

The Gauges Tab

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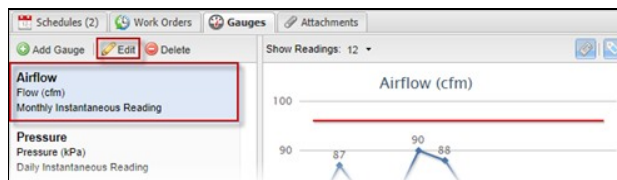
Gauges are associated with a specific piece of equipment and are displayed under the Gauges tab in the Equipment Details screen. A single piece of equipment can have up to fifty gauges defined for it. Once gauges have been configured, they can be added to any schedules associated with the equipment. This will create a Gauges section on all future work orders that are generated, allowing users to capture readings from the field. Users can also manually add or edit gauge readings in the Gauges tab.

Add, Edit or Delete a Gauge

- Users can delete a gauge by selecting a gauge, then clicking **Delete**. In the confirmation window that opens, click **OK**.

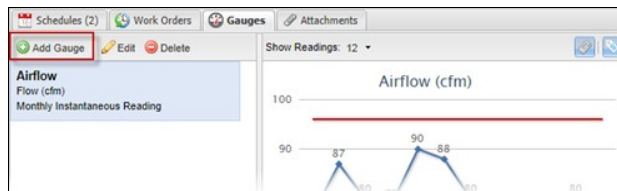


- Users can edit a gauge by selecting a gauge and clicking **Edit**. This will open an Edit Gauge window. Users can edit the gauge by following steps 2 and 3 below for adding a gauge.



To add a gauge:

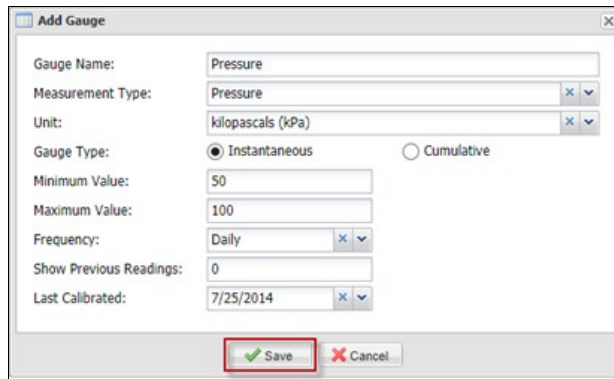
1. Click **Add Gauge**. This will open an Add Gauge window.



2. In the window that opens, enter the following information:
 - **Gauge Name**
 - **Measurement Type**: e.g. Pressure, Flow, Temperature, etc.
 - **Unit**: A variety of appropriate units of measurement are provided based on the measurement type selected.
 - **Gauge Type**: Instantaneous or Cumulative can be selected.
 - **Minimum Value and Maximum Value**: These optional fields allow users to select a

maximum and minimum acceptable value.

- **Frequency:** How often gauge readings should be taken.
- **Last Calibrated:** This optional field allows users to indicate when the gauge was last calibrated.



The 'Add Gauge' dialog box contains the following fields and options:

- Gauge Name: Pressure
- Measurement Type: Pressure
- Unit: kilopascals (kPa)
- Gauge Type: ☒ Instantaneous ☐ Cumulative
- Minimum Value: 50
- Maximum Value: 100
- Frequency: Daily
- Show Previous Readings: 0
- Last Calibrated: 7/25/2014

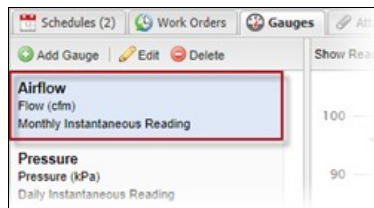
Buttons: Save (highlighted with a red box), Cancel

3. Click **Save** once finished.

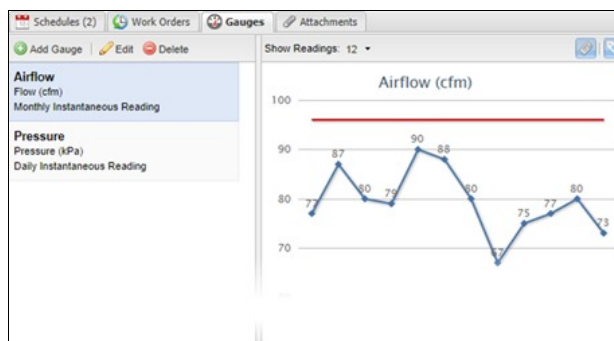
Graphing Gauge Readings

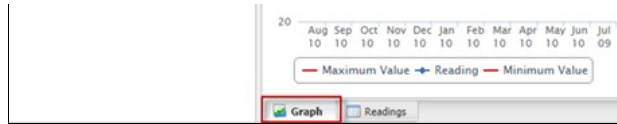
Any gauge that has had readings entered for it can be viewed as a graph:

1. Select the Gauge to be viewed as a graph.



2. At the bottom of the Gauges tab interface, select the Graph sub-tab if it is not already selected. The graph will be displayed to the right.
 - Hover your mouse over the graph to view detailed information concerning the plot lines on the graph.
 - The Show Readings drop-down list allows users to select the number of recent readings to display.
 - The **Show/Hide Marker** button (📍) can be used to show or hide the graph's plot points.
 - The **Show/Hide Label** button (🏷️) can be used to show or hide the numbers displayed on the graph line.





Adding and Editing Gauge Readings

Selecting the Readings tab (to the right of the Graph tab at the bottom of the screen) displays a list of all gauge readings taken for the gauge that have been selected on the left side of the interface. If a work order is associated with the collection of the reading, users can click on the work order number to view the work order's details.

The screenshot shows the 'Readings' tab selected. On the left, there are two gauge categories: 'Airflow' (Flow (cfm), Monthly Instantaneous Reading) and 'Pressure' (Pressure (kPa), Daily Instantaneous Reading). The 'Airflow' category is selected. The main area displays a table of readings for Work Order 5472125.

Work Order	Value (cfm)	Recorded On
5472125	73	Jul 9, 2014
	80	Jun 10, 2014
	77	May 10, 2014
	75	Apr 10, 2014
	67	Mar 10, 2014
	80	Feb 10, 2014
	88	Jan 10, 2014

At the bottom, there are navigation controls: 'Page 1 of 1', 'Records per page: 10', and tabs for 'Graph' and 'Readings'.

- Users can add a reading by clicking **Add Reading**. In the Add Reading window that opens, enter a reading value, the date the reading was recorded, then click **Save**.

The screenshot shows the 'Add Reading' dialog box. It has two input fields: 'Reading Value (cfm):' and 'Recorded On:'. The 'Recorded On' field is pre-filled with '07/25/2014'. At the bottom, there are 'Save' and 'Cancel' buttons. The 'Add Reading' button in the background is highlighted with a red box.

- To edit a reading, select a reading from the list and click **Edit**. In the Edit Reading window that opens, users can update the reading value and/or the date the reading was recorded. Click **Save** to update the reading.

The screenshot shows the 'Edit Reading' dialog box. It has two input fields: 'Reading Value (cfm):' and 'Recorded On:'. The 'Reading Value' field is pre-filled with '77' and the 'Recorded On' field is pre-filled with '05/10/2014'. At the bottom, there are 'Save' and 'Cancel' buttons. In the background, the 'Edit' button in the readings table is highlighted with a red box, and the row for the reading with value 77 and date May 10, 2014 is also highlighted.

- To delete a reading, select a reading from the list and click **Delete**. In the confirmation window that opens, click **Yes** to delete the reading.

Schedules (2)Work OrdersGaugesAttachments

Add GaugeEditDelete

Airflow

Flow (cfm)

Monthly Instantaneous Reading

Pressure

Pressure (kPa)

Daily Instantaneous Reading

Add ReadingEditDelete

Work Order	Value (cfm)	Recorded On
5472125	73	Jul 9, 2014
	80	Jun 10, 2014
	77	May 18, 2014
	75	Apr 10, 2014
	67	Mar 10, 2014
		10, 2014
		10, 2014
		10, 2013
		10, 2013
		10, 2013
	87	Sep 10, 2013
	77	Aug 10, 2013
		Jul 10, 2013

Angus AnyWhere

Are you sure you want to delete this reading?

YesNo