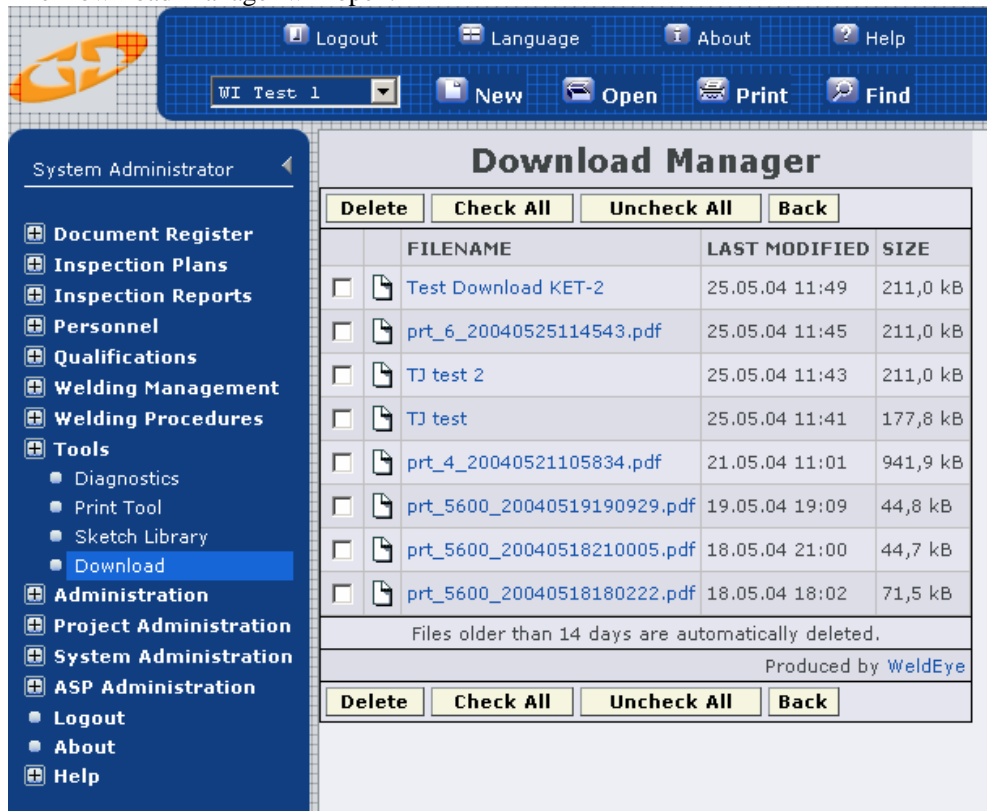
1

5.2.5.1 Open Download Manager

To open the Download Manager, please do the following:

1. Click on *Tools->Download* in left side menu

The Download Manager will open:



Download Manager			
Delete Check All Uncheck All Back			
	FILENAME	LAST MODIFIED	SIZE
<input type="checkbox"/>	Test Download KET-2	25.05.04 11:49	211,0 kB
<input type="checkbox"/>	prt_6_20040525114543.pdf	25.05.04 11:45	211,0 kB
<input type="checkbox"/>	TJ test 2	25.05.04 11:43	211,0 kB
<input type="checkbox"/>	TJ test	25.05.04 11:41	177,8 kB
<input type="checkbox"/>	prt_4_20040521105834.pdf	21.05.04 11:01	941,9 kB
<input type="checkbox"/>	prt_5600_20040519190929.pdf	19.05.04 19:09	44,8 kB
<input type="checkbox"/>	prt_5600_20040518210005.pdf	18.05.04 21:00	44,7 kB
<input type="checkbox"/>	prt_5600_20040518180222.pdf	18.05.04 18:02	71,5 kB

Files older than 14 days are automatically deleted.

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Delete Check All Uncheck All Back

Explanation to the buttons:

- Delete** Delete the files marked in the check box(es)
- Check All** Mark all check boxes
- Uncheck All** Remove the marks in marked check boxes.
- Back** Take you back to the previous page.

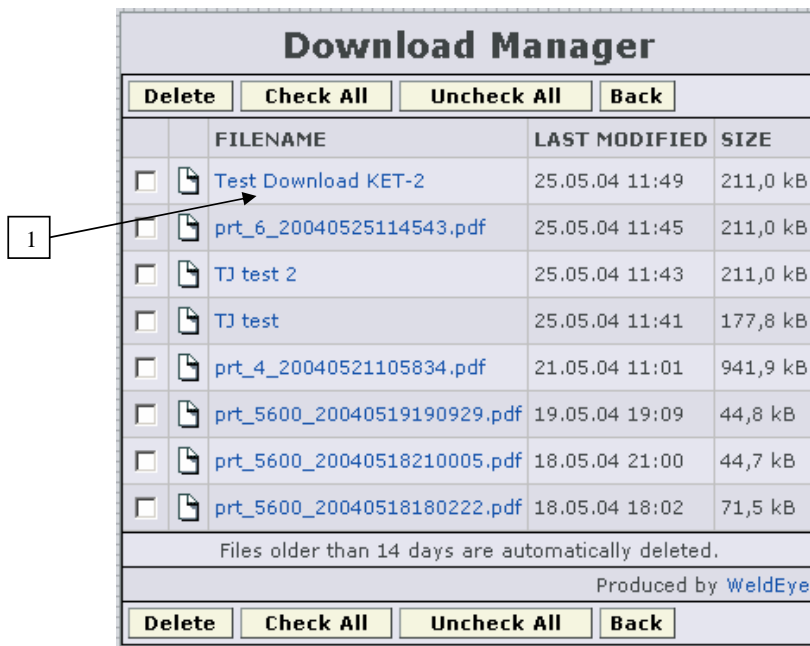
Explanation to the coloumns:

FILE NAME: The name of the file. You can give the file a name by insert the wanted name in Print Tool field: Message/reference in email. If nothing is inserted in this field, WeldEye will create a unique name for the file.

LAST MODIFIED: The date the file was last modified.

FILE SIZE: Information of the file size in kilobytes.

5.2.5.2 Handling of files in Download Manager



Download Manager				
Delete		Check All	Uncheck All	Back
	FILENAME	LAST MODIFIED	SIZE	
<input type="checkbox"/>	Test Download KET-2	25.05.04 11:49	211,0 kB	
<input type="checkbox"/>	prt_6_20040525114543.pdf	25.05.04 11:45	211,0 kB	
<input type="checkbox"/>	TJ test 2	25.05.04 11:43	211,0 kB	
<input type="checkbox"/>	TJ test	25.05.04 11:41	177,8 kB	
<input type="checkbox"/>	prt_4_20040521105834.pdf	21.05.04 11:01	941,9 kB	
<input type="checkbox"/>	prt_5600_20040519190929.pdf	19.05.04 19:09	44,8 kB	
<input type="checkbox"/>	prt_5600_20040518210005.pdf	18.05.04 21:00	44,7 kB	
<input type="checkbox"/>	prt_5600_20040518180222.pdf	18.05.04 18:02	71,5 kB	

Files older than 14 days are automatically deleted.

Produced by [WeldEye](#)

| Delete | | Check All | Uncheck All | Back |

The file name marked 1 above is a hyperlink that will open your printout in Adobe Reader. When opened, you have the choice to print it out or save it to disk.

If you want to delete the file, just mark the check box and click on the *Delete* button. A confirmation message will appear. If you want to delete the checked file, click OK, if not click Cancel.