

How to Use this Online Manual

A note about the manual layout

The manual is formatted for "Responsive" access - which means it will self-customize to the most optimal layout for the viewing device (e.g. desktop/laptop, tablet or phone) and browser window size.

You can see this on a desktop or laptop - as you decrease the browser window width you'll see the layout change:

1. Desktop layout - for desktop or laptop computers using a full-size browser window.
2. Landscape layout - for tablet devices in landscape mode (function bar at left).
3. Mobile layout - for tablets in portrait mode or phone presentation (function bar at bottom).

Using features in this manual

[Basic navigation](#)

[State specific content](#)

[Searching for information](#)

[Using the glossary and definitions](#)

[Copying information](#)

Basic navigation

View the function panes:













Table of Contents
Glossary
Search


Desktop layout: the function pane is automatically displayed at left with a function bar at the top, and the topic pane is displayed at right.

Landscape layout: the function bar appears on the left side of the window and the function pane appears at left (when shown) with the topic pane at right.


Mobile layout: the function bar appears at the bottom of the window and only one pane is shown - either a function pane or the topic pane.

Click the button in the function bar for the page you want to see.

	 Table of Contents  Glossary  Search
Hide the function pane; show only the current topic	<p>Desktop: click  or  between the left and right panes.</p> <p>Landscape: tap the pane's button in the function bar.</p> <p>Mobile: tap the button in the function bar</p> <p> Mobile: you can also tap the Back to Topic button  at upper-right to switch from the function pane to the current topic.</p>
Return to the previous screen	<p>Desktop: click the browser's "back" button.</p> <p>Landscape, Mobile: press your device's "back" button.</p> <p> Links to federal and state regulations and some documents will open in a new browser tab. To return to the manual, switch tabs or close that tab.</p>
Step through topics	<p>Click/tap the browse buttons  or  in the function bar at the top of the topic.</p>
Return to the top of the topic	<p>Desktop: click/tap the Go to Top button  at the bottom of the topic pane.</p> <p>Landscape, Mobile: swipe to scroll the topic.</p>
Return to the first page in the manual	<p>Click/tap the manual name on the title bar.</p>
Go to the manuals website	<p>Click/tap the logo  on the title bar.</p>
View regulations	<p>Click the link to the regulation in the topic. The regulations will open in a new browser tab.</p> <ul style="list-style-type: none"> • To return to the manual, simply switch tabs or close the regulations tab. • To view more content in the regulations tab, use the table of contents, index and search functions in the regulations window. • To go to the first topic with a list of regulations for that state or code part, click/tap the top title bar in the regulations window. • Click/tap the WinDOT icon on a regulation's title bar to go to the login screen for WinDOT, the pipeline safety encyclopedia. You must be a WinDOT subscriber to log in. • Anyone can view ViaData's free federal regulations at 49cfrpipeline.com. State regulations are only available to Manuals On-Line users and WinDOT subscribers.




Print the current topic	<p>Desktop or laptop computer: Click the Print button  in the top function bar. (If the print button is not displayed, increase the browser window size.) The topic will print on your default printer.</p> <p>Tablet or phone: Consult your browser/device documentation for how to print a web page. The Print function is usually accessible through the browser's Share function.</p>
Switch from desktop to landscape and mobile layouts	Desktop: Decrease the browser window size.
Report any incorrect or missing/incomplete information in this manual, or suggest an improvement	Contact ViaData.

State specific content


State Specific: South Carolina
 Discharge permitting and water testing is required for hydrostatic test volumes greater than 3,000 gallons.


State-specific information is displayed with the state's icon and a light blue background.

Searching for information

Find text within the current topic	Use your browser's Find <Ctrl+F> function.
Search the entire manual for specific text	<p>Click/tap the Search button  in the function bar, and then enter your text in the Search box.</p> <p>Check the "Include all words in search" box to find content with <i>all</i> the words; clear it to find content with <i>any</i> of the words.</p> <p>Desktop or laptop computer: Press Enter.</p> <p>Tablet or phone: Tap Go or  on your device keyboard or tap  in the search phrase box.</p> <p>A list of matching items appears, ordered by their relevance.</p> <p>Documents with text content that are included with your manual are also searchable by keyword and may be displayed in the results.</p>

Click/tap a topic or document name in the results to display the matching content. Search terms are highlighted in topics but not in other documents.



Desktop users can also enter text in the -Search- box on the topic function bar, then click the search button  in the box.)


Search hints

- Substring search is enabled, so you can search using part of a word. (For example, a search on 'mark' will also find variations like 'marks', 'marking' and 'marker'.)
- To search for an exact phrase, enclose the phrase in quotes.
- You can use simple Boolean operators in the search phrase: "and", "or", "and not". You can use multiple "and" and "or" operators in the phrase.
Note: You must clear the "Include all words in search" box for Boolean searches.

Search examples

Search term	Result
dent	Topics with any word containing 'dent' including dent, dents, indents, incidents, confidential etc.
plastic pipe valve ["Include all words in search" checked]	Topics that contain all the words; they can occur anywhere in the topic and need not be adjacent. ¹
plastic pipe valve ["Include all words in search" not checked]	Topics that contain at least one of the words. ²
"plastic pipe valve"	Only topics that contain the exact phrase.
Boolean searches Note: You must clear the "Include all words in search" checkbox for the following search types.	
plastic and pipe and valve	Topics that contain all the words; they can occur anywhere in the topic and need not be adjacent. ¹
plastic or pipe or valve	Topics that contain at least one of the words. ²
plastic and not pipe	Topics that contain the first word (plastic) but do not contain the second word (pipe).
	¹ - These searches are equivalent. ² - These searches are equivalent.

Using the glossary and definitions

View a list of glossary terms and their definitions	Click/tap the Glossary button  in the function bar. In the alphabetical list of terms that displays, scroll to find the term of interest, or enter text in the Filter terms box at the top to display matching terms. Click/tap the term - the definition will appear below the term.
View the definition of a term within the	Glossary terms within a topic are indicated by maroon text.

Click/tap the colored text (e.g. *MAOP*) to display the definition of the word or phrase.

Click/tap again to close the definition.

Copying information

You can copy information from the manual and paste it into another program such as Microsoft Word. Use your system or device built-in copy and paste functions.



If the manual is displayed in an older version of Internet Explorer, text copied to Microsoft Word may include unwanted hidden text. For example, pasting text that includes a glossary term may show the hidden definition text. To remedy this, in Word, go to File > Options > Display and disable the options "Show all formatting marks" and "Hidden text".

This is not an issue when viewing the manual in other browsers.

(UNCONTROLLED IF PRINTED)