VKViewer5 Tutorial

VKViewer5 Tutorial	1
0. Overview	2
1. Login	2
2. Main Page	3
2.1 General Operations	4
2.2 Command Panel	5
2.3 Links Area	6
2.4 Quick Analysis and Filter	7
3. Query, Columns, Find, Report	8
3.1 Query	8
3.2 Columns	
3.3 Find	
3.4 Reports and Data Sheet	
4. Introduction of Other Pages	14
4.1 Repair Details	14
4.2 Parts	
4.3 Images	
4.4 Generic	
4.5 Actions	
4.6 Welds	
4.7 Positioner	
4.8 Jobs	
4.9 Links	
4.10 Location	
4.11 Notes	
4.12 To-Do List	
4.13 Coming Due Valves	
4.14 Parts to Replace, Parts Replaced	
4.15 Analyze	
4.16 Easy Filter	
4.17 Limit Data	
5. User Preference	
6. Contact Information	

0. Overview

The document is a brief outline of some of the operational functions of the VKViewer 5 program. It's mainly screen captures with explanations of major functions.

VKViewer is a companion program for ValvKeep and allows the valve end user the ability to view, report and analyze their repair information from any web-browser.

VKViewer is unlike any other web-based valve repair and maintenance tool we've seen. VKViewer is truly a web-application. It's fully interactive and is far more capable then some simple static HTML display pages.

We recommend you run VKViewer with screen resolution higher than 1024 by 768 pixels.

1. Login

🖉 webVIEW Login - Windows Internet Explorer	
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 INPORTANT Operational Notes: Browser's BACK button does NOI function. USE 'Back', 'Previous', 'Process', 'Cancel', etc. buttons on forms ALWAYS 'Logout' or 'Exit' to close session data is read only tech support: VKSupportedresser.com 	VK-Vieu
build: 5.04.090313 <u>www.dresser.com</u>	Copyright (C) Dresser 2002 - 2009
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Login the VKViewer before using the VKViewer. The login page is as below.

Figure 1-1: Login

To login VKViewer:

Enter your 'Login ID' and 'Password' then click the Login button and launch the VKViewer

Function Description:

Remember login/password on this PC

Remember the login information each time.

 Forget me

 Clear the login information kept on this PC.

 Help Desk

 Send an email to VKV Support Group of Dresser.

 Terms of Use

 Show Terms of use and privacy statement.

 About

 Provide a simple introduction about VKViewer.

 Super User

 Advanced functions for administrator of VKViewer

Remarks:

Please carefully read about the IMPORTANT OPERATIONAL NOTES.

2. Main Page

After successful login to the system, user will see the Main page of VKViewer. It is shown as below:

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Figure 2-0: Main Form

Over the next few pages, we will dissect it into its functional areas but a couple overview points here.

2.1 General Operations



Function Description:

Most Recent, All(MR&Hist) and Current Valve

Most recent is last repair performed; All is Most Recent and all historical repairs; Current Valve limits grid to

repairs for a single valve.

Relief Valves ,Control Valves

Show repairs for Relief Valves or Control Valves.

Count

Set the Count of repairs in main grid.



Move to First



Move to Previous



Move to Next



Move to Last

Page Up

Turn to Previous Page (One Page Count = Count of Combo Box)

Page Down

Turn to Next Page (One Page Count = Count of Combo Box)

Jump to Recent

Jump to recently viewed repairs.

Column Header of Grid

Click the column header to sort by that column.

Remarks:

Click the row in Grid to move to it and click it again for Repair Details. See also 2.3 or 4.1

2.2 Command Panel



Figure 2-2: Operation Buttons Panel

Function Description:

Exit

Please always EXIT via this button.

Query

Define a filter to query. It allows the data in the grid to be criteria limited. For example, a query or filter of : Unit = 'unitX' would have the grid shown only valves in 'unitX'.

Columns

Set display columns in grid.

Find

Allow to locate repairs with given conditions.

Default

Clear any filter or query and return to default sort order and all of repairs for the current Owner / Plant.

Data Sheet

Generate a data sheet of the current repair.

All Reports

Access all the reports in VKViewer. Data sheets, Summary of Repairs, Parts In Repair, Images, Grid (Where the report is essentially the grid of repairs you are looking at) and all the rest are generated here.

Remarks:

Owner and Plant are currently selected. Which can be changed by the accessing the menu, - File | Select Owner / Plant, if authorized.

The reports are created as PDF files. They are downloaded from server to local browser and opened on local PC. Afterwards they can be saved, printed or viewed. In addition, since some reports may be large and possibly take one or more minute when the report is "generating", please exercise patience!

Another report issue is pop-up blockers. With the advent of heavy pop-up advertising used by many sites, it is common that most of Internet Explorer and "companion tool bars" (like ones from Google and Yahoo) will block pop-ups. But the PDF report "pops up" in a new browser window on your PC leaving your VKViewer session in the original window. When a pop-up is blocked, you'll be told and asked what to do (the "All Reports" form has much more information on this). In general, you want to "always allow pop-ups form this site" when you are asked.

2.3 Links Area

In the Links Area, there are links pointing to Repair Details, Parts, Images, Generic, Actions, Welds, Positioner, Jobs, Links, Location, Notes, To-Do List



Figure 2-3: View Panel

Function Description:

Repair Details

Display the complete Repair Details (all the data collected) for the current repair for Relief Valve or Control Valve. See also 4.1.

Parts

List the parts information for repairs. The limit options have Current Repair Only, All Repairs for Current Valves and All Repairs in Grid. The default is the first one.

Images

Display the images for repairs or valve. The limit options have Valve & Repair, Valve Only and Repair Only. The default is the first one.

Generic

Display an attachments list for repairs or valves. The limit options have Attachments for Current Repair, Attachments for the Valve, Attachments for Current Repair and the Valve, All Repairs in Grid. The default is Attachments for Current Repair.

Actions

Display some actions or remarks for valves The limit option have Current Valve (All Repairs) and All Repairs in Grid. The default is the former.

Welds

List welds information for repairs. The limit options have Current Repair Only, All Repairs for Current Valve and All Repairs in Grid. The default is the first one.

Positioner

Display the positioner list for repairs (Only for Control Valve). The limit options have Current Repair Only, All Repairs for Current Valve and All Repairs in Grid. The default is the first one.

Jobs

Display the job detail information. The limit options have Current Job Number Only and All Job Numbers. The default is the former.

Links

Display the equipped link or loop detail information. The limit options have Current Link Only and All Links. The default is the former.

Location

Display the equipped location detail information. The limit options have Current Location Only and All Locations. The default is the former.

Notes

It is an additional note for anything and is not related to one repair or valve.

To-Do List

List all of To-Do jobs or tasks. The limit options have All, Current Owner, Current Plant, Current Valve in Grid, Any Valve in Grid and Nothing. The default is the Current Plant.

Remarks:

Parts and Welds are always attached to the specified repair. Actions/Remarks are attached to the valve. Generic and Images can be attached to either repair or valve.

2.4 Quick Analysis and Filter

 Past Due Valves
 Analyze

 Coming Due Valves
 Sum

 Parts To Replace
 Easy Filter

 Parts Replaced

Figure 2-4: Quick Analysis and Filter Panel

Function Description:

Past Due Valves

List all of repairs that their next maintenance date has been past due. And it is only valid for Most Recent.

Coming Due Valves

List all of repairs that their next maintenance date is satisfied with the given time frame or calendar date. NOTE: You can include or exclude past due ones.

Parts to Replace

List all parts of repairs to be replaced in next repair. It is valid for All Repairs in Grid.

Parts Replaced

List all parts of repairs having been replaced. It is valid for All Repairs in Grid.

Analyze

Give the breakdown of any field like the breakdown of Manufacturer. (# of each Manufacturer in the

database)

Sum

Sum the given field. NOTE: if the field is not numeric, analyze it instead.

Easy Filter

A simple field and limit setup for a filter. (e.g. Unit = UnitX)

Repairs	with	Parts	Replaced
Repairs	with	Parts	To Replace

Figure 2-5: Quick Filter by Parts

Function Information:

[] Repairs with Parts Replaced

Check to list all repairs in Grid with parts being replaced.

[] Repairs with Parts to Replace

Check to list all repairs in Grid with parts need to be replaced.

If both options are checked, then repairs with parts replaced and with parts to replace will be listed.



Button of Valve Calendar

It's a shortcut to the analysis function for the historical repairs for the valve. One is the analysis of Coming Due and Past Due Valves the other is the Repaired Performed Analysis. See section 4.15.2 and section 4.15.3

3. Query, Columns, Find, Report

3.1 Query

There will be lots of repairs in the main grid, normally, to save processing time, you will need to apply filters on the repairs in the grid before doing further operations, such as reporting, analyzing, etc.

To apply filter on main grid

Click Query Button on the Main Page You'll see page for filter definition Select Columns To Filter from the dropdown list Select How To Find Enter What To Find For Column of Date type, you could define the range of date for the column as filter Click Add Above Filter Item The Item will be shown in the Filter Definition list You could add multiple filter items Once you finished, click Apply Filter System will return to Main Page, and only filtered repairs shown in the main grid.

2 Filter - Microsoft Internet Explorer	
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Address 🕘 http://127.0.0.1:8888/EXEC/93/0u0u3rk1m4aplp11gsr3d0g8zaey	So Links *
Kenter State Control Valves	^
How To Filter: Filter Definition	Instructions
⊙ and (all conditions must be met) O or (any of the conditions met)	Filter allows you to limit the entries shown in the grid.
Column To Filter:	You can apply a filter to any field or column that is displayed in the grid. You may have to change the grid columns to include a field enu wigh to filter
How To Find: What To Find::	Include a field you wish to filter. Each filter item can be 'and'ed or 'or'ed with the former filter items. 'And' means that all filter
* Case Sensitive O <u>R Date Filter As Setup Below</u>	items MUSI be met. Or means at least 1 of them must be met. Defining a filter item is done in one of two ways:
-No Selection -	a) a field / column OR b) a date entry.
and Lookup	To filter a field/column, select the column to filter, how you want to specify the limit AND the text you want to limit too. Ie. Select Column, How and What. Then click "Add Above Filter Item".
Add Above Filter Item Remove Current Filter Item	To filter on a date field, select the Date Field and then the range of dates to include. You can select
Clear Entire Filter Apply Filter Cancel	from a calendar. NOTE: All dates MUST be in a YYYY/NM/DD
e vone	🜍 Internet

Figure 3-1: Query or Filter

Query may be regarded as filters. As the name implies, the function is to filter some unsatisfied information. Now VKViewer provides two kinds of filters: Easy Filter and Query here. Easy Filter is simple enough and see 4.16 for more information, however, Query is a much greater level of filtering. Because it is very flexible, you can tailor any filter to content with any specified requirement. And the function of Query is identical in sub form such as Parts, Generic form.

Filter Definition

List all filters which have been defined and added

And (all conditions must be met)

And means all filter MUST be met

Or (any of the condition met)

Or means at least one of all filters must be met

Add Above Filter Item

Add the defined filter to Filter Definition list

Remove Current Filter Item

Remove the selected filter from Filter Definition list

Clear Entire Filter

Clear Filter Definition list

Apply Filter

Apply all filters and exit, and a flag with 'Filtered' will be shown in the bottom status bar of the grid.

Cancel

Cancel the Query operation and exit

Remarks:

Click Default Button in main form or sub form will remove any filter as well as the function of menu: Commands | Default Query The options of 'and', 'or' are valid for more than one filter. Always return via the << Back button in the upper left. See also Instructions

3.2 Columns

There are quite a lot of properties for each repairs, user could select what columns shown in the grid.

To customize columns shown on the grid

Click Columns Button in Main Page You will see following page for columns selection Select a column from the Available Columns dropdown list Click Add The column will be added to the Current Displayed Columns list Select one or more columns in the Current Displayed Columns Click Remove Selected, columns will not display on the grid Check additional columns if you want them shown on the grid Click Apply return to Main Page

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<pre>«Back Set Grid Columns For: Control Valves Grid</pre>	A
Current Displayed Coluans Select An Available Coluan Tag Number	Additional Available Owner Name Owner Name Plant Area Plant Area Parts Count Image Count Generic Count Action/Remark Count Parts Replaced Parts On Order Parts Replace Next Time
Done	😜 Internet 🔍 100% 👻 🛒

Figure 3-2: Set Display Columns

The Columns provides the function of setting or changing columns in grid as required, and the function is identical, wherever it is on main form or on sub-form, such as Parts or Generic form, and their operations are similar.

Add

Add the column selected from Available Column combo box to current displayed column list

Remove Selected

Remove the selected column from current displayed columns list

Up, Down

Move the currently selected column up or down in the list. NOTE: In grid, up represents the left and down represents the right

Apply

Apply new columns to corresponding grid

Cancel

Cancel the Columns operation and exit

Additional Available

The grid of main form will show those additional available columns, if they are checked and applied. However, this function is only valid for main form.

Remarks:

Click Menu: Commands | Grid Columns | Configure the "Pressure Analysis" Column, See also 4.15.4

3.3 Find

To find specific repair(s) on the main grid

Click Find Button in Main Page Select a Column To Search Check How To Search Enter What To Find Click Find First/Find Next The system will locate the found repairs (if any)



Figure 3-3: Find

Function Description:

The find is to find or search some information following by the specified condition.

Find First

Directly locate the first one in grid of the find result set

Find Next

Move to the next one in grid of the find result set

Cancel

Cancel the find operation and exit

Remarks:

Always return via the << Back button in the upper left.

3.4 Reports and Data Sheet

3.4.1 All Reports

To generate a full page report

Click All Reports Button in Main Page

Select Available Reports from the list

You could choose generate report for all repairs in grid or only for the current selected repair Click Generate-Selected Full Page Report



Figure 3-4: Report

Function Description:

All Reports are generated on the server as PDF files and sent down to the local PC where the browse is running, and the PDF can be saved, printed or viewed from local machine. Yet the PDF file will be presented in another browser window.

Available Reports

List all of available reports to be selected

All in Grid

Generate report for every repair in grid if checked

Only

General report for current selected repair if checked

Generate – Selected Full Page Report Start to generate report Image Report Generate a report for images. See also 4.3.2 Grid Report Directly generate a basic grid report with specified title set by Grid Report Title More Info On Reports and Pop-up Blockers Give help for Pop-ups

Remarks:

Pop-ups becomes much more common, whereas most Internet Explorer's and the 3rd party toolbars, like Google's and Yahoo's, block pop-ups because they are often regarded as annoying ads. But this is *not* the case. Always configure the toolbar or Internet Explorer itself to "always allow pop-ups from this site" and return via the << Back button in the upper left.

3.4.2 Data Sheet

To generate a datasheet

Click Data Sheet Button in Main Page

Function Description:

The Data Sheet will generate the report for current repairs. And its operation is very simple, with clicking the button Data Sheet, a fine PDF file report will be popped up.

Remarks:

The report of Data Sheet is configured by the operator of the VKViewer site during their configuration. Therefore VKViewer's user cannot change this report. See also remarks of 3.4.1

4. Introduction of Other Pages

4.1 Repair Details

To view details for a repair

Click <u>Repair Details</u> in View as 2.3 Or, Click Menu: View | Repair Details of Current Item Or, Click the selected row (Repair) again in Grid You can view different data by selecting different tab

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[Order Info] [General] [As Receive	ed] [Valve Config] [Actuator, Positioner]	[Measured Dimensions]	[Parts, Test] [Test] [QC, Costs] [Side By Sid	e]
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Status	As Rec General1		MODEL NUMBER 023FEDC3-03140-3382	
Tag Number FV-C447	As Shipped			
Name	Status MU2-RL00	11-1	Universal 1 N/A Universal 2 657-40/PD	
Unit / Vessel N/A	Equipment Location BI RITH		Universal 3 Class II	
Manufacturer Fisher	Equipment Link N/A		Universal 4	
Model Number 023FEDCS-6	5740-3582sk / Criticality None		Universal 5	
Purchase Price \$	US Product N/A		Universal 6	
Description				
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Done				🌍 Internet

Figure 4-1: Repair Detail for Control Valve

Repair Detail Form provides fully comprehensive information about repair, for example, in control valve details it provides such access as Order Info, General, Config, Name Plates Process, Work as Rec'd Test, Parts Dimensions, Final Test, QC Costs, Side by Side (Comparision), and other access associated with Parts, Actions, Welds, Images, Generic etc.

Remarks:

Move to the first, previous, next, last repair in grid please see also 2.1 Always return via the << Back button in the upper left.

4.2 Parts

Click <u>Parts</u> in View as 2.3 Or, Click Menu: View | Parts | Parts for Repair

🖉 Parts - Windows Internet	Explorer		
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<-Back Parts	List: FC-G323		
Parts Tag Number FC-G323	Parts Date 01/28/07	Parts Material	Parts Quantity
Parts Part Number	Parts Work Performed Clean & Use	Parts Source	Parts Price Parts Ext. Price 0 ***FLP***
Parts Part Name YOKE NUT	Parts Recommendation	Parts Code	Parts Cost Parts Ext. Cost 0 ***FLP***
Parts Condition Received Good	d Parts 2nd Cond Receiv	ed Parts Univ 2	
🗌 Recommended Spare	🗌 Part On Order	Delivery Date	
Show: 500 V	Page Page:	Find Existing Parts Set	Query Columns Default [Email] Email all parts in
Limit To: All Repair	s In Grid 🛛 👻		
Parts Tag Number	Parts Part Number	Parts Part Name	Parts Condition ReceivedParts Work PerformedParts Recommendati
1) <u>12356</u>	164A	3-WAY SWITCHING VALVE	
2) <u>12356</u>	983736001250	FLOW ARROW	
3) <u>12356</u>	1J873235072	PACKING BOX RING	
4) 12356	10222646172	SEAT RING	
5) 12356	1¥6575X0052	PLUG/STEM	
6) 12356	20223733272	CAGE	
7) 12356	ITEM# 148005	PACKING KIT	
8) 12356	17550805092	SEAL RING	
9) 12356	1F936411992	H/W INDICATOR PLATE	
10) 12356	RGASKETX182	GASKET KIT	
11) 12356	20909525212	CONNECTOR ARM	
12) 12356	17550705292	BACKUP RING	
13) 12356	SEB38	EYEBOLT	
14) 12356	14342732992	BALL	
15) 12356	R667X000402	ACTHATOR KIT	
16) 12356	28820980042	ACTUATOR STEM	
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Figure 4-2: Part List

Function Information:

Similar Function with Main Form

Query, Columns, Default, Change the display count in grid, Move through in grid, Click one column header to sort by, See also 2.1, 3.1, 3.2

Limit To

It is an additional filter which can limit some given parts information in grid. The option items are Current Repair Only, All Repair for Current Valve and All Repairs in Grid, and the Current Repair Only is the default. *Find Existing Parts*

Provide an additional find function for searching

Remarks:

Always return via the << Back button in the upper left.

4.3 Images

4.3.1 View Images

Launch Method: Click Images in View as 2.3 Click Menu: View | More for Repair | Images for Valve / Repair



Figure 4-3-1: Image Attachments

The Images can display and print all of the images associated with valves and repairs.

Show Option

There are three options

Pre

View the previous image

Next

View the next image

Zoom

View the image in a larger window

Remarks:

Always return via the << Back button in the upper left.

4.3.2 Image Report

Launch Method:

Click Images Report Button in Figure 4-3-1.



Figure 4-3-2: Image Report

The Image Report generates a report for images associated with valves and repairs. This report will be presented in a new pop-up window by PDF file as well.

Remarks:

Always return via the << Back button in the upper left.

4.4 Generic

Click <u>Generic</u> in View as 2.3 Or, Click Menu: View | More for Repair | Generic Attachments

🗿 Generic - Microsoft Int	ernet Explorer						FX.
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Figure 4-4: Generic Attachments

Similar Function with Main Form

Query, Columns, Default, Change the display count in grid, Move through in grid, Click one column header to sort by, See also 2.1, 3.1, 3.2

Limit To

It is an additional filter which can limit some given attachments information in grid. The option items are Attachments for Current Repair, Attachments for the Valve, Current Repairs and the Valve, and All Repairs in Grid. The Attachments for Current Repair is the default.

Save Attached File

Provide another function for saving the attached file as local file

Remarks:

Always return via the << Back button in the upper left.

4.5 Actions

Click <u>Actions</u> in View as 2.3

Or, Click Menu: View | More for Repair | Actions / Remarks for Valve

Actions / Remarks - Microsoft Internet Explorer					- 7 ×				
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Act/Rem Univ 2 Act/Rem Urgency									
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Figure 4-5: Action / Remarks

Similar Function with Main Form

Query, Columns, Default, Change the display count in grid, Move through in grid, Click one column header to sort by, See also 2.1, 3.1, 3.2

Limit To

It is an additional filter which can limit some given actions or remarks information in grid. The option items are Current Valve and All Repairs in Grid. The Attachments for Current Repair is the default.

Remarks:

Always return via the << Back button in the upper left.

4.6 Welds

Click <u>Welds</u> in View as 2.3 Or, Click Menu: View | More for Repair | Welds for Repair

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Figure 4-6: Welds

Similar Function with Main Form

Query, Columns, Default, Change the display count in grid, Move through in grid, Click one column header to sort by, See also 2.1, 3.1, 3.2

Limit To

It is an additional filter which can limit some given welds information in grid. The option items are Current Repair Only, All Repairs for Current Valve, and All Repairs in Grid. The Current Repair Only is the default.

Remarks:

Always return via the << Back button in the upper left.

4.7 Positioner

Click <u>Positioner</u> in View as 2.3 Or, Click Menu: View | More for Repair | Positioner Configuration Data

Positioner - Microsoft Internet Explorer						P X		
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Figure 4-7: Positioner

Similar Function with Main Form

Query, Columns, Default, Change the display count in grid, Move through in grid, Click one column header to sort by, See also 2.1, 3.1, 3.2

Limit To

It is an additional filter which can limit some given positioner information in grid. The option items are Current Repair Only, All Repairs for Current Valve, and All Repairs in Grid. The Current Repair Only is the default.

More Details

Present more detailed description about positioner relevant parameters value including Blocks, Calibration, Actuator, Diagnostic and other options.

Remarks:

Positioner is only valid for Control Valves. Always return via the << Back button in the upper left.

4.8 Jobs

Click <u>Jobs</u> in View as 2.3 Or, Click Menu: View | Existing Repair Jobs

Jobs - Microsoft Internet Explorer	
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Figure 4-8: Jobs

Similar Function with Main Form

Query, Columns, Default, Change the display count in grid, Move through in grid, Click one column header to sort by, See also 2.1, 3.1, 3.2

Limit To

It is an additional filter which can limit some given jobs information in grid. The option items are Current Job Number Only, and All Jobs Numbers. The Current Job Number Only is the default.

Remarks:

Always return via the << Back button in the upper left.

4.9 Links

Click <u>Links</u> in View as 2.3 Or, Click Menu: View | Equip Links / Loops

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Link Univ 2	Active							
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18) <u>123</u>				True	False	~	<	> ~
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Figure 4-9: Links

Similar Function with Main Form

Query, Columns, Default, Change the display count in grid, Move through in grid, Click one column header to sort by, See also 2.1, 3.1, 3.2

Limit To

It is an additional filter which can limit some given links information in grid. The option items are Current Link Only, and All Links. The Current Link Only is the default.

Remarks:

Always return via the << Back button in the upper left.

4.10 Location

Click <u>Location</u> in View as 2.3 Or, Click Menu: View | Equip Location

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Location Equip Type Relief Device	
Location Univ 1 🗸 Active	
Location Univ 2 Archived	
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Figure 4-10: Location

Similar Function with Main Form

Query, Columns, Default, Change the display count in grid, Move through in grid, Click one column header to sort by, See also 2.1, 3.1, 3.2

Limit To

It is an additional filter which can limit some given location information in grid. The option items are Current Location Only, and All Locations. The Current Location Only is the default.

Remarks:

Always return via the << Back button in the upper left.

4.11 Notes

Click <u>Notes</u> in View as 2.3 Or, Click Menu: View | Notes

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Figure 4-11: Notes

Similar Function with Main Form

Query, Columns, Default, Change the display count in grid, Move through in grid, Click one column header to sort by, See also 2.1, 3.1, 3.2

Remarks:

Always return via the << Back button in the upper left.

4.12 To-Do List

Click <u>To-Do List</u> in View as 2.3 Or, Click Menu: View | To-Do List

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Include "Handled" In Grid Below	o Before From Today		
Created On	Do Before Date	To-do Keyword	Added By Urgent
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2) 22 (24 (22			raise
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Figure 4-12: To-Do List

Similar Function with Main Form

Query, Columns, Default, Change the display count in grid, Move through in grid, Click one column header to sort by, See also 2.1, 3.1, 3.2

To-Do List For

It is an additional filter which can limit some given To-Do information in grid. The option items are All, Current Owner, Current Plant Only, Current Valve in Grid, Any Valve in Grid, and Nothing. The Current Plant is the default.

Limit Grid to "Do Before"

It is another filter by time frame. There are some items, such as Today, This Week, This or Next Week, This Month, This or Next Month, This Year. The default is no selection.

Remarks:

Always return via the << Back button in the upper left.

4.13 Coming Due Valves

To quick analysis Coming Due Valves

Click Coming Due Valves in View as 2.4

Select option in Coming Due In

Repairs coming due in a given time will be shown in the grid.

Coming Due In:			No Selection	~ X
OR cli Previo	i ck a us	date	No Selection This week This or next week	lves
Sunday	Mon	Tue	This or next month	4
5 12 19 26	$\frac{6}{13}$ $\frac{20}{27}$	$\frac{\frac{7}{14}}{\frac{21}{28}}$	6 months This year 29 <u>30</u>	ur V Today

Figure 4-13: Coming Due Valves

The Coming Due Valves is also regarded as a filter. There are double kinds of method to set the filter date, one is selecting such given condition as 'This week', 'This or next week' from combo box, the other is directly clicking the calendar date.

Include Past Due Valves

This option allows the inclusion of valves which are past due or not. If it is unchecked, *only* valves that their Next Maintenance Date are coming due will be presented. Conversely if it is checked all of those valves including past due valves will be presented.

4.14 Parts to Replace, Parts Replaced

Launch Method:

Click Parts to Replace or Parts Replaced in View as 2.4

🖉 Parts - Windows Interr	net Explorer		
🚱 🗸 💿 http://127.	0.0.1:8888/EXEC/21/1bn6w971uqly	l1bb7wp61qzxvmi	🗸 🐓 🗙 DAEMON Search 🖉 🗸
del.icio.us 👻 🙀			
😭 🏟 🚳 Parts			🟠 👻 🗟 👘 🖓 Bage 👻 🏠 Tgols 🔹
<-Back Part.	s List: FC-G323		A
Parts Tag Number FC-G323	Parts Date 01/28/07	Parts Material	Parts Quantity
Parts Part Number	Parts Work Performed Clean & Use	Parts Source	Parts Price Parts Ext. Price 0 ***FLP***
Parts Part Name YOKE NUT	Parts Recommendation	Parts Code	Parts Cost Parts Ext. Cost 0 ***FLP***
Parts Condition Recei Good	ved Parts 2nd Cond Receiv	ed Parts Univ 2	
🗌 Recommended Spare	Part On Order	Delivery Date	
Show: 500 v 💽	Page Page >	Find Existing Parts Set	Query Columns Default [Email] Email all parts in
Limit To: All Rep	bairs In Grid 🛛 👻		
Parts Tag Numbe	er Parts Part Number	<u>Parts Part Name</u>	Parts Condition ReceivedParts Work PerformedParts Recommendati
1) <u>12356</u>	164A	3-WAY SWITCHING VALVE	
2) <u>12356</u>	983736001250	FLOW ARROW	
 <u>12356</u> 	1J873235072	PACKING BOX RING	
 4) <u>12356</u> 	1U222646172	SEAT RING	
5) 12356	176575X0052	PLUG/STEM	
6) 12356	20223733272	CAGE	
7) 12356	ITEM# 148005	PACKING KIT	
8) 12356	17550805092	SEAL RING	
9) 12356	1F936411992	H/W INDICATOR PLATE	
10) 12356	RGASKETX182	GASKET KIT	
11) 12356	211909525212	CONNECTOR ARM	
12) 12356	17550705292	BACKUP RING	
13) 12356	SEB38	FYFROI T	
14) 12356	14342732992	BATT	
15) 12356	R667¥000402	ACTIMATOR KIT	
16) 12356	288200800402	ACTUATOR STEM	
17) 10356	17455152010	ODATON DIEM	
10) 10256	ATCER 000	ADCET	
< 17.15b	IN /1 RR=776	UTR SHT	
			🎒 Internet 🛛 👻 100% 👻
			100%

Figure 4-14: Parts to Replace, Parts Replaced

The Parts to Repalce and Parts Replaced have the similar function and the user interface most like Parts. Actually their solitary distinction is added the respective filter into Parts. The former filter is to be replaced, yet the later is having been replaced.

Similar Function with Main Form

Query, Columns, Default, Change the display count in grid, Move through in grid, Click one column header to sort by, See also 2.1, 3.1, 3.2

Remarks:

Always return via the << Back button in the upper left.

4.15 Analyze

4.15.1 Analyze and Sum Launch Method: Analyze: Click <u>Analyze</u> in View as 2.4 Click Menu: Commands | Analyze | General

Sum: Click <u>Sum</u> in View as 2.4

<u>Analyze</u>

Select Field:	Bolts Quantity	*	x
Analysis Break	down:	Count	%
12 12/12 6 8		332 1 1 2 3	97 A 0 0 0 0 0

Sum



Figure 4-15-1: Analyze and Sum

Function Description:

Both Analyze and Sum are extraordinarily similar. They both present a simple statistic result in grid in terms of the selected field. If the field is not in the display grid it will be added, and then that field is analyzed or summed.

4.15.2 Analyze – Coming Due and Past Due

Launch Method:

Click Valve Calendar Button and select the Menu: Coming Due / Past Due Calendar Click Menu: Commands | Analyze | Coming Due and Past Due

• ● http://122.0.0.1.8888/DEC/42/lth/eW971udy/Vilb7/mp61gz.vml • ● fttp://122.0.0.1.8888/DEC/42/lth/eW971udy/Vilb7/mp61gz.vml • ● fttp://122.0.0.1.8888/DEC/42/lth/eW971udy/Vilb7/mp61gz.vml • ● deldouts - • ● • ● • ●	🖉 Next Maintenanc	e Dates - Windov	ws Internet Explo	rer						
• delations • ma • Maxt Maintenance Dates • Maxt Maintenance Dates • Maxt Maintenance Dates • Maxt Maintenance Dates • Part Date: • Serial Number, Unit / Vessel, Equipment Location are recommended to be in the main grid!! Analyzed: 322 Due Today: 0 Sort By: O Tag Number O Serial Number O Unit / Vessel O Date Tested O Next Maint Date O Days Past Date Days Past Date MoxtONIC Sort By: O Tag Number O Serial Number O Unit / Vessel O Date Tested O Next Maint Date O Days Past Date Days Past Date MoxtONIC Sort Dy: O Tag Number O Serial Number O Unit / Vessel O Date Tested O Next Maint Date O Days Past Date Date MoxtONIC Sort Dy: O Tag Number O Serial Number O Date Date Date Sort By: O Tag Number O Serial Number O Date Date Date Date Date Tod	🚱 🕞 👻 🚳 http	://127.0.0.1:8888/E	XEC/42/1bn6w971uqk	yl1bb7wp61qz×vn	i		🖌 🛃 🗙 🛛 DAEMON Search	٩		
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Key Back Analyze Today: April 8, 2009 Next Maintenance Dates Analysis * Serial Mumber, Unit / Vessel, Equipment Location are recommended to be in the main grid!! Analyzed: 322 Part Due: 322 Linit Grid To: Oll (no linit) OPart Due Obue Today Oconing Due Coming Due: 0 View Results: OBV Oby Coll (no linit) OPart Due Oby Coll (No linit) Coming Due: 0 View Results: OBV Coll (No linit) Opart Due Oby Coll (No linit) Opart Due Oby Coll (No linit) Coming Due: 0 View Results: OBV Valve OBV Calendar OBV Week OBV Month Opart Due Oby Coll (No Coll (No linit) Opart Due Oby Coll (No coll (No linit) Coming Due: 0 No=MAULASCH 2005/03/17 006/03/17 1118 1853 160 Coming Due: 0 No=MAULASCH 2005/03/17 006/03/17 1118 1853 160 Coming Due: 0 No=MAULASCH 2005/03/11 006/03/17 1118 1853 160 Coming Due: 0 No=MAULASCH 2005/03/11 006/03/17 1118 1853 160 Coming Due: 0 No=MAULASCH 2007/03/18 160 1245 1245 1245 Comin	🔶 🏟 🔞 Next Ma	🖌 🔅 🔞 v 🔝 🛛 🖶 v 🔂 Page v 🔅 Tgols v **								
• Serial Number, Unit / Vessel, Equipment Location are recommended to be in the main grid!! Analyzed: 322 Part Due: 322 Due Today: 0 Limit Grid To: OAll (no limit) OPart Due Obue Today OComing Due Sort By: OTag Number OSrial Number OUnit / Vessel Opate Tested ONext Maint Date Obays Past Due View Results: Opy Value Oby Calendar Oby Week Oby Month Unit / Vessel, Equipment Location are recommended to be in the main grid!! Analyzed: 322 Due Today: 0 Limit Grid To: OAll (no limit) OPast Due Obue Today OComing Due Oraniz Due: 0 Limit Grid To: OBy Value Oby Calendar Oby Week Oby Month Maint Date Oby Value Oby Calendar Oby Week Oby Month Uses Negative Control (Not State Control (Not S		Nort Heintorange Dates Analysis								
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MOLECULE S447720-1-1 V/A 2007/03/01 2007/03/01 789 169 -110 - V2114 S547720-1-1 V/A 2005/10/06 2005/10/06 915 1280 -131 - V2114 S5477210 102-V02.947-1 V/A 2005/10/04 2006/10/06 915 1280 -131 - V010/V2112 102-V02.948-1 V/A 2005/10/04 2006/10/04 917 1282 -131 - V010/V2112 102-V02.948-1 V/A 2005/10/04 2006/10/04 917 1282 -131 - V010/V21212 102-V02.948-1 V/A 2005/10/18 2006/10/04 917 1282 -131 - V010/V21210 2005/10/18 2005/10/18 2005/10/18 903 1288 -129 - V010/V210000 102-510/25 2007/05/25 2007/05/25 684 684 -98 - V010/V21000 102-510/25 2007/05/21 2007/05/22 687 687	272)CV-7267A	02-RL0960-1	N/A	2006/06/06	2007/06/06	672	1037	-96 -22		
MAIL 1412 MO2-VQL947-1 N/A 2005/10/06 2006/10/06 915 1280 +131 + MAIL 1412 MO2-VQL947-1 N/A 2005/10/04 2006/10/04 915 1280 +131 + MAIL 142 MO2-VQL947-1 N/A 2005/10/04 2006/10/04 917 1282 +131 + MAIL 142 MO2-VQL947-1 N/A 2005/10/04 2006/10/04 917 1282 +131 + MO2-MO26-1 N/A 2005/10/04 2006/10/04 903 1268 +128 + MO2-SL0321-1 NA 2007/05/25 2007/05/26 084 684 +98 + MO2-SL0322-1 NA 2007/05/21 2007/05/21 087/05/21 682 688 +98 + MO2-SL0322-1 NA 2007/05/22 2007/05/22 682 688 +98 + MO2-SL0322-1 NA 2007/05/22 2007/05/22 682 688 +98 +	273) LCV-7271	5447720-1-1	N/A	2007/03/01	2007/03/01	769	769	-110 -25		
No. NA 2005/10/04 2006/10/04 917 1282 -131 - 210/87-511 MO2-VQM026-1 N/A 2005/10/18 2006/10/18 903 1268 -129 - 210/87-521 MO2-SL0321-1 NA 2007/05/25 2007/05/25 884 684 -98 - 720/87-7200 MO2-SL0322-1 NA 2007/05/21 2007/05/25 685 686 -98 - 720/87-7200 MO2-SL0320-1 NA 2007/05/22 2007/05/25 687 - -	274)LT-7279	102-VQL947-1	N/A	2005/10/06	2006/10/06	915	1280	-131 -30		
VID/VID/INTENT N/A 2005/10/18 2006/10/18 203 1268 -129 - VID/VID/VID/VID/VID/VID/VID/VID/VID/VID/	275) LV-7279	M02-VQL948-1	N/A	2005/10/04	2006/10/04	917	1282	-131 -30		
NUSDEXT Storts NA 2007/05/25 2007/05/25 884 684 -98 - VEX.VS.VS.VS.VS.VS.VS.VS.VS.VS.VS.VS.VS.VS.	276) FV-7371	102-VQM026-1	N/A	2005/10/18	2006/10/18	903	1268	-129 -30		
7283 FCY=7400B 102-SL0322-1 NA 2007/05/21 2007/05/21 688 688 -98 -	277)FCV-7392B	102-SL0321-1	NA	2007/05/25	2007/05/25	684	684	-98 -23		
270 KW-7400 M02-SL0330-1 Mt 2007/05/22 2007/05/22 687	278) FCV-7406B	M02-SL0322-1	NA	2007/05/21	2007/05/21	688	688	-98 -23		
	279) HCV-7409	102-SL0330-1	NA	2007/05/22	2007/05/22	687	687	-98 -23 [×]		
8	\$									

Figure 4-15-2-1: Next Maintenance Date by Valve

The Next Maintenance Data available strong function lists all of the repair satisfied limit option and highlights the Past-Due in red color, additionally, some functions like sorting, filtering and result views are very practical. *Limit Grid To*

Set the filter

Sort By

Select a field for sorting by

By Valve

List the valves satisfied with limit option

By Calendar

ount of items due on each day of the calendar month							Quick Jump to Date Below:	
Previous			Mar	ch 2009		<u>Next</u>	<u>Today</u> Year: 2009 🛉 💆 ── No Selection - 🔨	Month: March 📕 — No Selection —
Sunday	Mon	Tue	Wed	Thu	Fri	Sat	1999 2000 2001	JANUARY FEBRUARY MARCH
1	2	3	4	5	<u>6</u>	Z	2002	MAY
8	2	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	2004 2005	JUNE
<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	2006	AUGUST
<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>	2008	OCTOBER
29 late = # due lick day to v	<u>30</u> ' is the cale view DUE o	<u>31</u> endar displ n that day	ay format				2003 2010 2011 2012 2013 2014 2015 2016 2017 2018	DECEMBER

Figure 4-15-2-2: Next Maintenance Date by Calendar

Display a calendar to scroll through. Any date that has a past due or coming due valve is shown with both the date and the count of valves on that day. Clicking it a grid of those valves will be presented.

By Weeks



Figure 4-15-2-3: Next Maintenance Date by Week

Display a list of weeks in the past and future and the number of valves in that period, which can be multi-selected or single selected. Moreover a grid of relevant valves in next page will also be presented by clicking <u>view selected week(s) results</u>

-69 has 2 due (month of June 2003)	>	Months from this month and count during that month*
-68 has 1 due (month of July 2003)		
-63 has 1 due (month of December 2003)		* -ve months means in the past.
-59 has 1 due (month of April 2004)		ie. equipment is PAST DUE
-58 has 1 due (month of May 2004)		
-55 has 1 due (month of August 2004)		to Patron and the second of the formation
-53 has 6 due (month of October 2004)		* Click month to see grid of repairs
-42 has 6 due (month of September 2005)		IOF THAT MONTH
-36 has 10 due (month of March 2006)		OR
-35 has 6 due (month of April 2006)		* Multi calent wanthe bunning Ctul and
-34 has 4 due (month of May 2006)		aliabing the manined worths THEN
-33 has 5 due (month of June 2006)		CHERING THE TEQUITED MOTIONS THEAT
-32 has 3 due (month of July 2006)		view selected month(s) results
-31 has 1 due (month of August 2006)		
-30 has 3 due (month of September 2006)		
-29 has 4 due (month of October 2006)		
-28 has 3 due (month of November 2006)		
-27 has 6 due (month of December 2006)		
-26 has 9 due (month of January 2007)		
-25 has 12 due (month of February 2007)		
-24 has 29 due (month of March 2007)		
-23 has 25 due (month of April 2007)		
-22 has 56 due (month of May 2007)		
-21 has 25 due (month of Julie 2007) 20 has 19 due (month of Julie 2007)		
-20 has 15 due (month of July 2007) 19 has 14 due (month of August 2007)		
19 has 14 due (month of August 2007)		
(-10 has 10 due (monin of September 2007)		

Figure 4-15-2-4: Next Maintenance Date by Month

Display a list of months in the past and future and the number of valves in that period, which can be multi-selected or single selected. Moreover a grid of relevant valves in next page will also be presented by clicking <u>view selected month(s) results</u>.

Remarks:

Always return via the << Back button in the upper left.

4.15.3 Analyze – Repair Performed

Launch Method:

Click Valve Calendar Button and select the Menu: Repair Performed Calendar Click Menu: Commands | Analyze | Repair Performed

Function Description:

The Repair Performed function is similar with Next Maintenance Date, See also 4.15.2 But is only valid for all entries (Most Recent and Historical).

4.15.4 Analyze – Pressure Analysis

Launch Method:

Click Menu: Commands | Analyze | Pressure Analysis

🕘 http://127.0.0.1:88	88/EXEC/26/0h1kvu	00md712h18hyhtj1oa4	044 - Microsoft Interne	t Explorer		_ @ 🗙
<u>File E</u> dit <u>V</u> iew F <u>a</u> vori	tes <u>T</u> ools <u>H</u> elp					
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Address 🙋 http://127.0.0.	1:8888/EXEC/26/0h1kvu00	md712h18hyhtj1oa4044			💌 🔁 Go	Links »
<	Analyzed: 2053	Pressure	Analysis - All m	esults are in %		<u>_</u>
	Change row's color li	E exceedes % then %	- calc	ulated by: Prepop % Set = Prepop / Set Pressure		
	Pretest % Of Final 1		- See	Also: Commands - Grid Columns - Configure The "Pres	sure Analysis" Co	olumn
Sort By: ① Tag	Number New2 🔾 Valv	ze SN ○Unit / Vesse	el OASME Code ODat	e Tested 🔿 Set Press OPrepop % of Set 🔿	Prepop % of C	DSP 🔿
Tag Number New2	Valve SN	Unit / Vessel	Date TestedASME Cod	e Model Number	Set Pres	sCol 🔨
	H80264	LP	2006/11/29 Sec VIII	D30K	330	0
	90/11676		2006/11/28 Sec VIII	24312R68/S1	0	0
	TJ89813	PETAL 1	2006/11/17 Sec VIII	1912-HC-1	1250	128
	TD34494	DEHY	2006/11/16 Sec VIII	1910K	330	0
	N/A	LP	2006/11/16 Sec VIII	FL27HR	720	0
	TL77163	DEHY	2006/11/16 Sec VIII	1993C	330	0
	40011412	HBG	2006/11/13 Sec VIII	23312G23	1000	0
	90/14474	HBG	2006/11/13 Sec VIII	23312G23	1000	0
	90/14473	HBG	2006/11/13 Sec VIII	23312G23	1000	0
	13900KC	HBG	2006/11/13 Sec VIII	2740UL	1000	0
	90/14277	HBG	2006/11/13 Sec VIII	81PC88-4F	1200	0
	90/14278	HBG	2006/11/13 Sec VIII	81PC88-4F	1250	0
	90/14280	HBG	2006/11/13 Sec VIII	81PC88-4F	1250	0
	91/08917	HBG	2006/11/13 Sec VIII	81PC-88-4	125	0
	1000-1200	HBG	2006/11/13 Sec VIII	W7101-RS1200	1000	0
	19-2583	HBG	2006/11/13 Sec VIII		1000	0
	90/14404	HBG	2006/11/13 Sec VIII	81PC-88-F4	125	0
	M89-17184	HBG	2006/11/13 Sec VIII	23310023	125	0
	90/14405	HBG	2006/11/13 Sec VIII	81PC88-4F	125	0
	90/14405	HBG	2006/11/13 Sec VIII	81PC-88-4F	125	0
	90/08916	HBG	2006/11/13 Sec VIII	23313G23/	1200	0
	90/14278	HBG	2006/11/13 Sec VIII	81PC88-4F	1250	0
	M89-17183	HBG	2006/11/13 Sec VIII	23310623	125	0
<	M90/06017	HBG	2006/11/13 Sec VIII	23310023	125	n ⊻ >
🕘 Done					🥑 Internet	

Figure 4-15-4-1: Pressure Analysis for Relief Valves

The Pressure Analysis is only valid for Relief Valve. Present a report for every relief valve and display those valves by different alarm color if they are out of the given limitation.

Change rows color IF ____ exceeds x% then y%

Change rows color into light red if the field value exceeds the x%, and change it into red if the value exceeds

y%.

Sort By

Select a field for sorting by

Configure Analysis Column

Click Menu: Commands | Grid Columns | Configure the "Pressure Analysis" Columns

Pressure Analys	s Column Setup - Microsoft Internet Explorer				a 🗙	
<u>File E</u> dit <u>V</u> iew F	vorites <u>T</u> ools <u>H</u> elp			n an	-	
G Back 🔹 🕥	🖹 🚺 🏠 🔎 Search 🤺 Favorites 🥳	🖉 • 🍓 🔳 + 🗖 👘				
Address 🕘 http://127	Address 🕘 http://127.0.0.1:8888/EXEC/22/0h1kvu00md712h18kyhtj1oa4044 🗸 🄁 Go 🛛 Links 🎽					
<	nfigure the "Pressure Analysis" o	column:(Relief Devices ONLY)			~	
You can also se column will hav	a percent flag range. Outside of this r your specified text appended to it.	ange, the result in the				
For example: if calculation bey	you set the flag range to "7" and the fla nd 7% will appear with "***" after it.	g text to "***" any resulting			~	
Numerator	Operating Press	Calculation will be:				
Denominator	Cold Diff Set Press	Operating Press				
Column Name	Pretest % of CDSP	Cold Diff Set Press				
	Display Like: (for example 180/150)					
	⊙ 120%					
	0120	Annly				
Flag Range 7	• text ***					
1.09.00.90 /		Cancel				
* there is a fu	Process Analysis command available in the "An	alveie" commande				
	Thessure Analysis command available in the An	ayolo commanuo				
					~	
🕘 Done				🌍 Internet		

Figure 4-15-4-2: Configure the "Pressure Analysis" Column

Provide strong function to configure the specified calculation formula and display style.

Numerator

Specify a field as numerator

Denominator

Specify a field as denominator

Column Name

Specify the column name

Display Like

Set the display style of calculation result

Flag Range

A percent flag range. The calculation result will be appended the specified text in the column if it is outside of the range. For example, 109% ***.

Calculation

A specimen for specified calculation which is numerator divided Denominator

Apply

Apply setup above and take effect in next time

Remarks:

Always return via the << Back button in the upper left.

4.15.5 Analyze – Predict and Compare Maintenance Intervals Launch Method:

Click Menu: Commands | Analyze | Predict and Compare Maintenance Intervals

The second se					DAEMON Search	P
del.icio.us 🝷 🙀						
redict & Compare /	Analysis				🏠 🔹 📾 🔹 🔂 Page 🕶 🌀) T <u>o</u> ols
< Back Analyze	Define the Param	neters	used in the analys:	s of	all viewed Equipment Tracks for Relief	F
Date Range Using:	Date Tested	from	2004/04/02			
	ODate Received	thru	2009/04/02			
Sort Results By:	⊙Tag Number New2 (Serial	<u>*date should be in</u> Number Ocurrent sort	YYYY/N order	M/DD format	
			TN-24133	^	Are Equipments Current Frequencies Good V.	
2101			210489-100-	1		:8
01-30-1			TM16797		The Analyzed Entries Results:	
005 5			TW16708	-	Months 0 Actually Frequency	
025-5			11110120			
03-40-1			08AK53682		Entries 1 0	
025-5 03-40-1 03-41-1			08AK53682 08AK55623		Entries 1 0	
025-5 03-40-1 03-41-1 0529			08AK53682 08AK55623 N/A		Entries 1 0 The Equipment Track Intervals for:	
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025-5 03-40-1 03-41-1 0529 1 1 1			08AK53682 08AK55623 N/A TJ-32621 1023-R3 H95/14129		Entries 1 0 The Equipment Track Intervals for: Maintenance Testing 12 12	
026-5 03-40-1 03-41-1 0529 1 1 1 1-A1			084K55682 084K55682 N/A TJ-32621 1023-R3 H95/14129 TC57250		Entries 1 0 The Equipment Track Intervals for: Maintenance Testing 12 12	
025-5 03-40-1 03-41-1 0529 1 1 1-A1 1-A1 1-COMBINE			084K55682 084K55682 N/A TJ-32621 1023-R3 H96/14129 TC57250 8999		Entries 1 0 The Equipment Track Intervals for: Maintenance Testing 12 12	
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025-5 03-40-1 03-41-1 0529 1 1 1-41 1-COMBINE 1-COMBINE 100-6			084K55682 084K55682 N/A TJ-32621 1023-R3 H95/14129 TC57250 8999 8999 1623-AE		Entries 1 0 The Equipment Track Intervals for: Maintenance Testing 12 12	
025-5 025-40-1 03-41-1 0529 1 1 1-A1 1-COMBINE 1-COMBINE 1-COMBINE 1-COMBINE 1-COMBINE 100-6 0000			084K55682 084K55682 084K55623 N/A TJ-32621 1023-R3 H95/14129 TC57250 8999 8999 1623-AE 2720-52		Entries 1 0 The Equipment Track Intervals for: Maintenance Testing 12 12	
025-5 025-40-1 03-41-1 0529 1 1 1-A1 1-COMBINE 1-COMBINE 100-6 0025 0005 1000			084K55682 084K55682 084K55623 N/A TJ-32621 1023-R3 H95/14129 TC57250 8999 8999 1623-AE 2720-X 2720-X		Entries 1 0 The Equipment Track Intervals for: Maintenance Testing 12 12	
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02655 02540-1 03-40-1 0529 1 1 1-A1 1-COMBINE 1-COMBINE 1-COMBINE 100-6 005 005 000 1000 1000			084K55682 084K55682 N/A TJ-32621 1023-R3 H95/14129 TC57250 8999 8999 1623-AE 2720-X N/A N/A N/A N/A		Entries 1 0 The Equipment Track Intervals for: Maintenance Testing 12 12	
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025-5 025-40-1 03-41-1 0529 1 1 1-A1 1-COMBINE 1-COMBINE 100-6 0252 000-5 000-5 1000-1000 1000-1000-1000-1000-1000-10			084K55682 084K55623 N/A TJ-32621 1023-R3 H95/14129 TC57250 8999 1623-A2 220-X N/A N/A N/A N/A N/A N/A		Entries 1 0 The Equipment Track Intervals for: Maintenance Testing 12 12	

Function Description:

The analysis is able to predict and compare maintenance interval by analyzing the previous historical maintenance cycle. According to the analysis result, the rows color in gird left side will be changed into *red* if the next maintenance date exceeds the date which is more than the previous maintenance date adding the calculated maintenance cycle.

Date Range Using:

A filter to limit the valves range for analysis

Sort Results By

Select a field for sorting by

Are Equipments Current Frequencies Good

Click and select one valve row in left grid the more detailed analysis result will be presented in this area.

Remarks:

Always return via the << Back button in the upper left.

4.16 Easy Filter

Launch Method: Click Easy Filter in View as 2.4

Easy Filter								
Select Field:	– No Selection – 🛛 👻	×						
Is	Equal 🍟							
		*						
Apply Filter Clear Filter * filter is case sensitive * Dates in YYYY/MM/DD								

Figure 4-16: Easy Filter

The Easy Filter is a simple filter, single filed filter. It differs from Query that can be built using multiple fields and distinct logic between the items of the filter.

4.17 Limit Data

Launch Method:

Click Menu: Commands | Filter / Query / Limit Data | Limit Valve Data in View ...



Figure 4-17: Limit Data

Function Description:

The Limit Data provides a function to have the repair grid limited or filtered, based upon one of the other data items. For example, suppose that you want to see only the repairs that had Parts Replaced or an Image

attached or an Action item, or a broken part. Once you have setup any filter required in the other data item. *And, Or*

Set the relationship among the checked options

5. User Preference

Launch Method:

Click Menu: User Preference | Change Color of Valve's Text, for Past Due Coming Due Repair, IF...



Figure 5-1: User Preference

Function Description:

The User Preference provides some suitable options including color, font, date limit, etc, by which different application requirements and personal preference will be satisfied much more.

Accept Changes

Accept changes and take effected immediately

Ignore Changes

Ignore changes and exit

6. Contact Information

If you have any question, suggestions or find any problem with our program, please do not hesitate in contacting us.

vksupport@dresser.com valvekeep@dresser.com