



Shop Settings Manager User Guide

Shop Settings Manager is a product of PROCAD software. It is designed for use with PROCAD SPOOLCAD's products.

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Table of Contents

About Shop Settings Manager	1
Navigating the Shop Settings Manager	1
Definitions	2
Starting Shop Settings Manager	3
 Shop Settings Manager Procedures	 4
Opening an Existing Shop Setting.....	4
Exporting a Shop Setting.....	4
Importing a Shop Setting.....	5
Apply Weld Gaps to Options.....	5
Weld ID Tags Options.....	6
Omitting Letters from the Weld IDs.....	6
Weld Tag Shape.....	6
Weld Tag Leader Line.....	6
Butt Weld Pipe End Preparation.....	7
Socket Weld Pipe End Preparation.....	7
Threaded Weld Pipe End Preparation	7
Weld Gap Table.....	7
Configuring the Weld List.....	8
Weld List CAD Options	9
Configuring the Weld Count List	9
Weld Count List CAD Options	10
Stub-in Cutback Dimensions	10
Changing the Material Weight List	10
Pipe End Types	10
Labor Code	11
Material Abbreviations	11
Schedule Abbreviations.....	11
Labor Code Format for Welds.....	12
Labor Code Format for Pipes	12
Auto Include Labor Codes.....	13
Labor Code Groups	13
Labor Code Library	13
Process Labor Code File.....	14
Surface area	14
 Dialog Boxes	 15
Shop Settings Manager Dialog Box	15
General Settings Dialog Box	16
Weld Gap Table Dialog Box	17
Weld List Configuration Dialog Box	18

Weld List CAD Options Dialog Box.....	19
Weld List Preview Dialog Box.....	20
Weld Count Configuration Dialog Box.....	21
Weld Count CAD Options Dialog Box	22
Weld Count Preview Dialog Box	23
Stub Configuration Dialog Box.....	24
Material Weight List Dialog Box	25
Pipe End Types Dialog Box	26
Material Abbreviations Dialog Box	27
Schedule Abbreviations Dialog Box	28
Labor Code Format for Welds Dialog Box	29
Labor Code Format for Pipes Dialog Box.....	30
Auto Include Labor Codes Dialog Box	32
Labor Code Library Dialog Box.....	33
Labor Code Groups Dialog Box.....	34
Surface Area List Dialog Box	35
 Menus.....	 37
File Menu.....	37
View Menu	37
Configuration Menu.....	37
Weight Menu	38
Labor Code Menu	38
Weld Gap Tables Menu	38
Surface Area Menu	38
Window Menu	39
Help Menu	39
Right-click Menus	40
Shop Settings Manager Directory Toolbar Right-click Menu.....	40
 Index.....	 41

About Shop Settings Manager

PROCAD SPOOLCAD's Shop Settings Manager allows you to customize settings for the fabrication portion of the software.

Using Shop Settings Manager you can assign parameters including:

- Fabrication settings
- Weld ID settings
- Weld gaps
- Weld list
- Material weight list
- Labor Codes

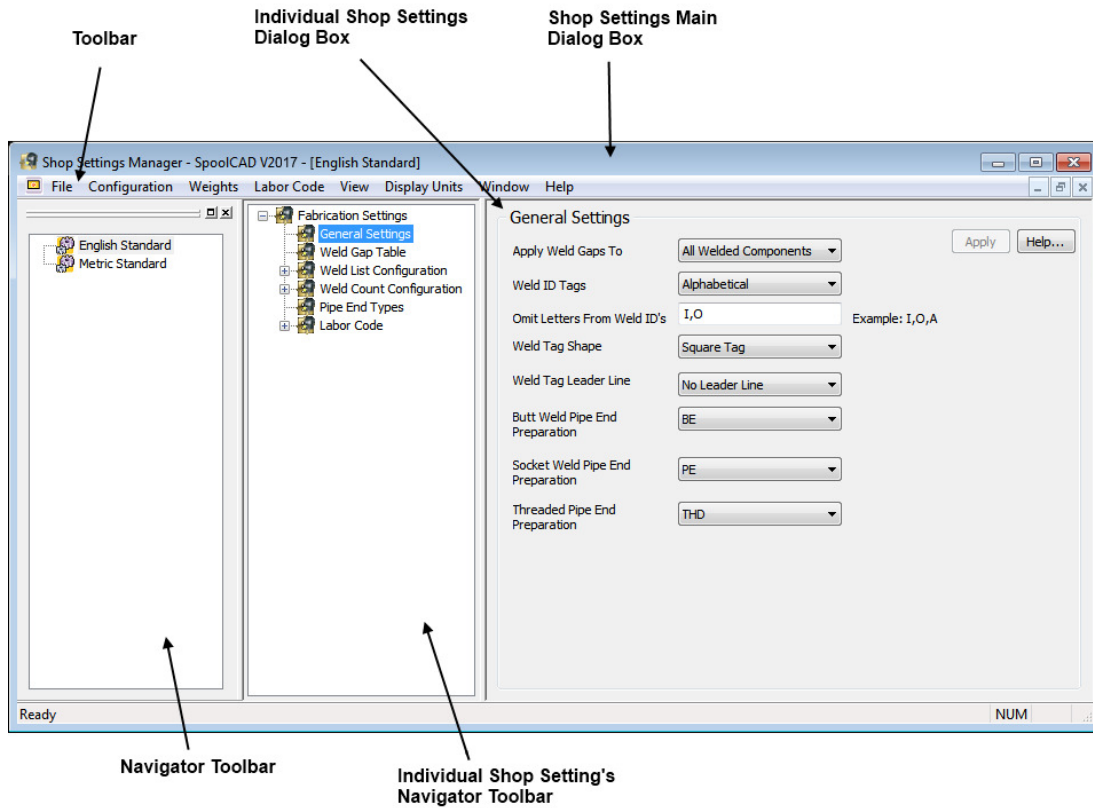
Navigating the Shop Settings Manager

The **Shop Settings Manager *Application*** window is the main dialog box. You can open and view several shop settings that are associated with each standards.

The Navigator Bar is a movable toolbar that displays standards in a tree **structure**. Use this toolbar to open a desired standard.

The Shop Settings Manager window (right side of the image below) displays the shop settings for the selected standard, which has its own navigation tool bar. You can view the shop settings for multiple standards in the data pane.

The toolbar, main menus, and context windows provide access to all software functions.

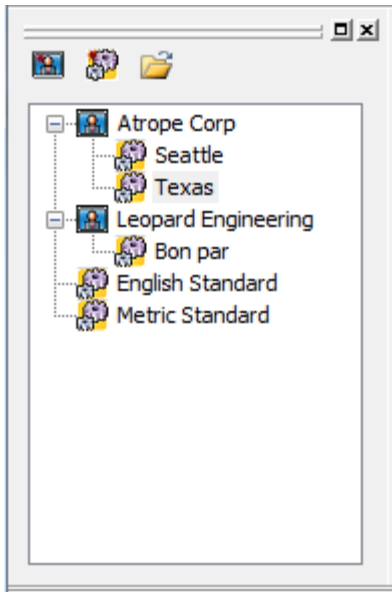


Definitions

To effectively use the Shop Settings Manager, it is important to understand the concept of a unique Shop Setting.

Shop Settings

One shop setting will control the settings for the fabrication options. Each shop setting may have the same settings globally applied to all of its drawings through the Shop Settings Manager.

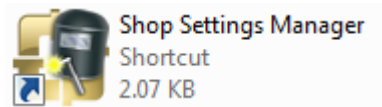


Starting Shop Settings Manager

To start Shop Settings Manager...

In the PROCAD SPOOLCAD or PROCAD SPOOLCAD+ folder, double-click the Shop Settings Manager icon.

SPOOLCAD



The **Shop Settings Manager** dialog box opens.

Continue by opening an existing Shop Settings.

Shop Settings Manager Procedures

Opening an Existing Shop Setting

Use this procedure to open a previously created Shop Setting.

To open a shop setting...

1. Click to highlight the standard name you want to open.

2. Click the **Open Shop Setting** button. 

-or-

Select **Open** from the **Shop Setting** menu

-or-

Right-click and select **Open** from the context menu.

The shop setting opens in the Shop Settings Manager window.

Exporting a Shop Setting

To export a Shop Setting....

1. From the **Shop Setting** menu select **Export**.

-or-

Right click on the Standard name and select **Export** from the context menu

2. In the **Save Shop Setting As** dialog, navigate to the location that you wish to save the exported file.
3. Enter the name of the exported file.
4. Click the **Save** button.

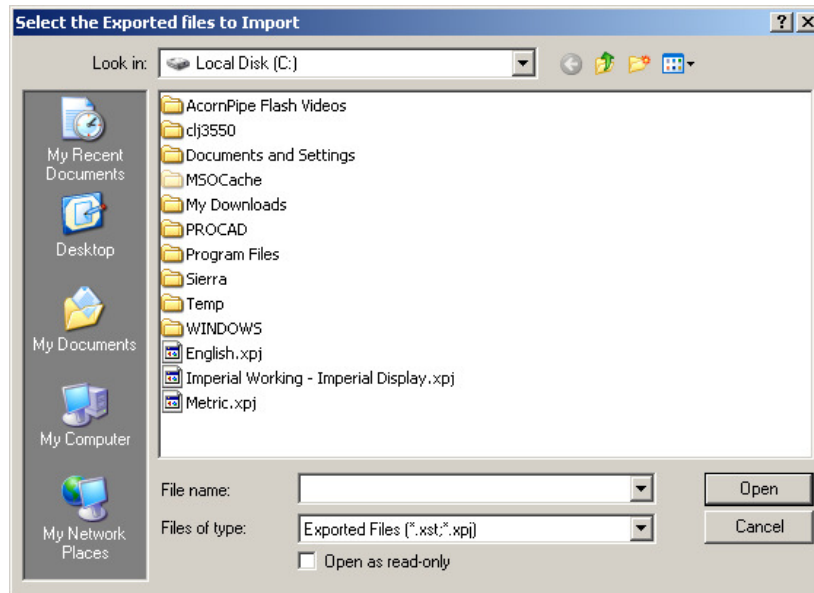
Importing a Shop Setting

To import a Shop Setting....

1. From the **Shop Setting** menu select **Import**.

-or-

Right click on the Standard name and select **Import** from the context menu.



2. In the **Select the Exported files to Import** dialog, navigate to the location of the *.xps file.
3. Highlight the file name.
4. Click the **Open** button. The **Shop Setting** attaches itself to the Standard name.

Apply Weld Gaps to Options

To change a Weld Gap setting...

1. From the **Shop Setting** menu select a standard to change the Shop Settings.
2. Under the **General Settings**, you can choose the **Apply Weld Gaps To** settings:

Choose **No Weld Gap** to not include weld gaps

Choose **All Welded Components** to include weld gaps on welded components

Choose **Pipe only** to include weld gaps on pipes only

Weld ID Tags Options

To change a Weld ID Tags setting...

1. From the **Shop Setting** menu select a standard to change the Shop Settings.
2. Under the **General Settings**, you can choose the **Weld ID** settings
Choose **Alphabetical** will place Weld ID's using letters
Choose **Numerical** will place Weld ID's using numbers

Omitting Letters from the Weld IDs

Note: This option is only available if you chose **Alphabetical** in the **Weld List** setting.

To omit letters from the Weld ID...

1. From the **Shop Setting** menu select a standard to change the Shop Settings.
2. Under the **General Settings**, you can choose the **Omitted Letters** settings
3. Enter the letters that you would like to omit from the **Weld List**. Separating each letter with a comma is not necessary.
Eg. O,I,Z

Weld Tag Shape

To change the shape of the weld tag...

1. From the **Shop Setting** menu select a standard to change the Shop Settings.
2. Under the **General Settings**, you can choose the **Weld Tag Shape** setting
Choose **Circle Tag** for circular shaped weld tags
Choose **Square Tag** for square shaped weld tags
Choose **Diamond Tag** for diamond shaped weld tags

Weld Tag Leader Line

To add or remove weld tag leader lines...

1. From the **Shop Setting** menu select a standard to change the Shop Settings.
2. Under the **General Settings**, you can choose the **Weld Tag Leader Line** setting
Choose **No Leader Line** to place weld tags with no leader lines
Choose **Draw Leader Line** to place weld tags that include leader lines

Butt Weld Pipe End Preparation

To add tags for butt weld pipe end preparations...

1. From the **Shop Setting** menu select a standard to change the Shop Settings.
2. Under the **General Settings**, you can choose the **Butt Weld Pipe End Preparation** setting
3. Enter the description for the butt weld pipe end preparation

Socket Weld Pipe End Preparation

To add tags for socket weld pipe end preparations...

1. From the **Shop Setting** menu select a standard to change the Shop Settings.
2. Under the **General Settings**, you can choose the **Socket Weld Pipe End Preparation** setting
3. Enter the description for the socket weld pipe end preparation

Threaded Weld Pipe End Preparation

To add tags for socket weld pipe end preparations...

1. From the **Shop Setting** menu select a standard to change the Shop Settings.
2. Under the **General Settings**, you can choose the **Threaded Pipe End Preparation** setting
3. Enter the description for the threaded pipe end preparation

Weld Gap Table

To change a Weld Gap setting...

1. From the **Shop Setting** menu select a standard to change the Shop Settings.
2. Under the **Weld Gap Table**, you can choose the weld gap for each size:
 - a. Choose a pipe size from the size dropdown list
 - b. Enter the weld gap value
 - c. Click **Add** to add the weld gaps and size to the weld gap table
 - i. Clicking the Add Butt Weld Gap button will add to the butt weld column

- ii. Clicking the Add Socket Weld Gap button will add to the socket weld column
3. Optionally, you can use the default or copy command to populate the weld gap table
 - a. Choose the **Use Default Settings** command to apply the default weld gap values to the weld gap table.
 - b. Choose the **Copy from Existing Shop Settings** to copy the weld gap values from an existing shop settings.




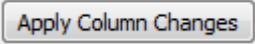
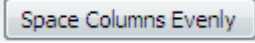

Note: The size will automatically increase to the next available size. If the weld gap for the next size is the same, you can click add again to quickly add the information to the table.


Configuring the Weld List

To change the information displayed in the Weld List...

1. From the **Shop Setting** menu select a standard to change the Shop Settings.
2. Under **Weld List Configuration**, you can change the appearance and information of the **Weld List**.

Using the **Weld List Configuration**, you can add, remove, edit and resize columns on your **Weld List**. You may also change the font size and type of the weld list.

In this field...	Enter/Do this...
Weld List Title (grey cells)	This is the current font setting for the title on the Weld List. To change the font, click the corresponding Select Font button. 
Weld List Item (grey cells)	This is the current font setting for the items in the Weld List. To change the font, click the corresponding Select Font button. 
Column Settings	This is where you can adjust, add or remove certain columns that will be displayed in the Weld List. To use options associated with the columns, click the edit button. 
	Click to apply the changes to the columns
	Click to space the columns evenly
	Click to apply the changes.

	Click to access the Help dialog box.
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Weld List CAD Options




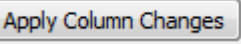
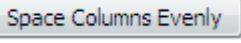


Using the **Weld List CAD Options**, you can adjust different aspects of the **Weld List**. You can change the maximum height, the width and the spacing within the **Weld List**. When the weld list has reached its maximum height, it will automatically wrap the column. You can use the options here to wrap the column to the left or right. For more information on the changes refer to [Weld List CAD Options Dialog Box](#) Section.

Configuring the Weld Count List

To change the information displayed in the Weld Count List...

1. From the **Shop Setting** menu select a standard to change the Shop Settings.
2. Under **Weld Count Configuration**, you can change the appearance and information of the **Weld Count List**.

Using the **Weld Count Configuration**, you can add, remove, edit and resize columns on your **Weld Count List**. You may also change the font size and type of the weld list.

In this field...	Enter/Do this...
Weld List Title (grey cells)	This is the current font setting for the title on the Weld Count List. To change the font, click the corresponding Select Font button. 
Weld List Item (grey cells)	This is the current font setting for the items in the Weld Count List. To change the font, click the corresponding Select Font button. 
Column Settings	This is where you can adjust, add or remove certain columns that will be displayed in the Weld Count List. To use options associated with the columns, click the edit button. 
	Click to apply the changes to the columns
	Click to space the columns evenly
	Click to apply the changes.
	Click to access the Help dialog box.

Weld Count List CAD Options

Using the **Weld Count List CAD Options**, you can adjust different aspects of the **Weld Count List**. You can change the maximum height, the width and the spacing within the **Weld Count List**. When the weld list has reached its maximum height, it will automatically wrap the column. You can use the options here to wrap the column to the left or right. For more information on the changes refer to [Weld Count CAD Options Dialog Box](#) Section.

Stub-in Cutback Dimensions

To change the stub-in cutback dimensions in the Shop Settings Manager...

Note: This change is global to all Shop Settings and will be applied to all existing settings.

1. From the **Shop Setting** toolbar select **Configuration** and choose **Stub-in Cutback Dimensions** to open the **Stub Configuration dialog box**.
2. Choose either Metric or English unit to change the stub cutback distance in that unit.
3. Select a pipe size and change the cutback distance by clicking the value and typing in the new value.

Changing the Material Weight List

To change the Material Weight List in the Shop Settings Manager...

Note: This change is global to all Shop Settings and will be applied to all existing settings.

1. Select a **Material Group** from the drop down list.
2. In the Components tree structure, browse down to a component type (Listed in **bold**).
3. The settings list will be displayed on the right side panel. The default values for component sizes and schedules will be displayed.
4. To change the weights, click on the weight and type in the new value.

Pipe End Types

To add or remove Pipe End Types in the Shop Settings Manager...

Note: This change is local to the Standards that you are changing it for. This setting will not apply to all other Standards.

1. To add a pipe end information:
 - a. Enter the information for the **Pipe End Type, Abbreviation, Default Labor Code, and description**.

- b. Click the **Add** button and you will see it on the list.
 2. To remove pipe end information:
 - a. Select the **Pipe End Type** from the list.
 - b. Click the **Delete** button and it will remove it from the list.
 3. After you add or remove the Pipe end information, you will need to click **Apply** to apply the changes.

Labor Code

The Labor Code section of the Shop Settings Manager is used to develop the format and information used to generate Labor Codes. The Labor Code have a few sections that you will need to develop and change to satisfy your company's requirement. The next few sections will breakdown what you can change to produce the labor code that suits your company.

Note: These changes are local to the standard that you have opened. It will not apply the codes to all existing standards.

Material Abbreviations

To change the Material Abbreviations in the Shop Settings Manager...

Note: This change is local to the Standards that you are changing it for. This setting will not apply to all other Standards.

1. Select the **Material Abbreviations** section in the **Labor Code** tab.
2. Select a Material Group from the Material Group drop down box.
3. The list of Material Grades will update depending on the Material Group selected.
4. Choose the Material Grade you want to change the abbreviation for.
5. Use the Abbreviation section to change the code for the Material Grade selected.
6. Click **Apply** to save the changes.
7. Click **Clear** to remove the abbreviation from the selected Material Grade.

Schedule Abbreviations

To change the Schedule Abbreviations in the Shop Settings Manager...

Note: This change is local to the Standards that you are changing it for. This setting will not apply to all other Standards.

1. Select the **Schedule Abbreviations** section in the **Labor Code** tab.

2. Select a schedule from the list.
3. The Schedule and Abbreviation section gets filled with the default values.
4. You can change the abbreviation section and click **Apply** to save the changes.
5. The **Clear** button will remove the selected abbreviation.

Labor Code Format for Welds

To change the Labor Code Format for Welds in the Shop Settings Manager...

Note: This change is local to the Standards that you are changing it for. This setting will not apply to all other Standards.

1. Select the **Labor Code Format for Welds** option in the **Labor Code** section of the Shop Settings Manager.
2. A preset format is already provided. You can use the Sample space to see how the Labor Code appears.
3. To add more information to the Labor Code, you can select from the Available tags from the list and click the >> button to move it to the right side.
4. You can add Separators using the [**Separator**] option and inputting the delimiter in the text box. Then click the >> button to move it to the right side.
5. You can also rearrange the order in which the Labor Code appears by using the **Up** and **Down** button to move the tags up and down.
6. Click **Apply** to save the settings.

Labor Code Format for Pipes

To change the Labor Code Format for Pipes in the Shop Settings Manager...

Note: This change is local to the Standards that you are changing it for. This setting will not apply to all other Standards.

1. Select the **Labor Code Format for Pipes** option in the **Labor Code** section of the Shop Settings Manager.
2. A preset format is already provided. You can use the Sample space to see how the Labor Code appears.
3. To add more information to the Labor Code, you can select from the Available tags from the list and click the >> button to move it to the right side.
4. You can add Separators using the [**Separator**] option and inputting the delimiter in the text box. Then click the >> button to move it to the right side.
5. You can also rearrange the order in which the Labor Code appears by using the **Up** and **Down** button to move the tags up and down.

6. Click **Apply** to save the settings.

Auto Include Labor Codes

To change the Auto Include Labor Codes in the Shop Settings Manager...

Note: This change is local to the Standards that you are changing it for. This setting will not apply to all other Standards.

1. Select the **Auto Include Labor Code** option in the **Labor Code** section of the Shop Settings Manager.
2. You can either enter the Labor code manually or use the **Look Up** option to look up pre-existing labor codes.
3. You can enter the Labor Code Description as well as the Labor Code Count.
4. Click the **Add** button to add the new labor code information to the list.
5. Select the Labor Code from the list and click **Delete** to remove the labor code from the list.
6. Click **Apply** to apply the changes

Labor Code Groups

To change the Labor Code Groups in the Shop Settings Manager...

Note: This change is global to all Shop Settings and will be applied to all existing settings.

1. Select the **Labor Code Groups** option in the **Labor Code Menu**.
2. The **Labor Code Groups dialog box** will appear.
3. You can fill in the Group name and Group Description section.
4. Click **Add** to add the Labor Code Group to the list.
5. Select a Labor Code Group from the list to edit or click **Delete** to remove it.
6. Click **Apply** to apply the changes.

Labor Code Library

To change the Labor Code Library in the Shop Settings Manager...

Note: This change is global to all Shop Settings and will be applied to all existing settings.

1. Select the **Labor Code Library** option in the **Labor Code Menu**.
2. The **Labor Code Library dialog box** will appear.
3. You can choose a Group to add the labor codes to.

4. You can fill in the Labor Code name and Description section.
5. Click **Add** to add the Labor Code to the list.
6. Select a Labor Code from the list to edit or click **Delete** to remove it.
7. Click **Apply** to apply the changes.

Process Labor Code File

To Process a Labor Code File in the Shop Settings Manager...

Note: To access the **Process Labor Code File** option, you will need to close all opened shop settings windows first.

1. Select **Process Labor Code File** from the Labor Code menu.
2. This will open a browser window asking you to find a labor cost code file (.lcc)
3. Once you have found the file to open, the **Labor Code dialog box** appears.
4. Using this dialog box, you can see a list of the pipe and weld information.
5. You can use this to review, add, edit or change the information in the labor code file. Then you can export it as another file or save as another file.
6. Click **Cancel** to exit the dialog box.

Surface area

To change the Surface Area for components in the Shop Settings Manager...

Note: This change will apply for all Standards.

1. Select the **Surface Area** option in the Shop Settings Manager.
2. You can explore the surface area by navigating on the left menu to the specific component. This will display the surface area on the right menu.
3. To change the surface area value, you can enter the values for each size and each component.
4. Click **Apply** to save the settings.

Dialog Boxes

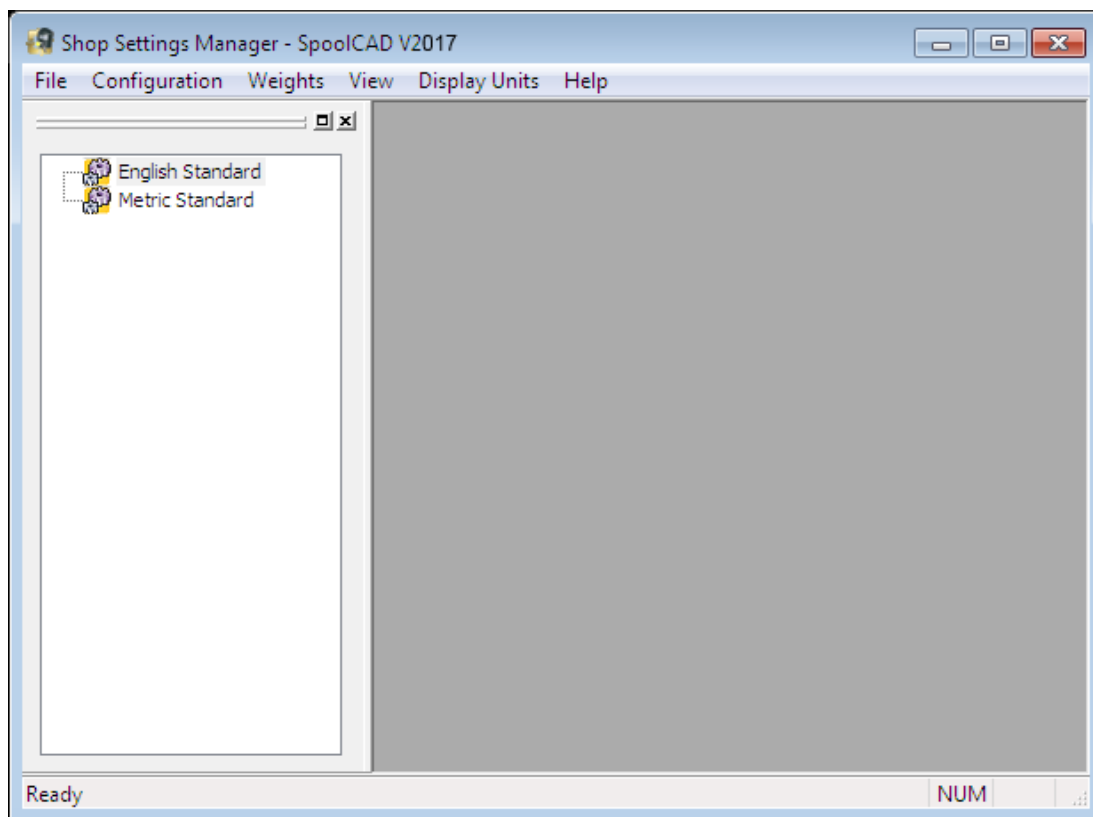
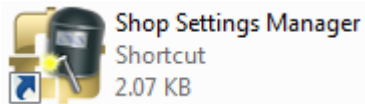
Shop Settings Manager Dialog Box


Use this dialog box to open an existing standard, create a new standard, or edit standard parameters.

To access this dialog box...

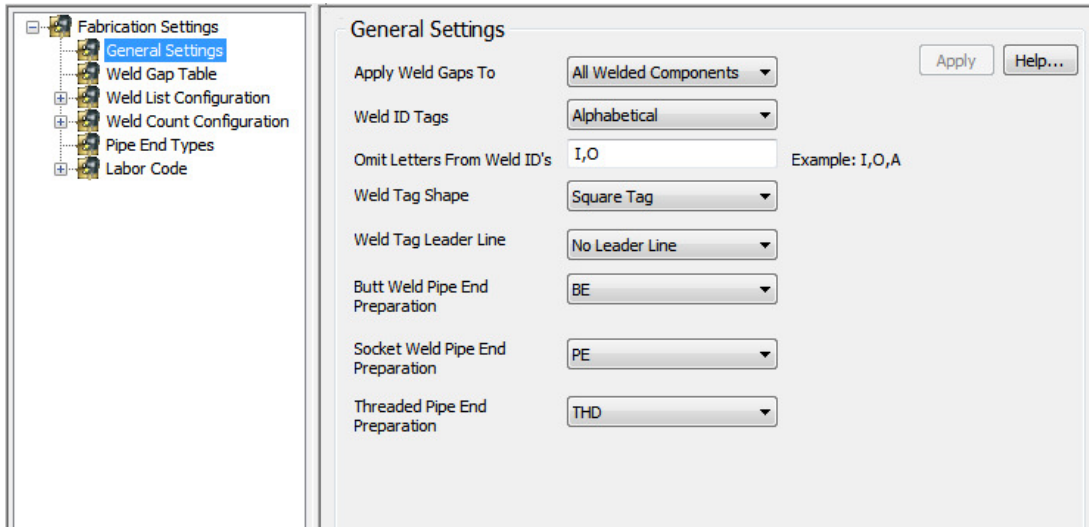
In the PROCAD SPOOLCAD or PROCAD SPOOLCAD+ folder, double-click the **Shop Settings Manager** icon.

SPOOLCAD



Click this button...	To...
	Click to open a Shop Settings.

General Settings Dialog Box



To access this dialog box...

In the **Shop Settings Manager** Dialog box, click the **General settings** tab.

In this field...	Enter/Do this...
Apply Weld Gaps To	Displays the option for adding weld gaps.
Weld ID Tags	Displays the format for Weld ID.
Omitted Letters From Weld IDs	Allows the user to input letters to omit from the Weld ID.
Weld Tag Shape	Use the Weld Tag Shape to select the shape of the weld ID balloons. You can select either circular, square or diamond.
Weld Tag Leader Line	Use the Weld Tag Leader Line to enable or disable leader lines on weld tags.
Butt Weld Pipe End Prep	Use this to enter the description for the preparation on butt welded pipe ends.
Socket Weld Pipe End Prep	Use this to enter the description for the preparation on socket welded pipe ends.
Apply	Click to apply the changes.
Help...	Click to access the Help dialog box.

Weld Gap Table Dialog Box

Weld Gaps

Apply Help...

Settings

Size: 1/8" Value:

Add Butt Weld Gap Add Socket Weld Gap



☒ Use Default Settings
☐ Copy from Existing Shop Settings
Metric Standard Apply

Size	Butt Weld (inch)	Socket Weld (inch)
1/8"	0.0	0.0
1/4"	0.0	0.0
3/8"	0.0	0.0
1/2"	0.0	0.0
3/4"	0.0	0.0
1"	0.0	0.0
1 1/4"	0.0	0.0
1 1/2"	0.0	0.0
2"	0.0	0.0
2 1/2"	0.0	0.0
3"	0.0	0.0
3 1/2"	0.0	0.0
4"	0.0	0.0
5"	0.0	0.0
6"	0.0	0.0
8"	0.0	0.0
10"	0.0	0.0
12"	0.0	0.0
14"	0.0	0.0
16"	0.0	0.0
18"	0.0	0.0
20"	0.0	0.0
22"	0.0	0.0
24"	0.0	0.0
26"	0.0	0.0
28"	0.0	0.0
30"	0.0	0.0
32"	0.0	0.0
34"	0.0	0.0

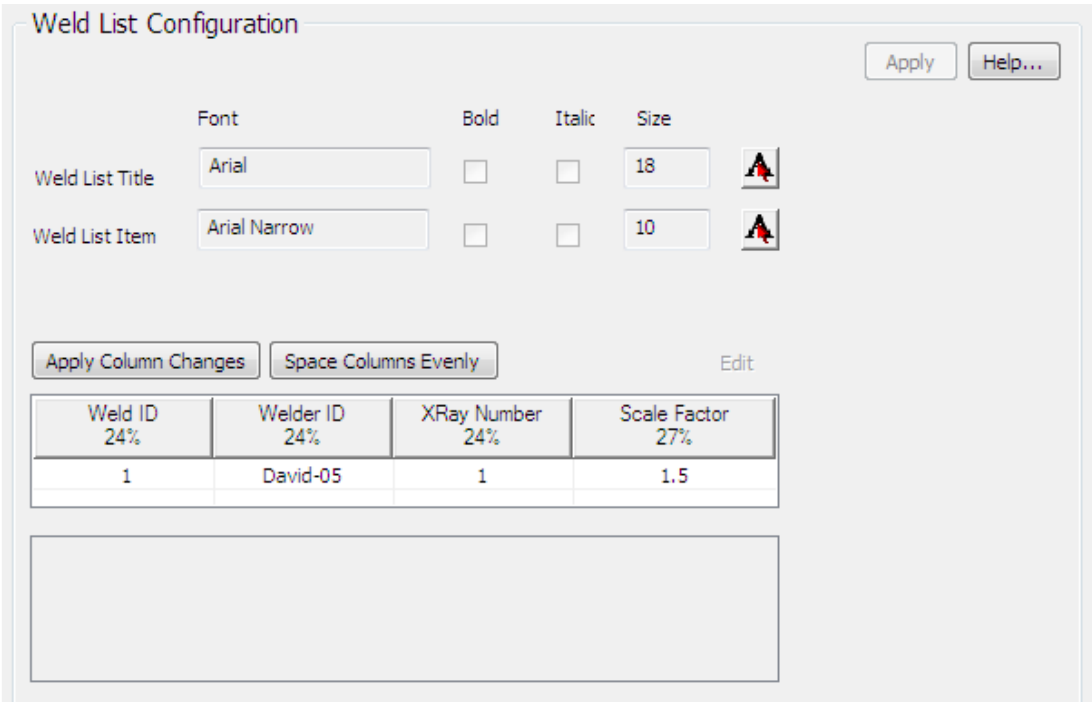
To access this dialog box...

In the **Shop Settings Manager** Dialog box, click the **Weld Gap Table** tab.

In this field...	Enter/Do this...
Settings List	Displays the weld gap for each size of pipe. You can click on each weld gap and change the value.
Size	Use this drop down list to select the size of pipe to add weld gaps values.
Value	Enter the value for the weld gap size.
Add Butt Weld Gap	Use the Add Butt Weld Gap button to add the pipe size and weld gap value to the butt weld gap list.
Add Socket Weld Gap	Use the Add Socket Weld Gap button to add the pipe size and weld gap value to the butt weld gap list.
Delete	Use the delete button to remove a value from the weld gap list.
Use Default Settings	Use this setting to apply the default setting for the weld gap table.
Copy From Existing Shop	Use the copy from existing shop settings to copy the

Settings	weld gap settings from and existing shop settings.
	Click to apply the changes.
	Click to access the Help dialog box.


Weld List Configuration Dialog Box




Weld List Configuration

Apply Help...

Font Bold Italic Size

Weld List Title Arial 18 

Weld List Item Arial Narrow 10 



Apply Column Changes Space Columns Evenly Edit

Weld ID 24%	Welder ID 24%	XRay Number 24%	Scale Factor 27%
1	David-05	1	1.5

To access this dialog box...

In the **Shop Settings Manager** Dialog box, click the **Weld List Configuration** tab.

Use this dialog box to add, remove and adjust the columns in the **Weld List**.

In this field...	Enter/Do this...
Weld List Title (grey cells)	This is the current font setting for the title on the Weld List. To change the font, click the corresponding Select Font button. 
Weld List Item (grey cells)	This is the current font setting for the items in the Weld List. To change the font, click the corresponding Select Font button. 
Column Settings	This is where you can adjust, add or remove certain

	columns that will be displayed in the Weld List. To use options associated with the columns, click the edit button. Edit
Apply Column Changes	Click to apply the changes to the columns
Space Columns Evenly	Click to space the columns evenly
Apply	Click to apply the changes.
Help...	Click to access the Help dialog box.

Weld List CAD Options Dialog Box

Weld List CAD Options

Weld List Width:

Max. Height:

Column Spacing:

Units: ☐ Millimeters ☒ Inches

Column Wrapping: ☒ Right to Left ☐ Left to Right

[Apply](#) [Help...](#)


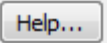
The diagram shows a grid with labels: Spacing (horizontal distance between columns), Width (total width of the grid), and Height (total height of the grid). The grid is labeled 'Weld List'.

To access this dialog box...

In the **Shop Settings Manager** Dialog box, click the **Weld List CAD Options** tab.

Use this dialog box to customize the appearance of the **Weld List** in your drawings.

In this field...	Enter/Do this...
Weld List Width	This is where you can specify the width of the Weld List. To change the width, delete the size and enter the new

	width.
Max. Height	This is where you can specify the maximum height of the Weld List. To change the height, delete the size and enter the new height.
Column Spacing	This is where you can specify the column spacing for the Weld List. To change the column spacing, delete the size and enter the new spacing size.
Units	This is where you can change the units from millimeters to inches.
Column Wrapping	This is where you can specify the table wrap direction.
	Click to apply the changes.
	Click to access the Help dialog box.

Weld List Preview Dialog Box



WELD LIST

Weld ID	Welder ID	XRay Number	Scale Factor
1	Sarah-03	9	3.0
2	Sarah-03	2	1.5
3	David-05	4	1.5
4	Jacky-01	8	3.0
5	John-02	4	2.5
6	Derrick-04	5	1.5

To access this dialog box...

In the **Shop Settings Manager** Dialog box, click the **Weld List Preview** tab.

This tab will show a preview of the changes you made to the **Weld List**. When you add, remove or adjust the size of a column, you can see the changes before you place a Weld List into your drawing.

Weld Count Configuration Dialog Box

Weld Count Configuration

Apply Help...

Font Bold Italic Size

Weld Count Title Arial ☐ ☐ 18

Weld Count Item Arial Narrow ☐ ☐ 10

Apply Column Changes Space Columns Evenly Edit

Weld Count 24%	Schedule 24%	Size 24%	Type 27%
10	SCH. 10S	4"	Butt Weld

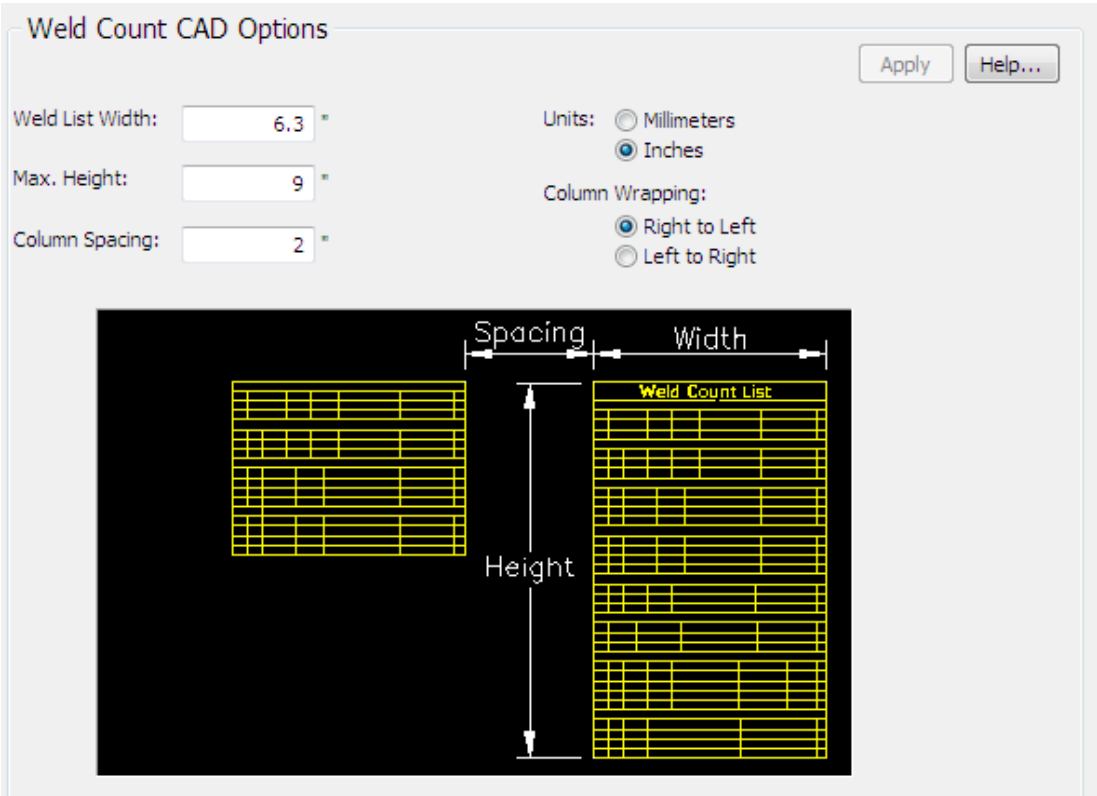
To access this dialog box...

In the **Shop Settings Manager** Dialog box, click the **Weld Count Configuration** tab.

Use this dialog box to add, remove and adjust the columns in the **Weld Count List**.

In this field...	Enter/Do this...
Weld Count Title (grey cells)	This is the current font setting for the title on the Weld Count List. To change the font, click the corresponding Select Font button.
Weld Count Item (grey cells)	This is the current font setting for the items in the Weld Count List. To change the font, click the corresponding Select Font button.
Column Settings	This is where you can adjust, add or remove certain columns that will be displayed in the Weld Count List. To use options associated with the columns, click the edit button. Edit
Apply Column Changes	Click to apply the changes to the columns
Space Columns Evenly	Click to space the columns evenly
Apply	Click to apply the changes.
Help...	Click to access the Help dialog box.


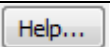
Weld Count CAD Options Dialog Box



To access this dialog box...

In the **Shop Settings Manager** Dialog box, click the **Weld Count CAD Options** tab.

Use this dialog box to customize the appearance of the **Weld Count List** in your drawings.

In this field...	Enter/Do this...
Weld Count Width	This is where you can specify the width of the Weld Count List. To change the width, delete the size and enter the new width.
Max. Height	This is where you can specify the maximum height of the Weld Count List. To change the height, delete the size and enter the new height.
Column Spacing	This is where you can specify the column spacing for the Weld Count List. To change the column spacing, delete the size and enter the new spacing size.
Units	This is where you can change the units from millimeters to inches.
Column Wrapping	This is where you can specify the table wrap direction.
	Click to apply the changes.
	Click to access the Help dialog box.

Weld Count Preview Dialog Box

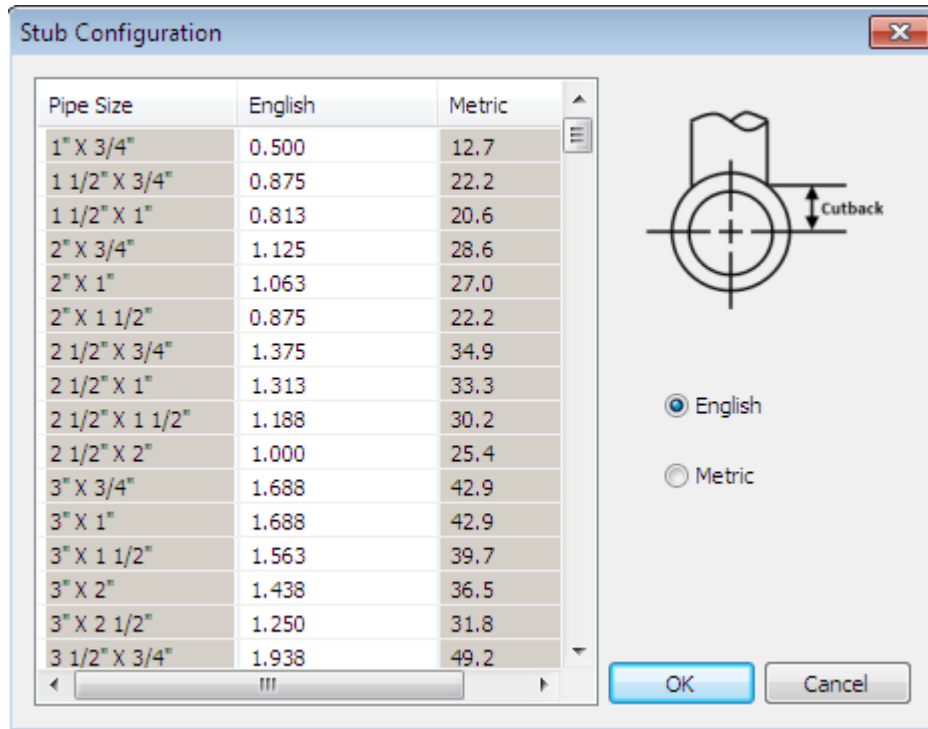
WELD COUNT			
Weld Count	Schedule	Size	Type
8	SCH.5S	1300mm	Socket Weld
12	STD	3mm	Butt Weld
8	SCH.160	15mm	Threaded
12	XXS	650mm	Socket Weld
8	XS	1500mm	Socket Weld
3	SCH.5S	1600mm	Butt Weld

To access this dialog box...

In the **Shop Settings Manager** Dialog box, click the **Weld Count Preview** tab.

This tab will show a preview of the changes you made to the **Weld Count List**. When you add, remove or adjust the size of a column, you can see the changes before you place a Weld Count List into your drawing.

Stub Configuration Dialog Box

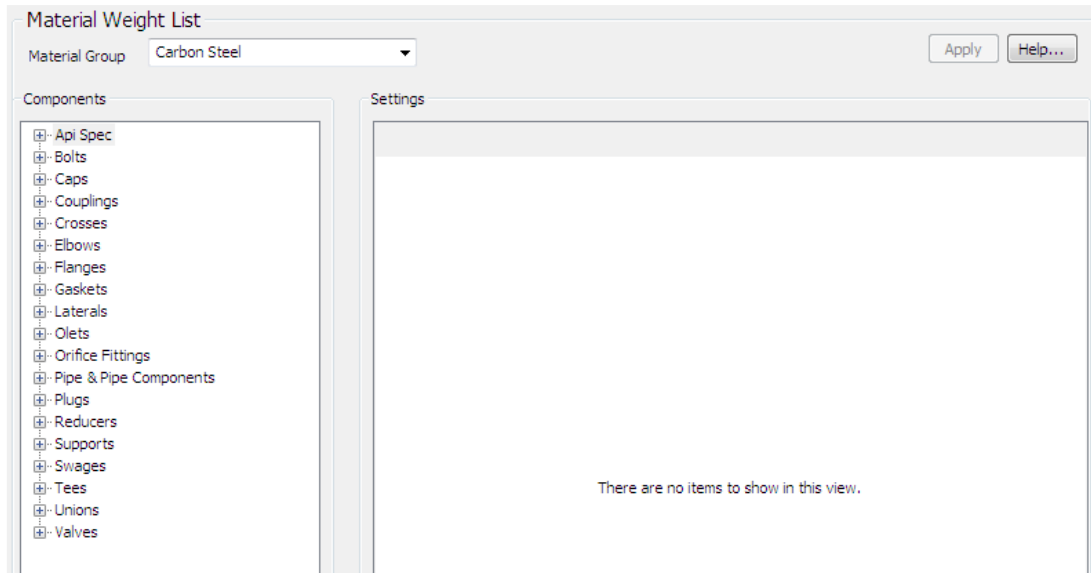


To access this dialog box...

In the **Shop Settings Manager** toolbar, click the **Configuration** tab and select **Stub**.

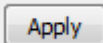
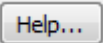
You can use this to change the stub values for each pair of pipe size.

Material Weight List Dialog Box



To access this dialog box...

In the **Shop Settings Manager** toolbar, click the **Weight** tab and select **Material Weight List**.

In this field...	Enter/Do this...
Material Group	This is where you can select the component group for which you want add a weight value
Components List	This is a list of components that are available to add a weight value
Settings	This will list the sizes and schedules of the selected component with the corresponding weight value. To change the weight, click the value and type in the new weight.
	Click to apply the changes.
	Click to access the Help dialog box.

Pipe End Types Dialog Box

Pipe End Types

Pipe End Type:

Abbreviation:

Default Labor Code:

Default Labor Code Description:

Add

Delete

Apply

Pipe End Type	Description	Abbreviation	Default Labor Code	
Beveled End	Beveled pipe end	BE	BE	
Plain End	Plain pipe end	PE	PE	
Threaded End	Threaded pipe end	THD	THD	

To access this dialog box...

In the **Shop Settings Manager**, open the standard and click on the **Pipe End Types** category.

In this field...	Enter/Do this...
Pipe End Type	This is where you can add the pipe end types you would like to use in the software.
Abbreviation	This is the abbreviation for the pipe end type.
Default Labor Code	This is where you can enter the labor code that will be used for the specified pipe end type.
Default Labor Code Description	This is the description for the default labor code.
Pipe End Type List	This lists the pipe end type that have been created.
<div>Add</div>	Click Add to add the information for the pipe end type to the list.
<div>Delete</div>	Click Delete to remove the selected pipe end type from the list.

<input type="button" value="Apply"/>	Click Apply to apply any changes that were made to the pipe end types.
--------------------------------------	-------------------------------------------------------------------------------

Material Abbreviations Dialog Box

Material Abbreviations

Material Group:

Material Grade:

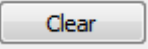
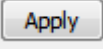
Abbreviation:

Material	Abbreviation
A105	CS
A106 GR. A	CS
A106 GR. B	CS
A234 GR. B	CS
A234 GR. WPB	CS
A333 GR. 1	CS
A333 GR. 6	CS
A350 GR. LF1	CS
A350 GR. LF2	CS
A420 GR. WPL6	CS
A53 GR. B	CS
API-5L-B	CS
API-605	CS
CS	CS

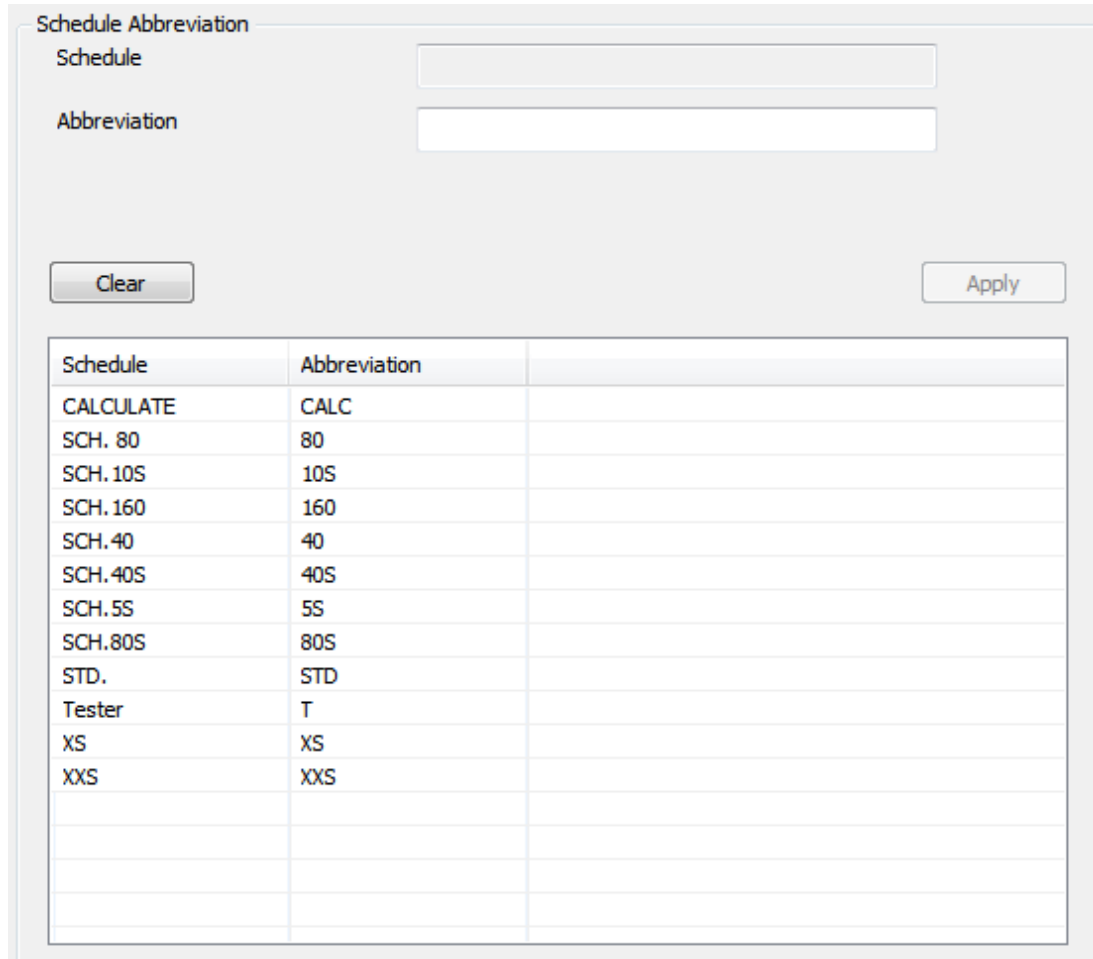
To access this dialog box...

In the **Shop Settings Manager**, open the standard and click on the **Material Abbreviations** category in the **Labor Code** Section.

In this field...	Enter/Do this...
Material Group	This is where you can select the Material Group to change the abbreviation for the material grade.
Material Grade	This will display the selected Material Grade from the provided list.
Abbreviation	This section is for you to enter the abbreviation for the selected material grade.
Material Grade List	This section list the material grades that are available in

	the selected material group.
	Click Clear remove the abbreviation from the selected material grade.
	Click Apply to apply any changes that were made to the material abbreviations list.

Schedule Abbreviations Dialog Box

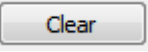
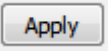


Schedule	Abbreviation
CALCULATE	CALC
SCH. 80	80
SCH. 10S	10S
SCH. 160	160
SCH. 40	40
SCH. 40S	40S
SCH. 5S	5S
SCH. 80S	80S
STD.	STD
Tester	T
XS	XS
XXS	XXS

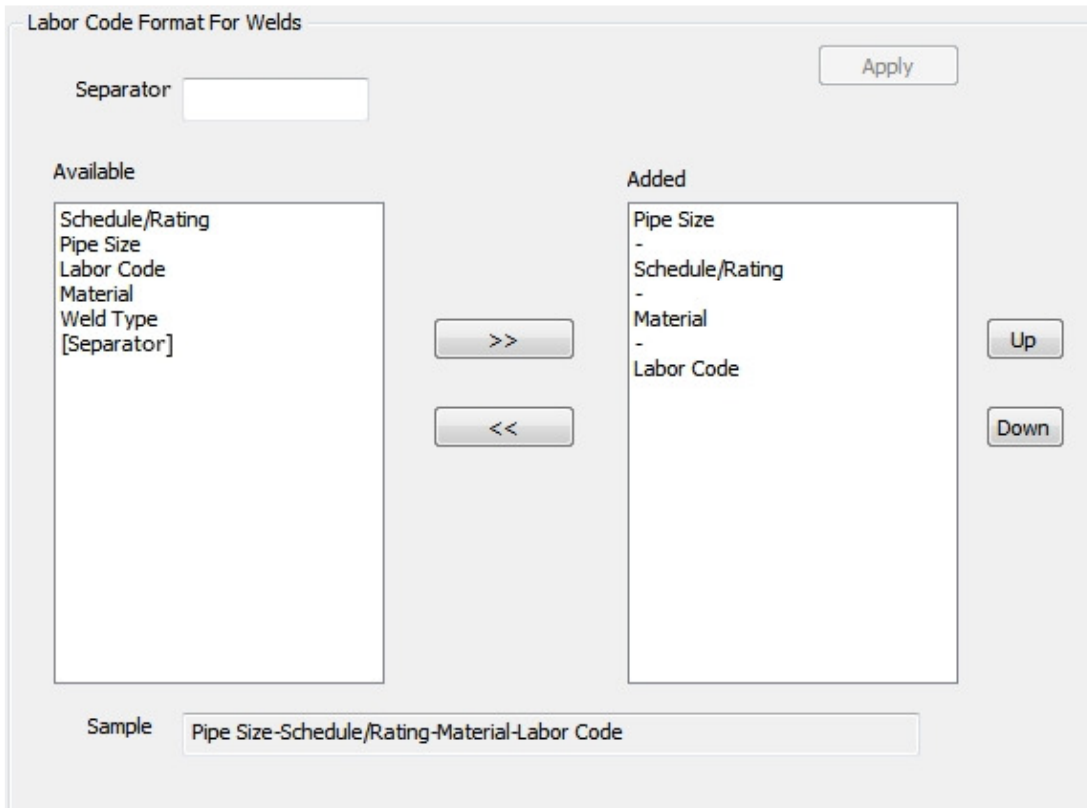
To access this dialog box...

In the **Shop Settings Manager**, open the standard and click on the **Schedule Abbreviations** category in the **Labor Code** Section.

In this field...	Enter/Do this...
Schedule	This is where the schedule name will appear when a schedule is selected from the schedule list.

Abbreviation	This section is for you to enter the abbreviation for the selected schedule.
Schedule List	This section list the available schedules in SPOOLCAD.
	Click Clear remove the abbreviation from the selected schedule.
	Click Apply to apply any changes that were made to the schedule abbreviation list.





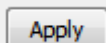
Labor Code Format for Welds Dialog Box



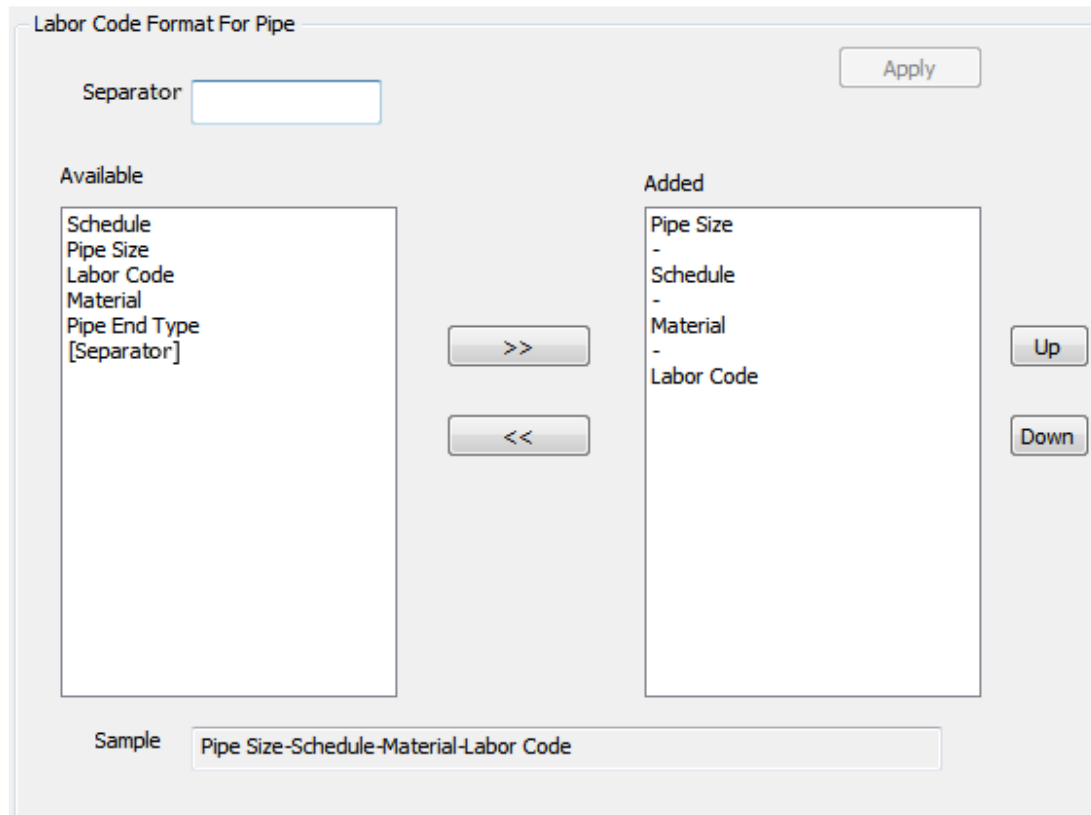
To access this dialog box...

In the **Shop Settings Manager**, open the standard and click on the **Labor Code Format for Welds** category in the **Labor Code** Section.

In this field...	Enter/Do this...
Separator	This section will allow you to input a separator to add to the formatting of the labor codes for welds.
Available	This section shows you the available data that can be added to the labor code format for welds.

Added	This list the headings that have been added to the labor code format for welds.
Sample	This shows a sample of what the labor code will appear as when you generate the labor code for welds.
	This will allow you to move heading from the available to the added list.
	This will allow you to remove headings from the added list.
	This will allow you to move the selected heading up on the added list.
	This will allow you to move the selected heading down on the added list.
	Click Apply to apply any changes that were made to the labor code format for welds.

Labor Code Format for Pipes Dialog Box



Labor Code Format For Pipe

Separator Apply

Available

- Schedule
- Pipe Size
- Labor Code
- Material
- Pipe End Type
- [Separator]

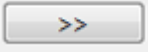
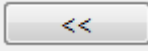


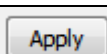
Added

- Pipe Size
-
- Schedule
-
- Material
-
- Labor Code

Sample

To access this dialog box...

In the **Shop Settings Manager**, open the standard and click on the **Labor Code Format for Pipes** category in the **Labor Code** Section.

In this field...	Enter/Do this...
Separator	This section will allow you to input a separator to add to the formatting of the labor codes for pipes.
Available	This section shows you the available data that can be added to the labor code format for pipes.
Added	This list the headings that have been added to the labor code format for pipes.
Sample	This shows a sample of what the labor code will appear as when you generate the labor code for pipes.
	Click the Right Arrow will move heading from the available to the added list.
	Click the Left Arrow will remove headings from the added list.
	Click Up will move the selected heading up on the added list.
	Click Down will move the selected heading down on the added list.
	Click Apply to apply any changes that were made to the labor code format for pipes.

Auto Include Labor Codes Dialog Box

Auto Includes Labor Codes

Labor Code Group

Pipe

Labor Code

Look Up

Labor Code Description

Labor Code Count

Add

Delete


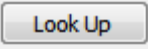
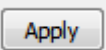
Apply

Labor Code	Labor Code Description	Labor Code Count
CUT	Pipe Cut	1

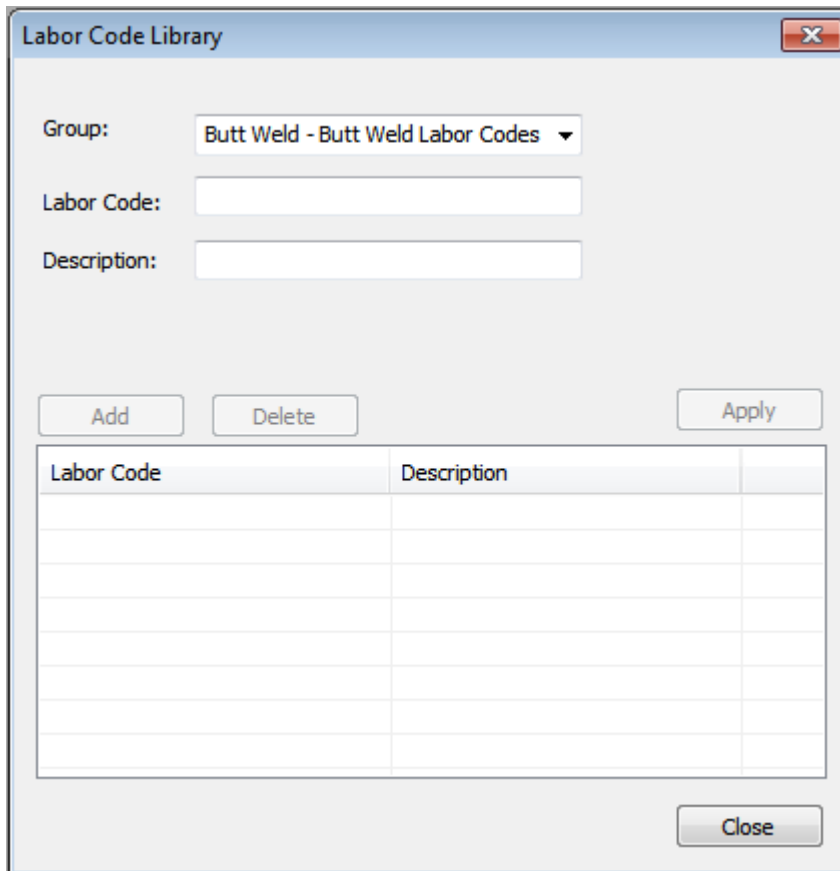
To access this dialog box...

In the **Shop Settings Manager**, open the standard and click on the **Labor Code Format for Pipes** category in the **Labor Code** Section.

In this field...	Enter/Do this...
Labor Code Group	This section allows you to choose the labor code group to use.
Labor Code	This section allows you to enter a new or look up an existing labor code.
Labor Code Description	This section allows you to enter the description for the labor code.
Labor Code Count	This section allows you to enter the labor code count.
Labor Code List	This will list the labor codes for the selected labor code group
<div>Add</div>	Click Add will add the information for that labor code to the list.

	Click Delete will remove the selected labor code from the labor code group.
	Click Look Up will bring up the window for you to look up existing labor codes.
	Click Apply to apply any changes that were made to the auto include labor code.

Labor Code Library Dialog Box






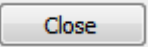
The Labor Code Library dialog box is a window with a title bar and a close button. It contains the following elements:

- Group:** A dropdown menu currently showing "Butt Weld - Butt Weld Labor Codes".
- Labor Code:** A text input field.
- Description:** A text input field.
- Buttons:** "Add", "Delete", "Apply", and "Close".
- Table:** A table with two columns: "Labor Code" and "Description". The table is currently empty.

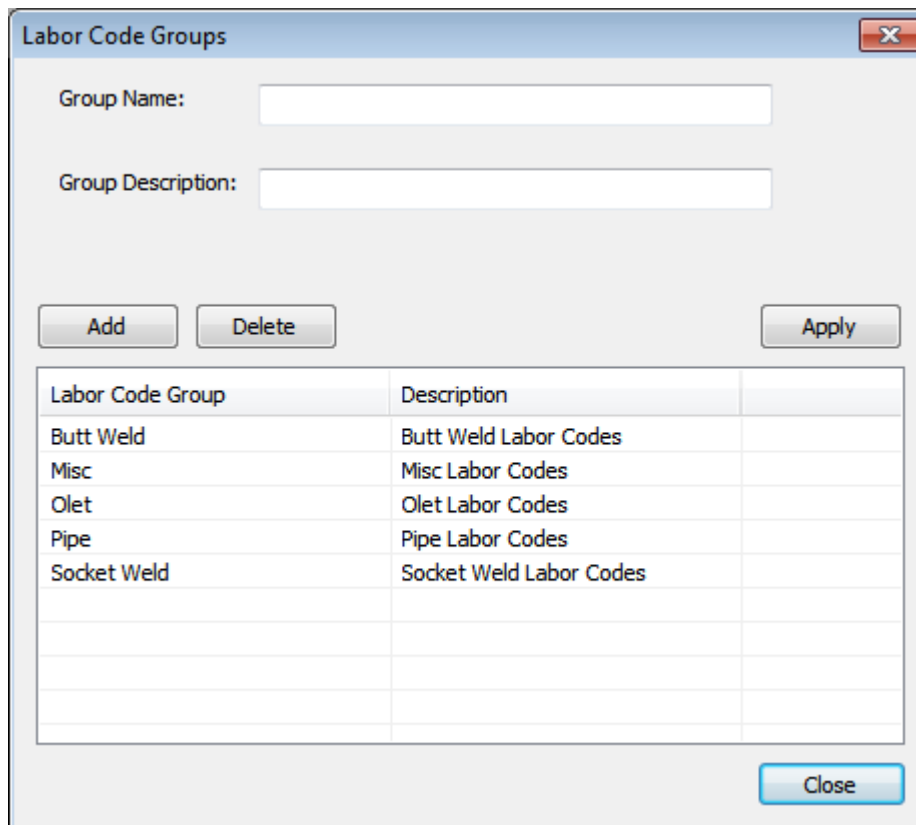
To access this dialog box...

In the **Shop Settings Manager**, click on the **Labor Code** on the menu and select **Labor Code Library**.

In this field...	Enter/Do this...
Group	This section allows you to choose the labor code group to use.
Labor Code	This section allows you to enter a new labor code.

Description	This section allows you to enter the description for the labor code.
Labor Code Library List	This list the labor codes that have been created for the selected labor code group.
	Click Add will add the information for that labor code to the labor code library list.
	Click Delete will remove the selected labor code from the labor code library list.
	Click Apply to apply any changes that were made to the labor code library list.
	Click Close to close the labor code library.




Labor Code Groups Dialog Box



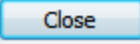
Labor Code Groups

Group Name:

Group Description:



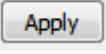
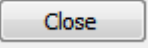
  

Labor Code Group	Description
Butt Weld	Butt Weld Labor Codes
Misc	Misc Labor Codes
Olet	Olet Labor Codes
Pipe	Pipe Labor Codes
Socket Weld	Socket Weld Labor Codes

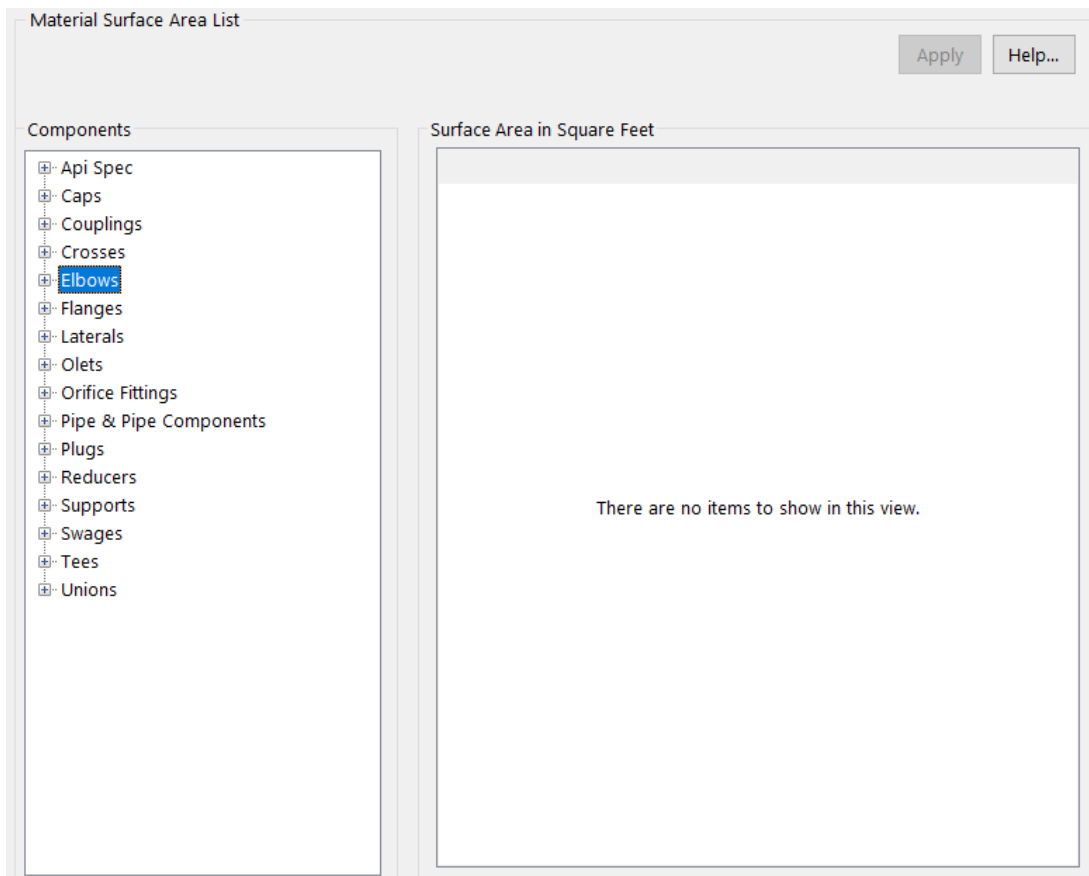


To access this dialog box...

In the **Shop Settings Manager**, click on the **Labor Code** on the menu and select **Labor Code Groups**.

In this field...	Enter/Do this...
Group Name	This section allows you to enter the group name for the labor code group.
Description	This section allows you to enter the description for the labor code group.
Labor Code Groups List	This list the labor code groups that has been created.
	Click Add will add the information for that labor code to the labor code groups list.
	Click Delete will remove the selected labor code from the labor code groups list.
	Click Apply to apply any changes that were made to the labor code groups list.
	Click Close to close the labor code groups.

Surface Area List Dialog Box



Material Surface Area List

Apply Help...

Components

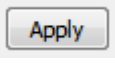
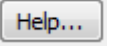
- Api Spec
- Caps
- Couplings
- Crosses
- Elbows
- Flanges
- Laterals
- Olets
- Orifice Fittings
- Pipe & Pipe Components
- Plugs
- Reducers
- Supports
- Swages
- Tees
- Unions

Surface Area in Square Feet

There are no items to show in this view.

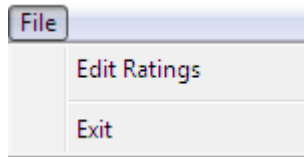
To access this dialog box...

In the **Shop Settings Manager**, click on the **Surface Area** on the menu and select **Surface Area List**.

In this field...	Enter/Do this...
Component	This section shows the components you can select to add surface area.
Surface Area in Square Feet	This section allows you to enter the surface area for each size.
	Click Apply to apply any changes that were made to the labor code groups list.
	Click to access the Help dialog box.

Menus

File Menu



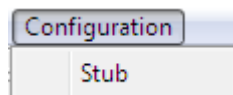
Select this...	To...
Edit Ratings	Click to edit ratings
Exit	Click to close the Shop Settings Manager application

View Menu



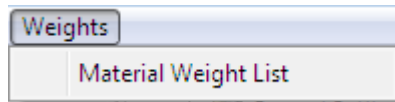
Select this...	To...
Refresh List	Click to update the information on the screen
Status Bar	Click to show/hide the status bar in the Standard Manager
Navigator Bar	Click to show/hide the navigator bar in the Standard Manager

Configuration Menu



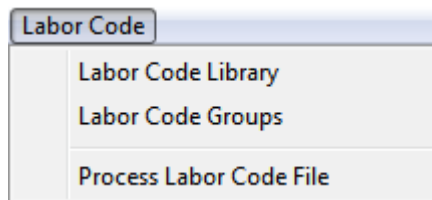
Select this...	To...
Stub	Click to bring up the Stub Configuration Dialog Box

Weight Menu



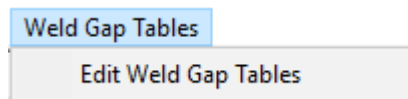
Select this...	To...
Material Weight List	Click to bring up the Material Weight List Dialog Box

Labor Code Menu



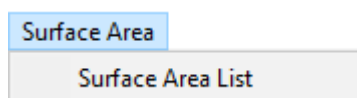
Select this...	To...
Labor Code Library	Click to bring up the Labor Code Library Dialog box
Labor Code Groups	Click to bring up the Labor Code Groups Dialog Box
Process Labor Code File	Click to bring up the Process Labor Code file Dialog Box

Weld Gap Tables Menu



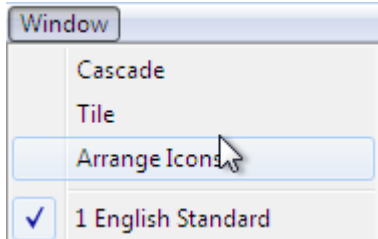
Select this...	To...
Edit Weld Gap Tables	Click to bring up the Edit Weld Gap Table Dialog box

Surface Area Menu



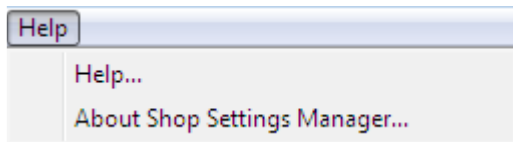
Select this...	To...
Surface Area List	Click to bring up the Surface Area List Dialog box

Window Menu



Select this...	To...
Cascade	Click to arrange all open data windows so title bars are displayed
Tile	Click to arrange all open data windows so title bars are displayed
Arrange Icons	Click to arrange icons that represent open standard data windows
Open window list	This displays a list of all open data windows. The currently selected window has a check mark.

Help Menu

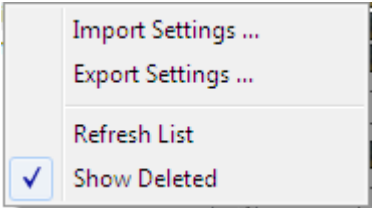


Click this...	To...
Help	Click to view context sensitive Help for this dialog box
About Shop Settings Manager	Click to view information about the program

Right-click Menus

Shop Settings Manager Directory Toolbar Right-click Menu

To view this menu, right click on a standard in the Shop Settings Manager directory tree.



Click this...	To...
Import Settings...	Click to import an existing Shop Setting into that standard
Export Settings...	Click to export the setting
Refresh List	Click to update the information on the screen
Show Deleted	Click to display a list of all deleted standards

Index

button	
Open Shop Settings	4
Definitions	2
dialog box	
General Settings	16
Material Weight List 25, 26, 27, 28, 29, 30, 32, 33, 34	
Weld Count CAD Options	22
Weld Count Configuration	21
Weld Count Preview	23, 24
Weld Gap Table	17
Weld List CAD Options	19
Weld List Configuration	18
Weld List Preview	20
Dialog Box	
Shop Settings Manager	15
exporting	
Shop Settings	4
General Settings dialog box	16
importing	
Shop Settings	5
Material Weight List dialog box 25, 26, 27, 28, 29, 30, 32, 33, 34	
menus	36
File menu	36
Help menu	38
View menu	36, 37
Window menu	37
Navigating	
Shop Settings Manager	1
navigator bar	
main dialog box	1
open	
Shop Settings	4
Open Shop Settings	
button	4
right-click menu	38
directory toolbar	38
Shop Settings	
definition	2
exporting	4
importing project	5
open	4
Shop Settings Manager	
Navigating	1
starting	3
Shop Settings Manager Dialog Box. 15	
Weld Count CAD Options dialog box	22
Weld Count Configuration dialog box	21
Weld Count Preview dialog box 23, 24	
Weld Gap Table dialog box	17
Weld List CAD Options dialog box. 19	
Weld List Configuration dialog box 18	
Weld List Preview dialog box	20