

## Chateau Mobile Training Manual

Rev. Date: October 8, 2025



This manual concerns versions of Chateau Mobile released 10/1/2025 and later.

To confirm this is the most current version, please refer to the [Chateau Mobile Training Manual article](#) in the *Chateau Mobile* section of the Chateau Knowledge Base.

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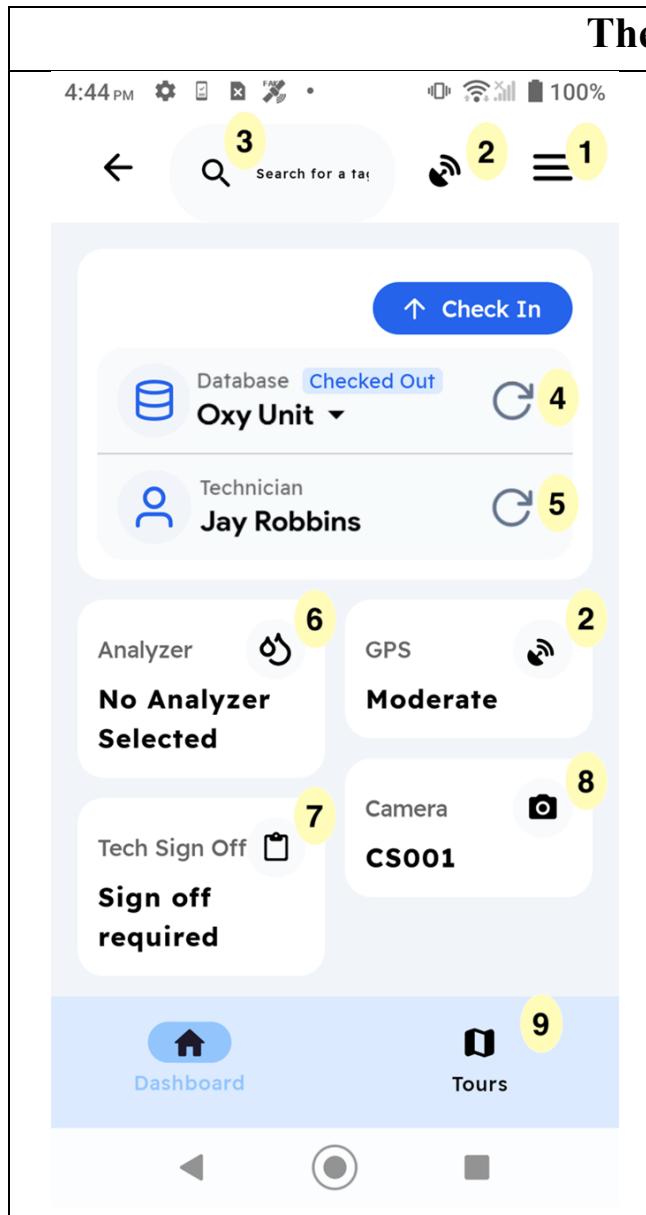
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# Installing Chateau Mobile

For instruction on how to install Chateau Mobile using Google Play, Apple Store, or an APK File, visit the Knowledge Base (<https://help.ldartools.com/>) and search “Installing Chateau Mobile”.

## Getting Started

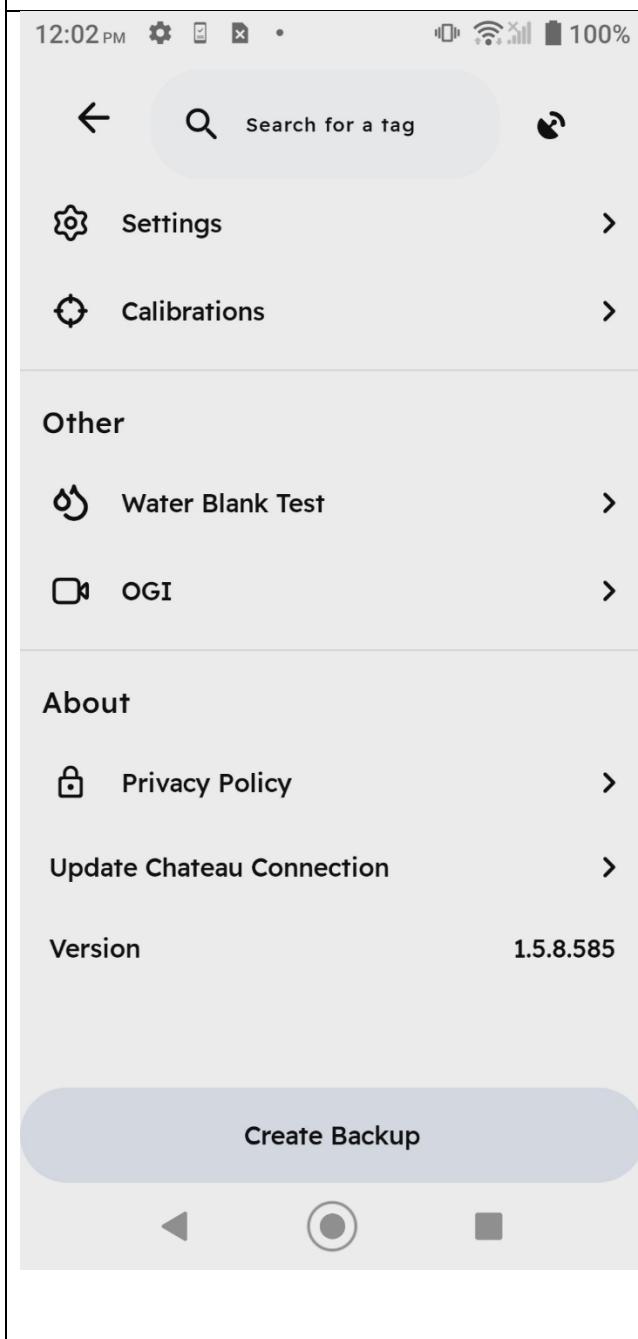
### The Dashboard



The Dashboard screen displays several cards with inspection status and navigation controls.

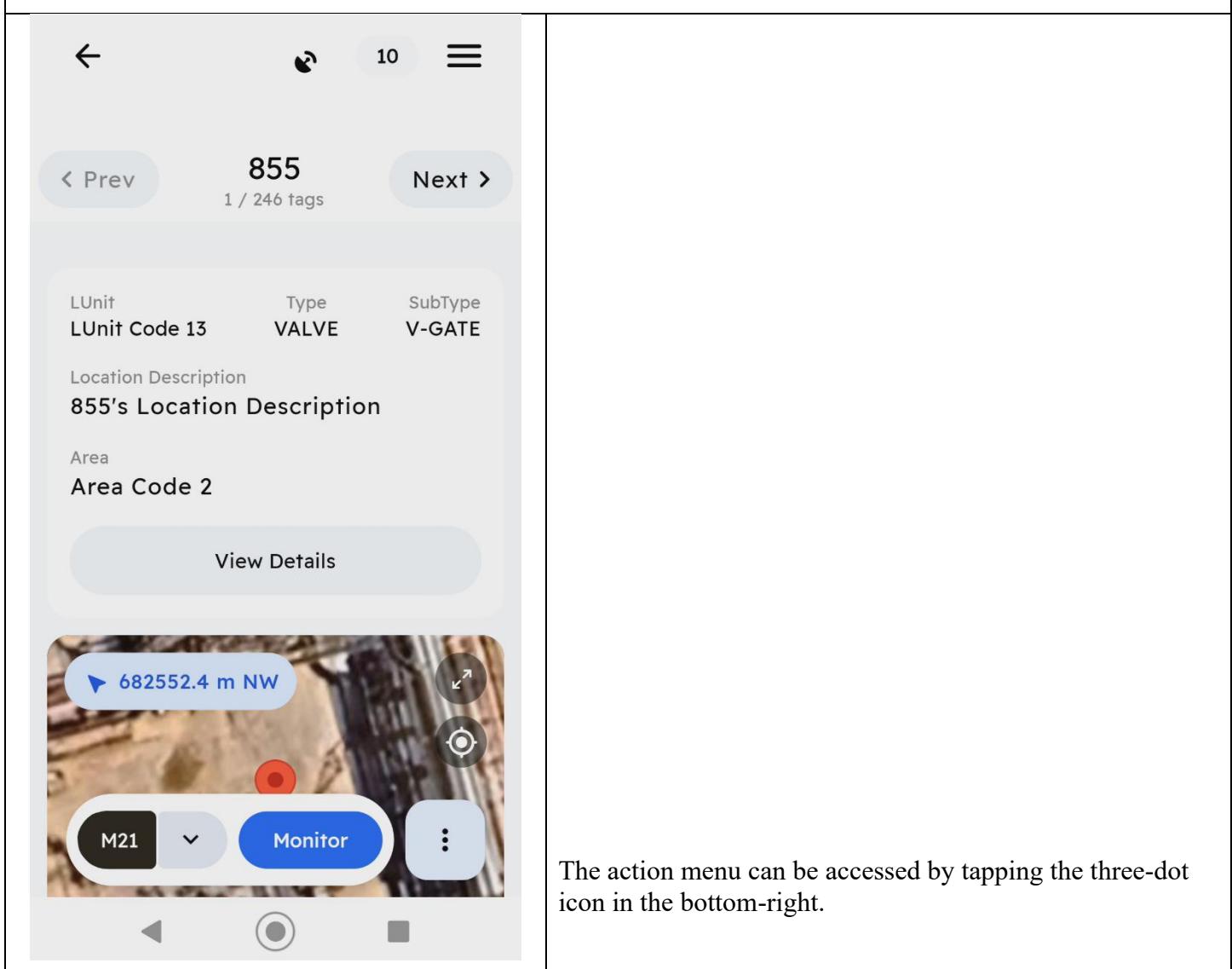
- 1. Main Menu (AKA, The Hamburger).
- 2. Satelite Signal – Shows the handheld is receiving a GPS satelite signal. Visable on all screens, card also inicates signal strength.
- 3. Search Bar – Used for finding specific tags.
- 4. Database – Select the Chateau Database. Tapping on the circular arrow will refresh this option.
- 5. Technician – Select the Technician performing inspections with this handheld (must be assigned to the database used above). Tapping on the circular arrow will refresh this option.
- 6. Analyzer – Select an analyzer used for M21 inspections.
- 7. Tech Sign Off – Used at Check In to certify inspections performed, this is Database specific and will only appear if enabled.
- 8. Camera – For OGI Inspections, this card only appears after your 1<sup>st</sup> OGI inspection in this session.
- 9. Tours – Access Tours.

## The Main Menu (Hamburger Menu)



1. Settings – General setting for Chateau Mobile and Handheld.
2. Calibrations – Used when calibrating analyzer.
3. Water Blank Test – Used for Cooling Tower monitoring.
4. OGI – Used to perform OGI Sensitivity Test.
5. Update Chateau Connection – Tapping this will open the Chateau Connection screen where the user can update login information.
6. Create Backup – Chateau Mobile automatically backs up data every 15 minutes. The data can also be backed up at any time by tapping here.

## Action Menu



The image shows a mobile application interface titled "Action Menu". The main content area displays a tag detail screen for tag "855" (1 / 246 tags). The tag details include:

- LUnit: LUnit Code 13
- Type: VALVE
- SubType: V-GATE

Location Description: 855's Location Description

Area: Area Code 2

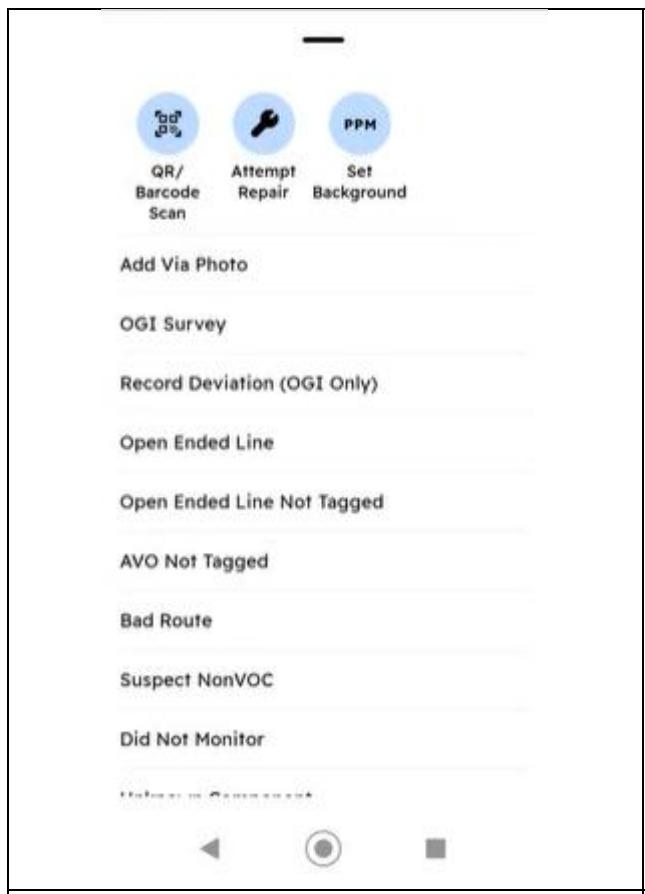
[View Details](#)

Below the tag details is a map view showing a location with a red dot. The map includes:

- A blue callout bubble with a blue arrow pointing right and the text "682552.4 m NW".
- Two circular icons in the top right corner: one with a double arrow and one with a target symbol.
- Buttons at the bottom: "M21" (black background), a dropdown arrow, "Monitor" (blue background), and a three-dot menu icon.
- Control buttons at the bottom: back, forward, and search.

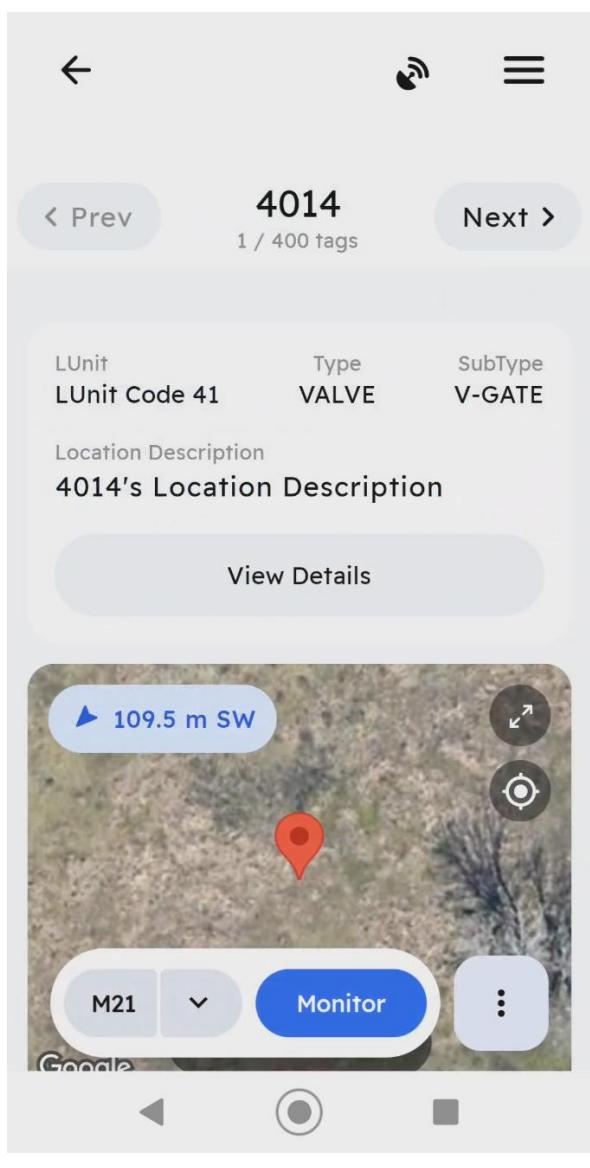
The right side of the interface is a large, empty white area.

The action menu can be accessed by tapping the three-dot icon in the bottom-right.

 <p>The image shows a mobile application's Action Menu. At the top are three circular icons: 'QR/Barcode Scan' (qr code), 'Attempt Repair' (wrench), and 'Set Background' (camera). Below these are several menu items: 'Add Via Photo', 'OGI Survey', 'Record Deviation (OGI Only)', 'Open Ended Line', 'Open Ended Line Not Tagged', 'AVO Not Tagged', 'Bad Route', 'Suspect NonVOC', and 'Did Not Monitor'. At the bottom are three navigation icons: a left arrow, a circular arrow, and a right arrow.</p>	<p>From there, the user can select from many features:</p>
<p>Add via photo</p>	<p>Allows you to promptly add a component utilizing your device's camera.</p>
<p>OGI Survey</p>	<p>Used to begin and end the OGI survey of an area and allows the Tech to record specific environmental details before and after the survey, if required.</p>
<p>Record Deviation</p>	<p>An OGI-specific feature allowing you to document when the ability to take a proper OGI image is inhibited.</p>
<p>Cooling Tower Inspection</p>	<p>Allows techs to promptly perform Cooling Tower monitoring on a component</p>
<p><b>Field Events</b></p>	<p><b>The list of field events below may or may not be enabled in your database. If enabled, they can be accessed through the Action Menu.</b></p>
<p>Open Ended Line</p>	<p>Allows for the reporting and tracking of Open-Ended Lines</p>
<p>Open Ended Line Not Tagged</p>	<p>Allows for the documenting of an open ended line not tagged</p>
<p>AVO Not Tagged</p>	<p>Enables the tech to collect information about an AVO that may or may not be tagged, and take specific actions in response to the AVO.</p>
<p>Bad Route</p>	<p>Allows the tech to report badly-routed components for follow-up and resolution</p>
<p>Suspect NonVOC</p>	<p>Allows you to report a tagged component suspected of not being in VOC service.</p>

Did Not Monitor	Picklist enabling you to specify why an assigned component was not monitored.
Unknown Component	Report a tagged component the tech suspects might not be in VOC service
Missing tag	Allows techs to report missing tags during routine monitoring

## Quick View

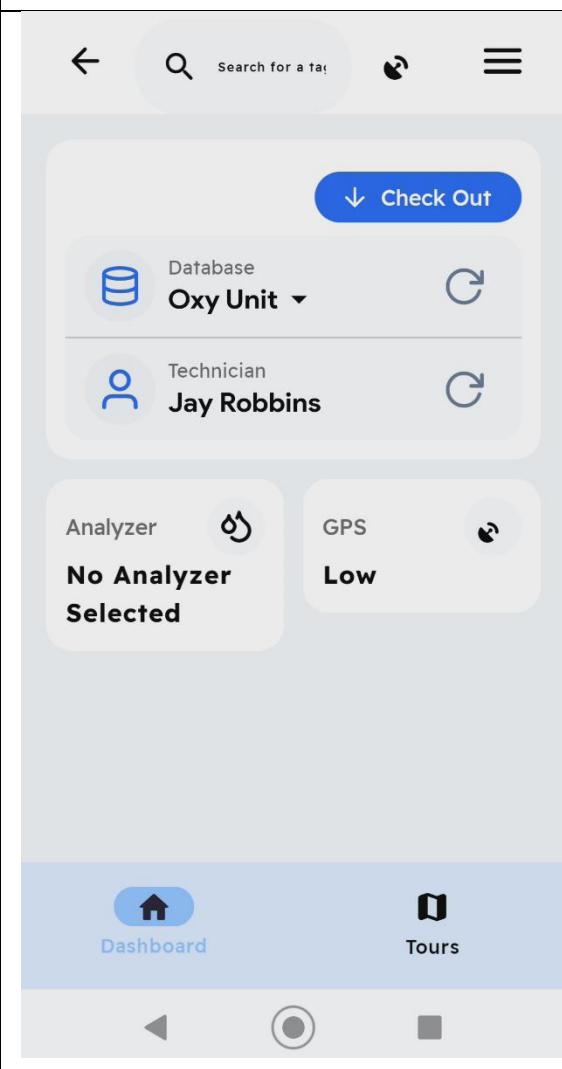


The Quick View Screen displays details about a component such as Tag ID, LUnit, Component Type, Subtype and Location Description. Additional details may be found by Tapping **View Details**.

### Notes:

- Tapping < **Prev** will bring up the previous component in the route.
- Tapping the back arrow will exit Quick View and return to the component list.

## Checking Out

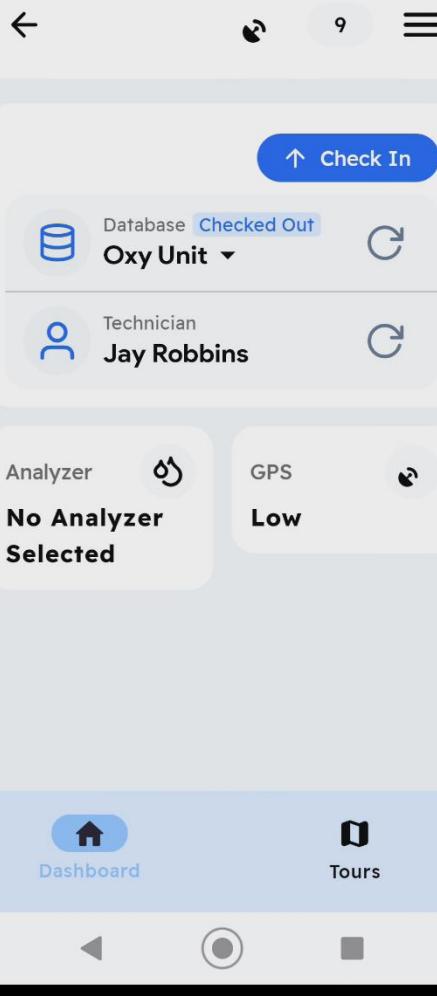


To Check out a Tour and begin using Chateau Mobile:

1. Select the database to be used by tapping the drop down for "Database".
2. Select the Technician to perform inspections by tapping the drop down for "Technician".
3. Tap Check out.
4. Processing screen will appear. Tap Done once all steps are completed.

Note: Tours must be assigned to a Technician in Chateau in order to be available for check-out.

## Selecting an Analyzer



1. If your tours include M21 inspections, select an analyzer by tapping the **Analyzer** card.



Analyzers

Available Analyzers

phx42-1083

phx42-6050

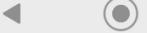
phx42-2772

phx42-2626

phx42-7053

Select Non-Bluetooth Analyzer

Searching for analyzers...



2. Tap on the analyzer to be used for the inspections

← phx42-7053

Disconnect

PPM

-100.00 PPM

Hydrogen

> 1200.0 PSI

Battery

OK

Ignition Status

Not Ignited

Probe Type

Standard ▾

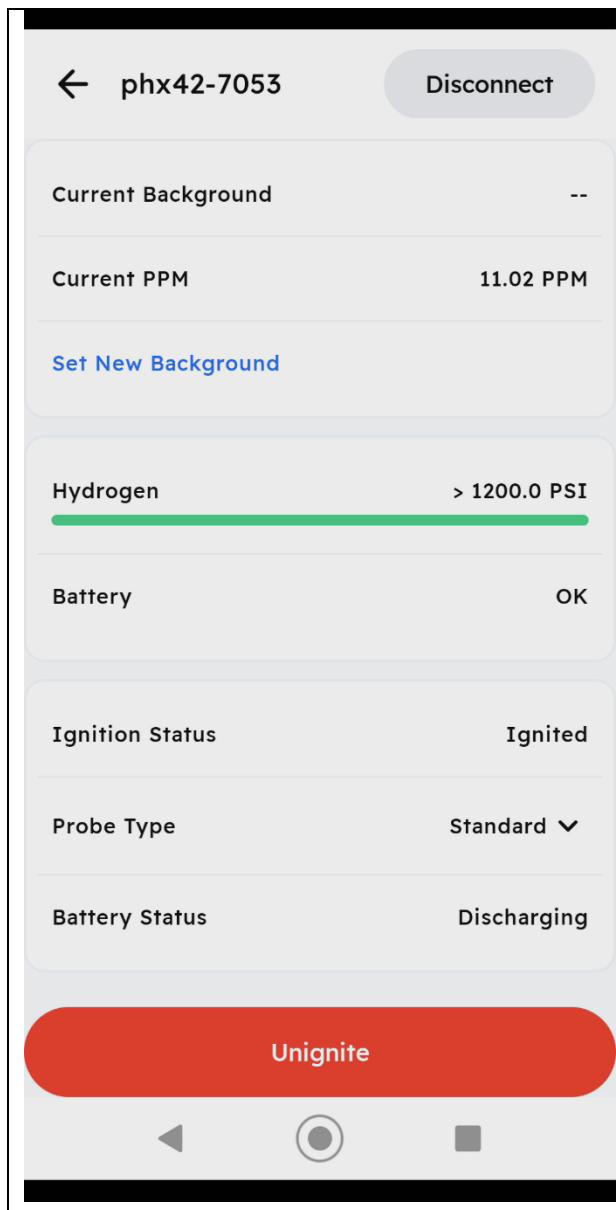
Battery Status

Discharging

Ignite

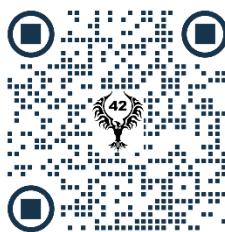


3. Tap Ignite

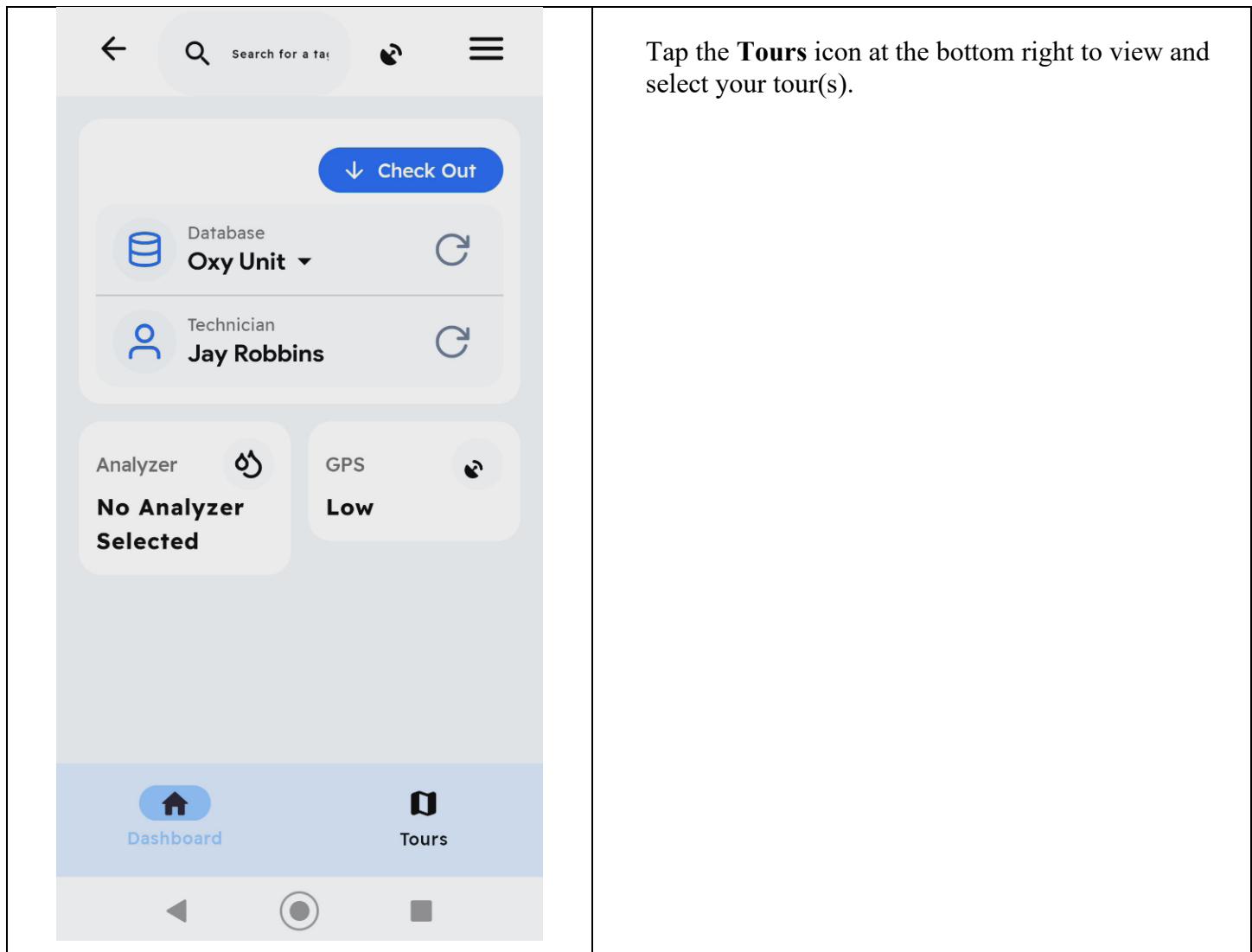


4. Tap Set New Background
5. Tap the back arrow to get to the dashboard

## Navigating Tours



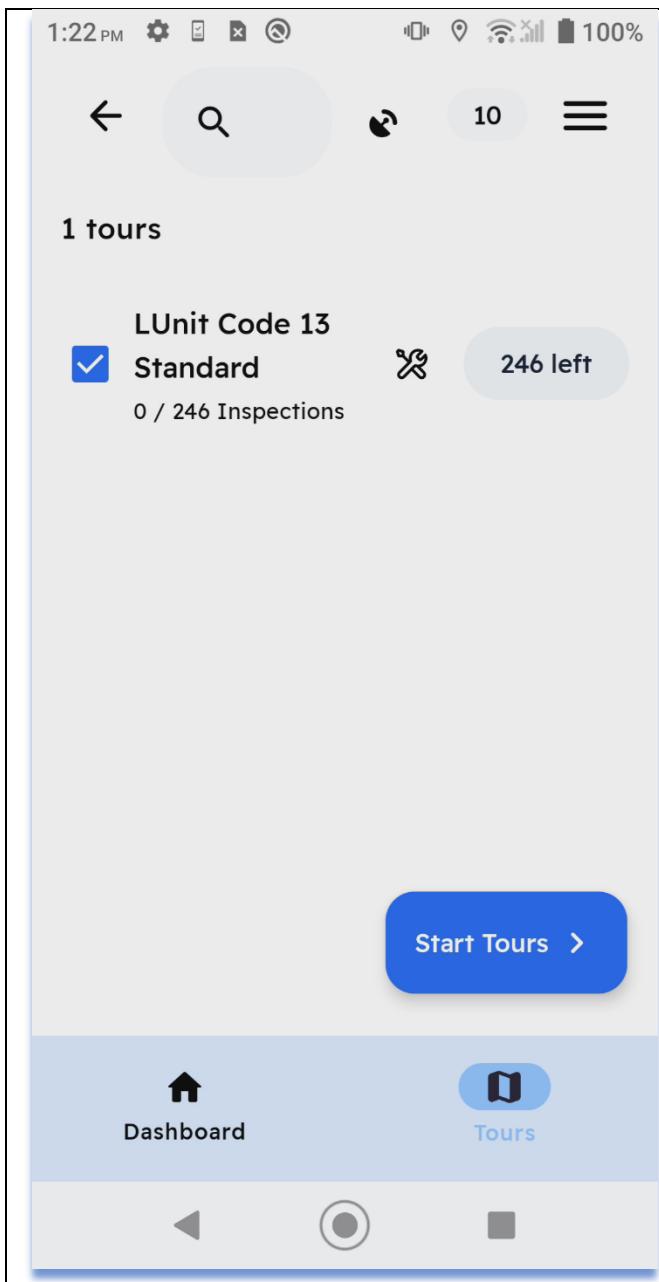
Click or scan the QR code for a video tutorial on Tour controls



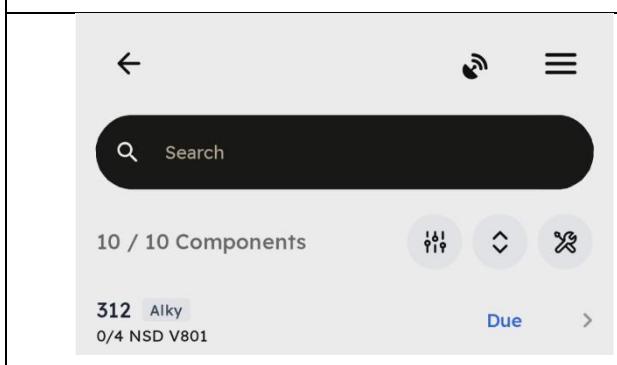
The screenshot shows a mobile application interface with the following elements:

- Top Bar:** Includes a back arrow, a search icon, a magnifying glass icon, and a menu icon (three horizontal lines).
- Check Out Button:** A blue button with a downward arrow and the text "Check Out".
- Database Section:** Displays "Database" and "Oxy Unit" with a dropdown arrow, and a circular refresh icon.
- Technician Section:** Displays "Technician" and "Jay Robbins" with a circular refresh icon.
- Analyzer Section:** Displays "Analyzer" and "No Analyzer Selected" with a circular refresh icon.
- GPS Section:** Displays "GPS" and "Low" with a circular refresh icon.
- Bottom Navigation Bar:** A blue bar with "Dashboard" (home icon) and "Tours" (book icon). The "Tours" icon is highlighted.
- Bottom Control Buttons:** Three small grey buttons: a left arrow, a circular button with a dot, and a square button.

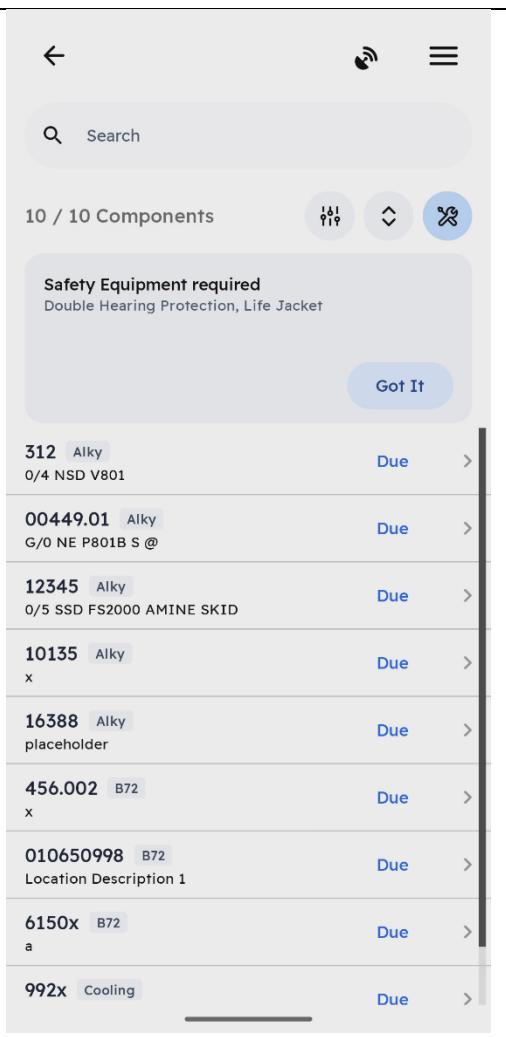
**Text on the right side:** "Tap the **Tours** icon at the bottom right to view and select your tour(s)."



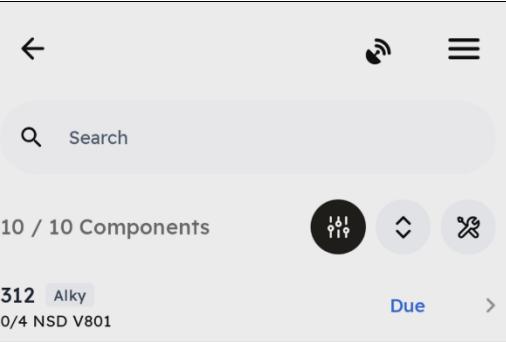
1. Select the tour(s) you will be inspecting today.
2. Tap “Start Tours”



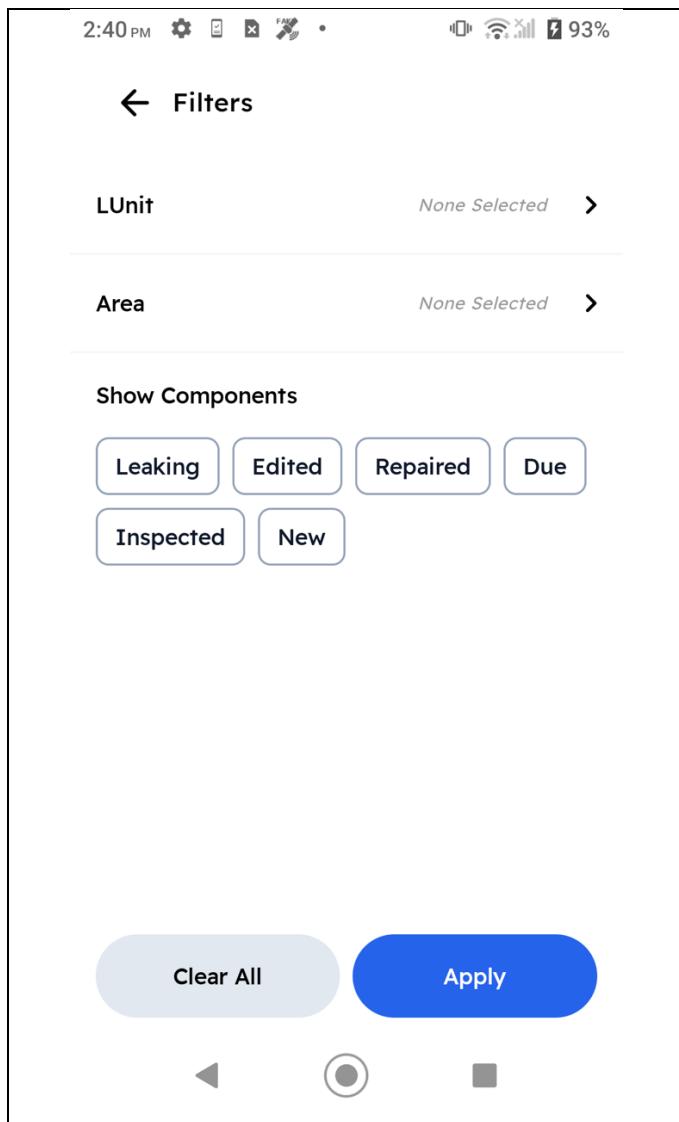
1. To search for a specific component, or a set of components, type the desired criteria in the **Search** bar.
2. Components matching the entered criteria will be listed below. Tap the desired component to display details.



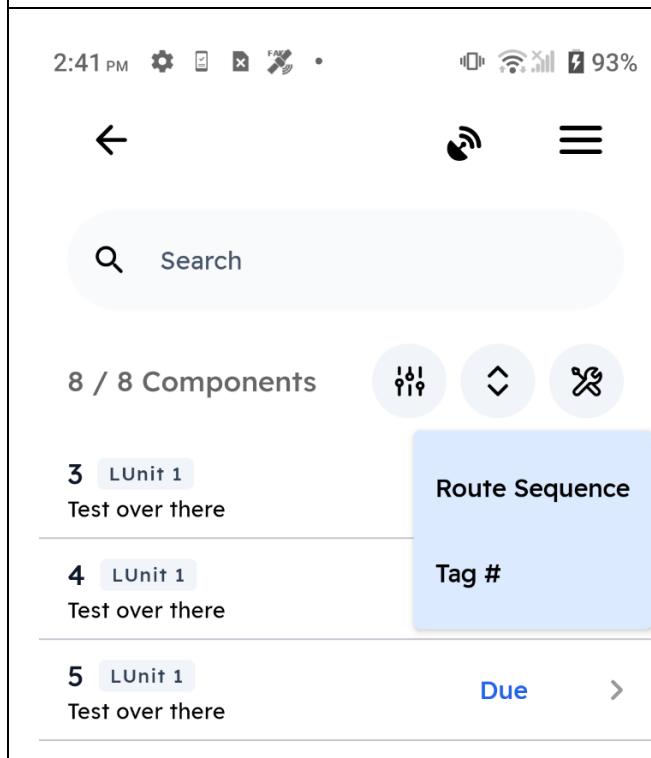
1. Acknowledge the Safety Equipment notice by tapping the **Got It** button (if enabled).



3. To filter components in the tour, tap the **Filter** icon.

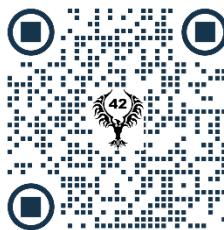


1. From the filter screen, components can be filtered by LUnit and/or Area.
2. Filters can be further refined by tapping the leaking, Edited, Repaired, Due, Inspected, or New icons.
3. Once the desired filter has been set, tap **Apply** at the bottom-right.
4. To clear an existing filter, tap **Clear All**.

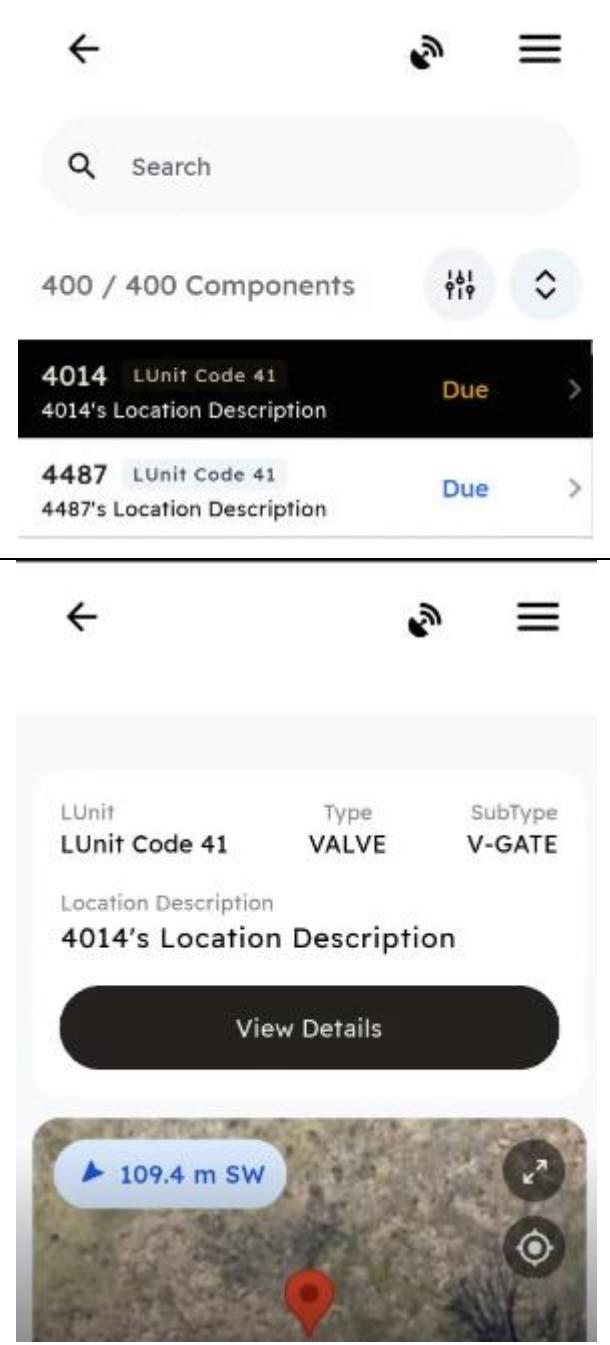
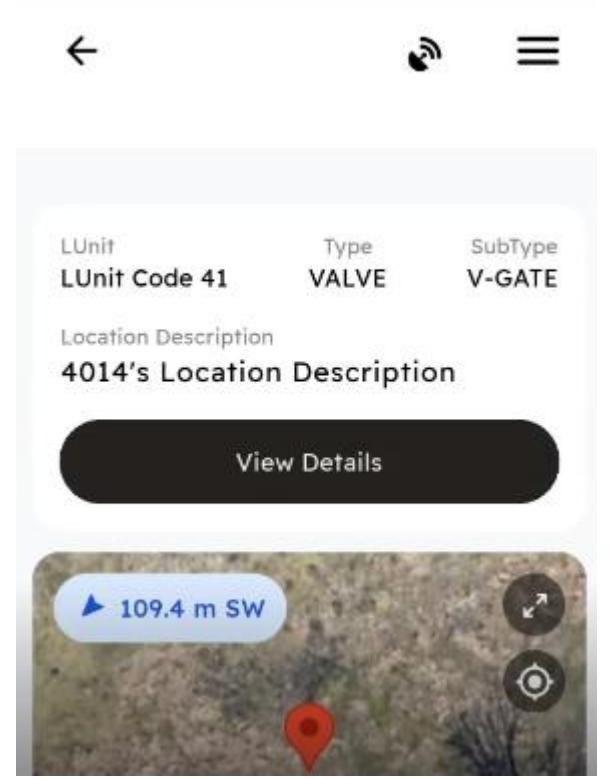


5. To sort components, tap the **Sort** icon. Components can be sorted by Route Sequence or Tag #.

## Editing Component Information



Click or scan the QR code for a video tutorial on editing component details

	<ol style="list-style-type: none"><li>1. To Edit component information, tap the component to be edited in the tour.</li></ol>
	<ol style="list-style-type: none"><li>2. Tap the <b>View Details</b> button.</li></ol>

The image consists of two side-by-side screenshots of a mobile application interface. The left screenshot shows a list of properties for a process unit, with 'Physical State' selected. The right screenshot shows the 'Edit Physical State' screen with options for GV, HL, LL, N/A, and UNK, and a 'Save' button at the bottom.

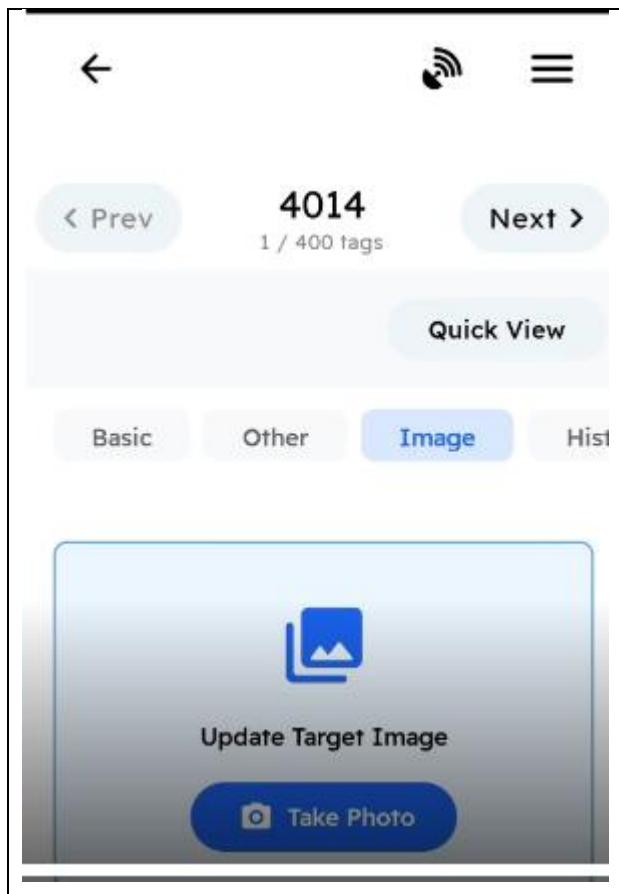
3. Tap the **Property** to be edited.

Physical State

4. Select the desired value.

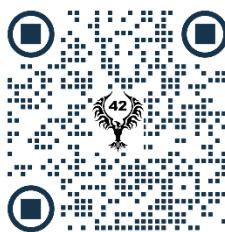
5. Tap the **Change Why** button, and select the reason for the change.

6. Tap the **Save** button.

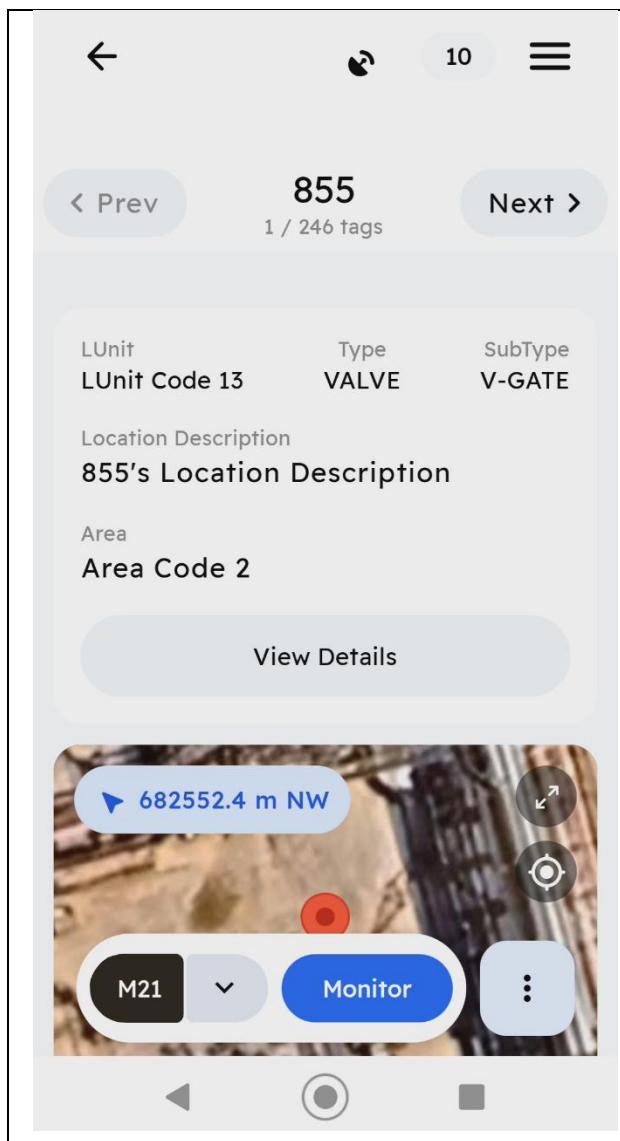


7. To update the **Target Image**, tap the Image button.
8. Tap the **Take Photo** button.
9. Using the device's camera, take a new photo.
10. Use the annotation tools to add any enhancements to the photo.
11. Tap **Save**.
12. Tap **Quick View** button to return to the tour.

## Method 21 Inspections



Click or scan the QR code for a video tutorial on what an M21 Technician needs to know



The screenshot shows the Component Quick View Screen for tag 855. The top header includes a back arrow, a refresh icon, the tag number '10', and a menu icon. Below the header, the tag number '855' is displayed with the subtext '1 / 246 tags'. Navigation buttons for 'Prev' and 'Next' are on either side. The main content area displays the following details:

LUnit	Type	SubType
LUnit Code 13	VALVE	V-GATE

Location Description: 855's Location Description

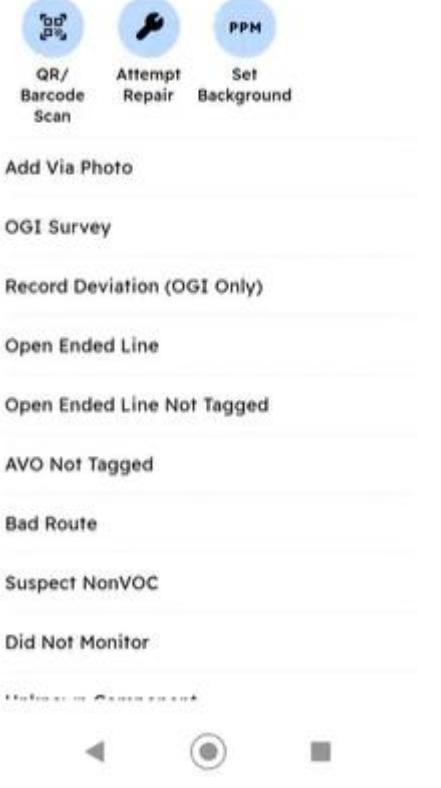
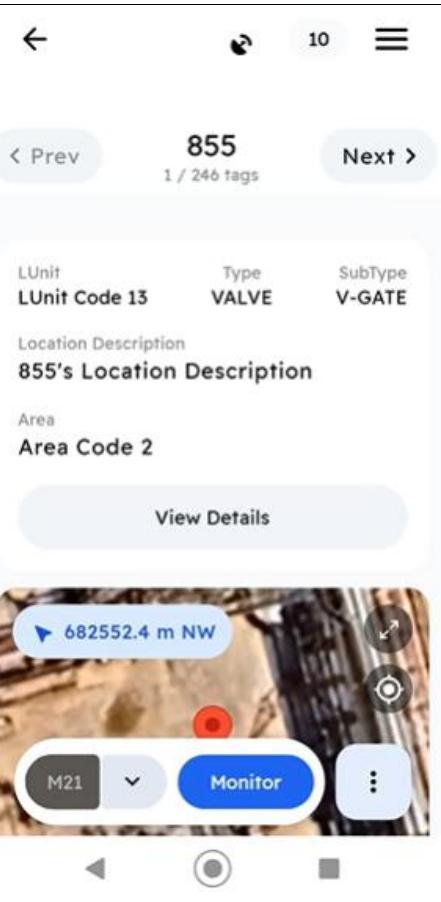
Area: Area Code 2

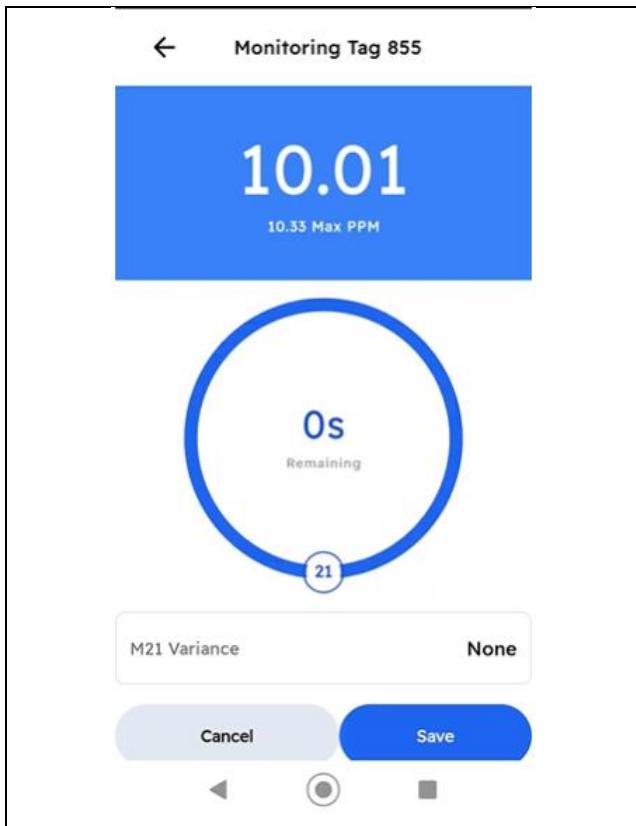
**View Details** button

Below the details is a camera view of the valve. The view includes a callout bubble with the text '682552.4 m NW'. On the right side of the camera view are three circular icons: a double-headed arrow, a target, and a three-dot menu. At the bottom of the camera view are three buttons: 'M21' (black), 'Monitor' (blue), and a three-dot menu. Navigation icons for back, forward, and search are at the very bottom.

**1.** Prior to performing Method 21 Inspections, set the background reading for the analyzer

**2.** From the **Component Quick View Screen**, Tap the **Action Menu** on the bottom right (three dots)

	<ol style="list-style-type: none"> <li>3. Tap Set Background</li> <li>4. Follow onscreen instructions to set background</li> </ol>
	<ol style="list-style-type: none"> <li>1. From the Tour list, tap the component to be inspected.</li> <li>2. Make sure that M21 is selected as the inspection type</li> <li>3. Tap the Monitor button</li> </ol>



Monitoring Tag 855

10.01  
10.33 Max PPM

0s  
Remaining

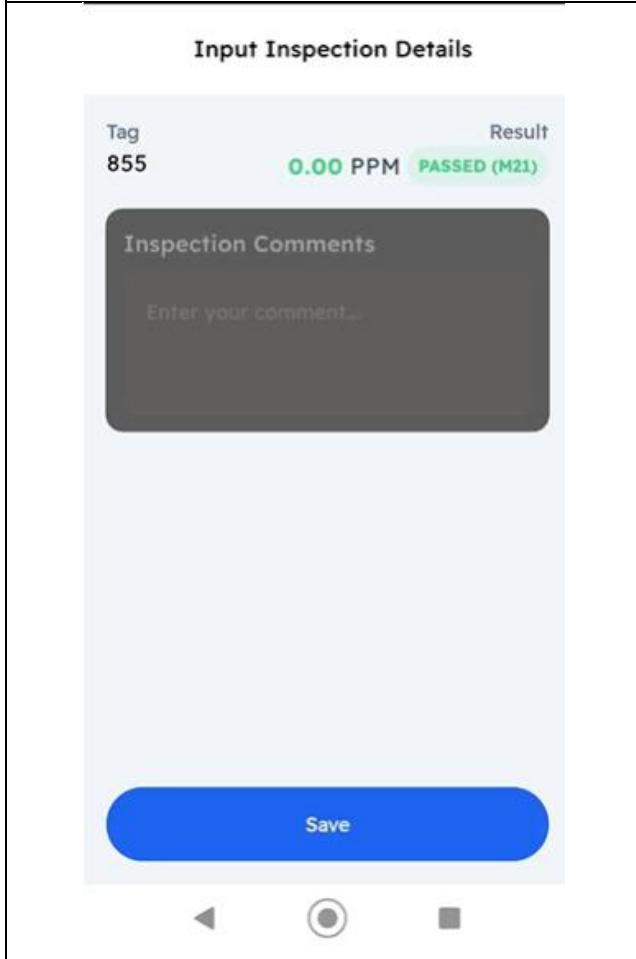
M21 Variance **None**

Cancel **Save**

21

This screen shows the monitoring results for Tag 855. The reading is 10.01, with a maximum of 10.33 PPM. A timer is displayed as 0s remaining. The M21 Variance is set to None. The Save button is highlighted in blue.

1. Inspect the component in accordance with Method 21. At a minimum, you must inspect the component until the timer goes to 0.
2. Tap the **Save** button.



**Input Inspection Details**

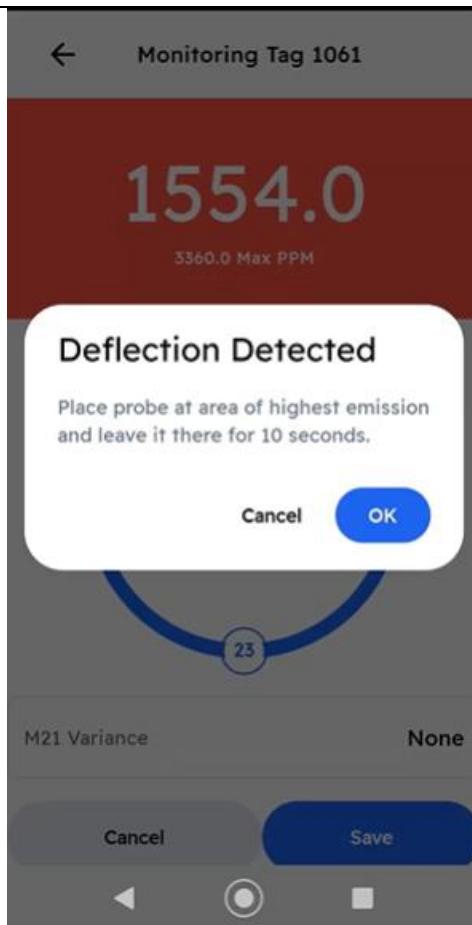
Tag 855 Result 0.00 PPM **PASSED (M21)**

Inspection Comments  
Enter your comment...

**Save**

This screen shows the inspection details for Tag 855. The result is 0.00 PPM, marked as PASSED (M21). There is a comment field labeled "Enter your comment..." which is currently empty. The Save button is highlighted in blue.

1. Review the monitoring results.
2. Record any comments (optional)
3. Tap the **Save** button



1. For a **leaking** component, place the probe at the highest emission and leave for a minimum of 10 seconds. Click **Ok** to start the inspection at the highest emission.

Input Leak Details

Tag: 1061 Result: 3349 PPM FAILED (M21)

Details

Emission Point \*

Leak Images

+ Add Leak Image(s)

Repair Attempt

+ Input Repair Attempt

Inspection Comments

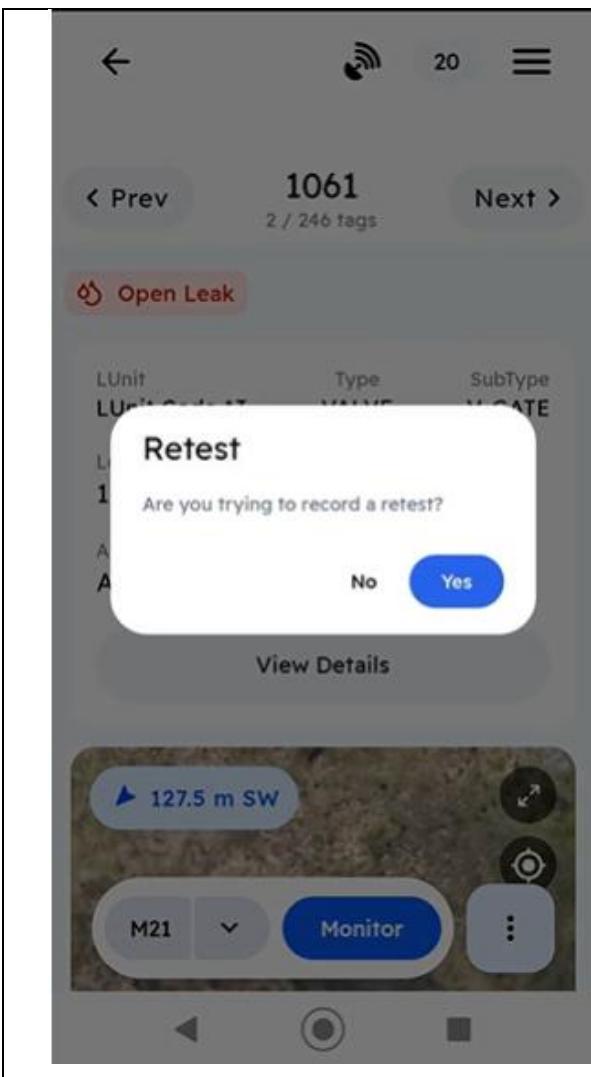
Save

After the leak has been saved, the **Input Leak Details** screen will be displayed.

1. Tap **Select** to enter the part leaking.
2. Tap **Add Leak Image(s)** to take a photo of the leak point.
3. If a repair attempt is made at this time, tap **Input Repair Attempt** and select the type of attempt.
4. Tap **Inspection Comments** to add any comments about the leak.

NOTE: Once all required fields have been completed, the save button will become active.

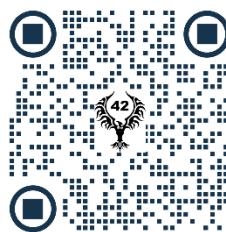
5. Tap the **Save** button.



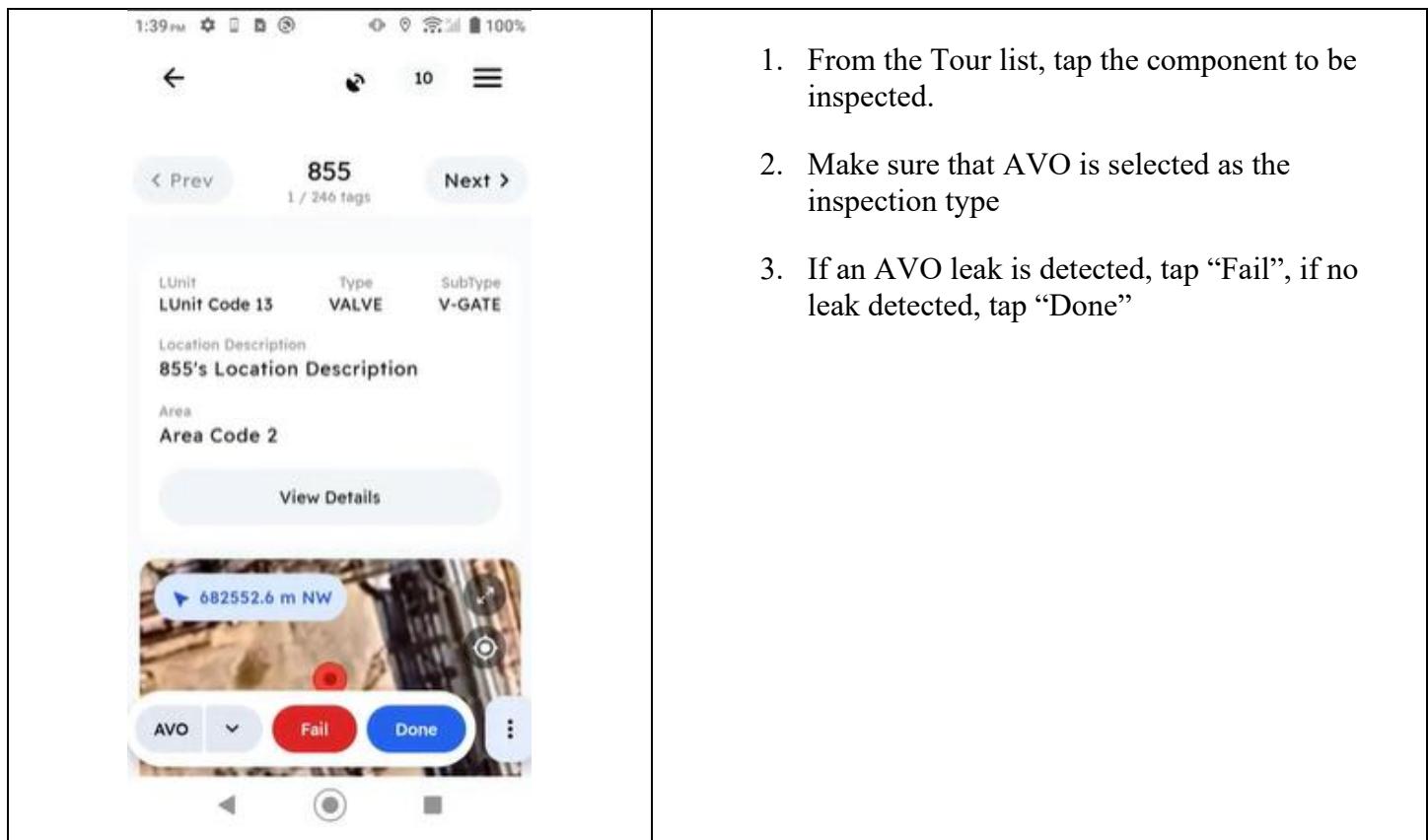
After a repair attempt, to perform a retest:

6. Return to that component's details by tapping the **Prev** button
7. Tap the **Monitor** button
8. Tap **Yes** when asked if you are trying to record a retest
9. Re-inspect component using the same process as described above
10. When complete, tap **Save**

# AVO Inspections



Click or scan the QR code for a video tutorial on what an AVO Technician needs to know



1. From the Tour list, tap the component to be inspected.

2. Make sure that AVO is selected as the inspection type

3. If an AVO leak is detected, tap “Fail”, if no leak detected, tap “Done”

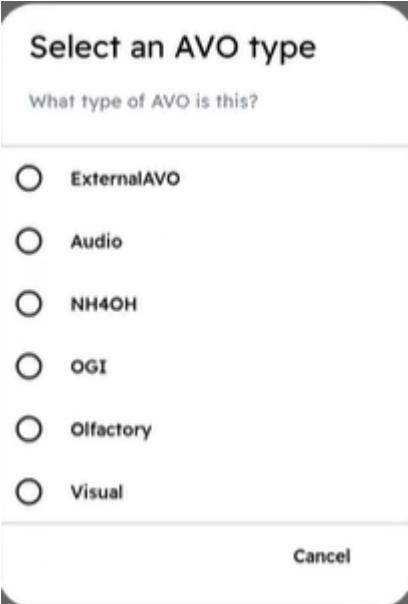


4. Select the Inspection Why.

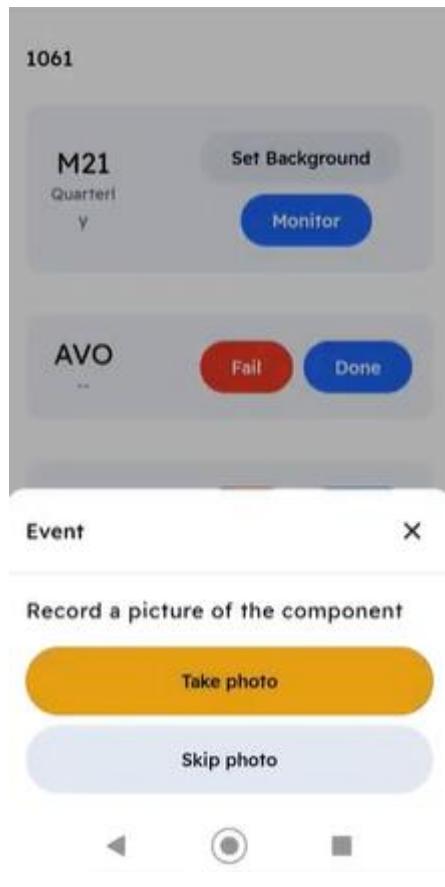
**Note:** This will only appear during an unscheduled inspection.



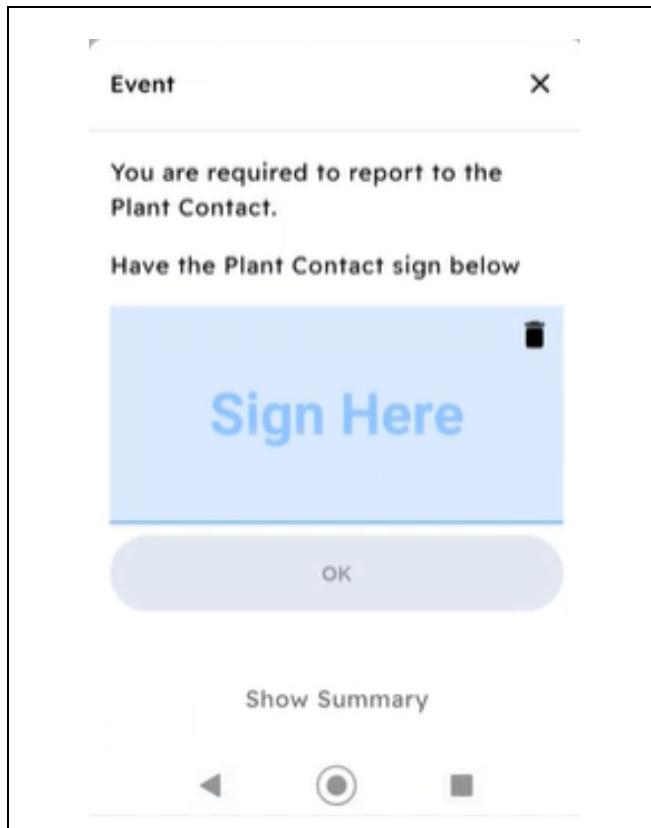
5. Enter comments (if any) and tap Save.



6. If a **Fail** is reported, **Select an AVO Type** will appear on the screen. Tap the reason the component failed the inspection.

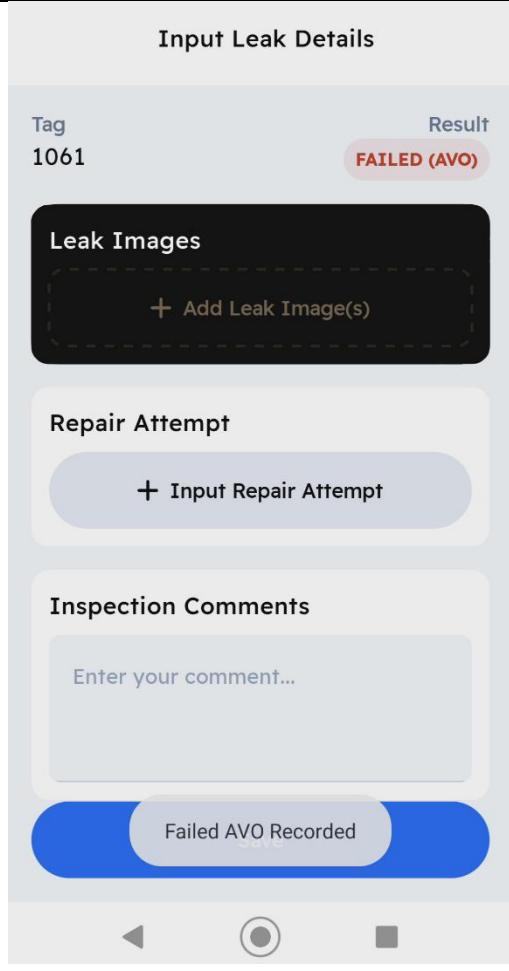


7. If desired, tap Take Photo and, using the camera on your device, take a photo

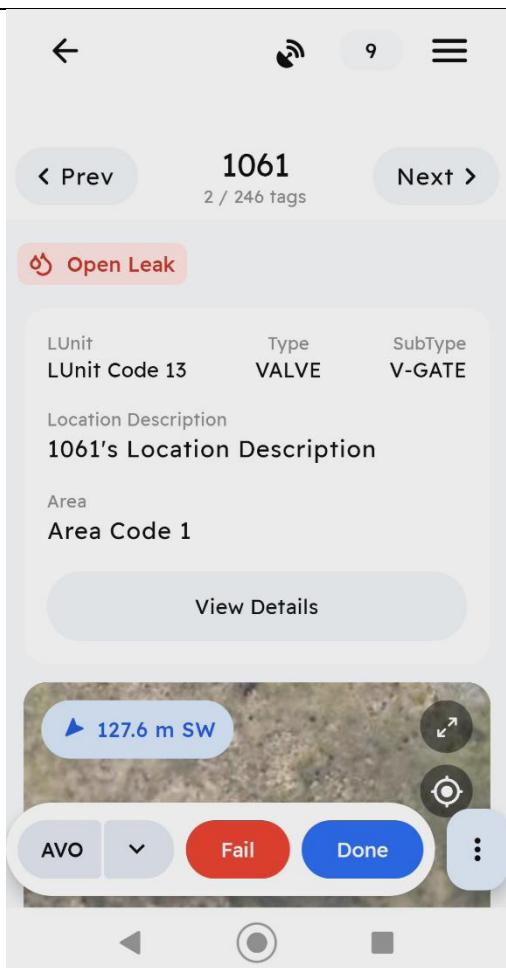


8. A signature may be required. Once the Plant Contact has signed on your device, click **OK**.

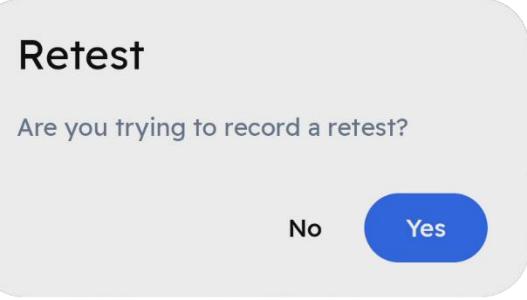
**Note:** This prompt is database-specific, if the user has the feature and the option within the feature for the signature enabled.



9. Capture 1 or more photos of the leak by tapping **+ Add Leak Image(s)**.
10. If a repair attempt is made, tap **+ Input Repair Attempt** to record the attempt.
11. Record Comments by tapping “Inspection Comments”.
12. Tap Save.



13. To perform a retest, tap **Done** (if passed) or **Fail**, if applicable.



14. Tap **Yes** to indicate a retest was performed.

**Input Inspection Details**

Tag  
1061

Result  
PASSED (AVO)

**Inspection Comments**

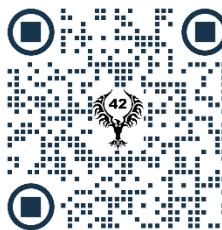
Enter your comment...

Passed AVO Recorded

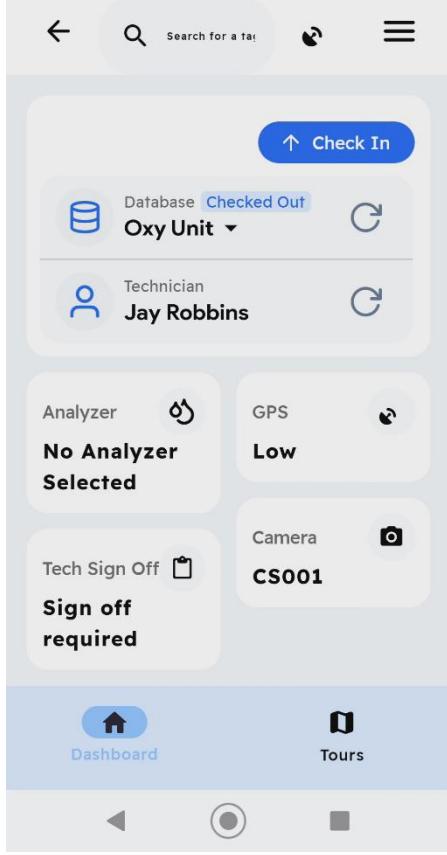
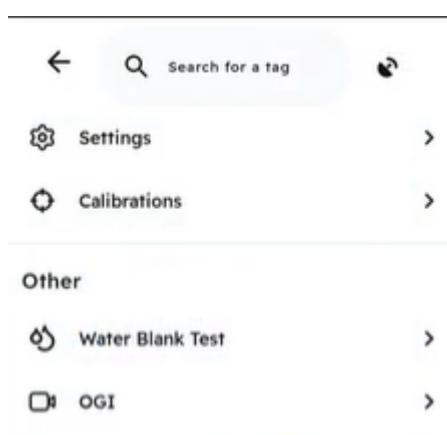


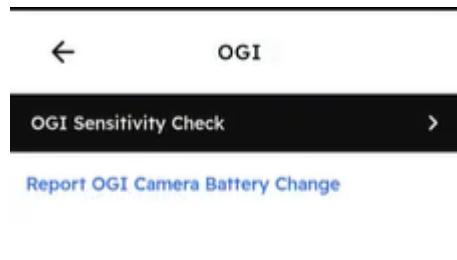
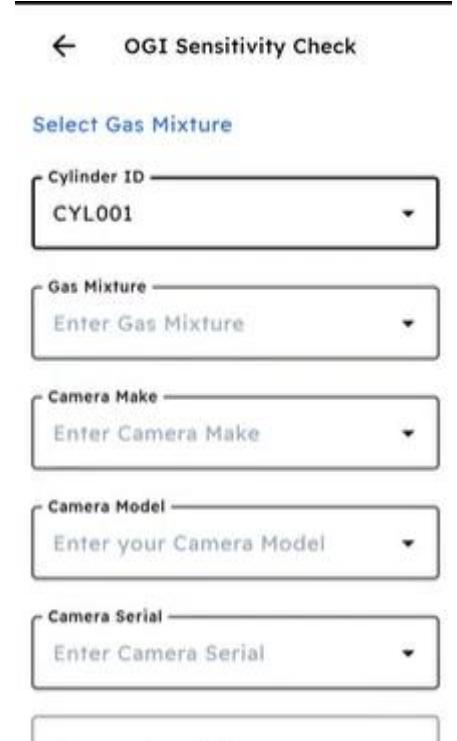
15. Enter any comments and tap **Save**

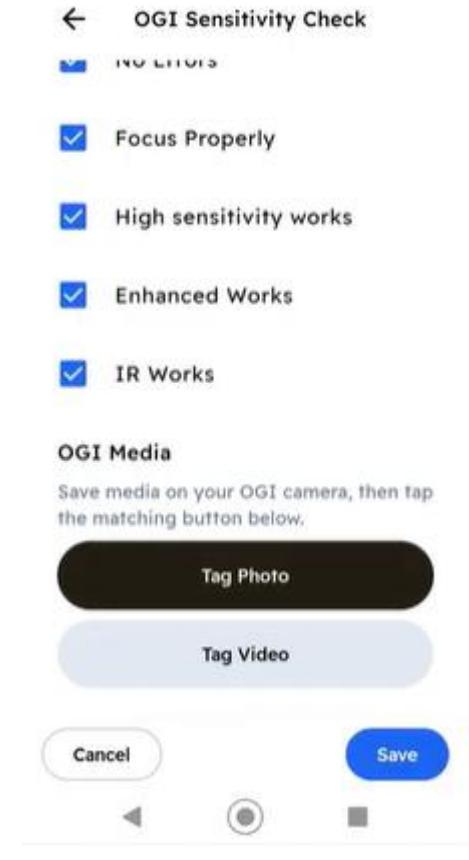
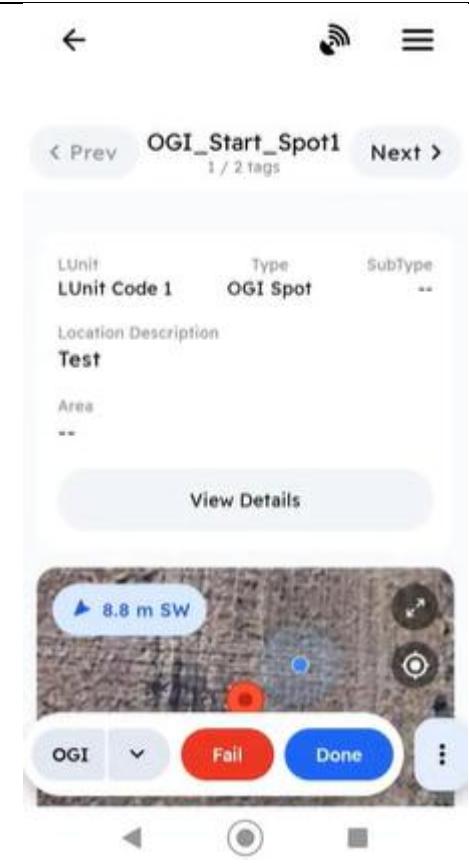
# OGI Survey (OOOOB) Inspections

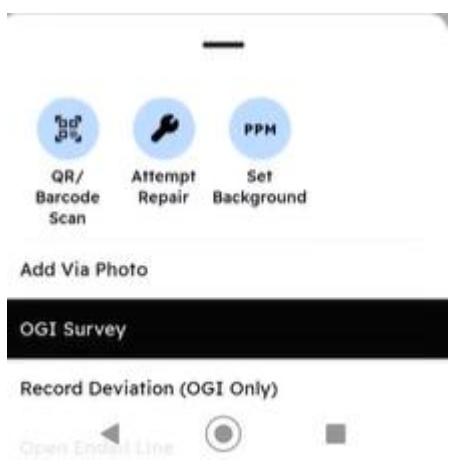


Click or scan the QR code for a video tutorial on what an OGI Survey Technician needs to know

	<ol style="list-style-type: none"><li>1. Check out a tour, tap the <b>hamburger button</b> in the upper right corner to perform an OGI Sensitivity Check.</li></ol>
 <hr/> <ul style="list-style-type: none"><li>Settings</li><li>Calibrations</li><li>Other</li><li>Water Blank Test</li><li><b>OGI</b></li></ul>	<ol style="list-style-type: none"><li>2. Tap the <b>OGI</b> Option</li></ol>

	<p>3. Tap OGI Sensitivity Check</p>
	<p>4. Populate all fields with the appropriate information.</p>

	<ol style="list-style-type: none"> <li>Select Tag Photo or Tag Video to indicate which option to be used for the sensitivity check.</li> <li>Tap Save.</li> <li>Tap back arrow twice to return to your tour.</li> <li>Select the tour to be used during the day.</li> </ol>
	<ol style="list-style-type: none"> <li>Select the first record to be inspected with the OGI camera.</li> <li>Tap the Action Menu in the lower right hand corner (three vertical dots).</li> </ol>



11. Tap OGI Survey

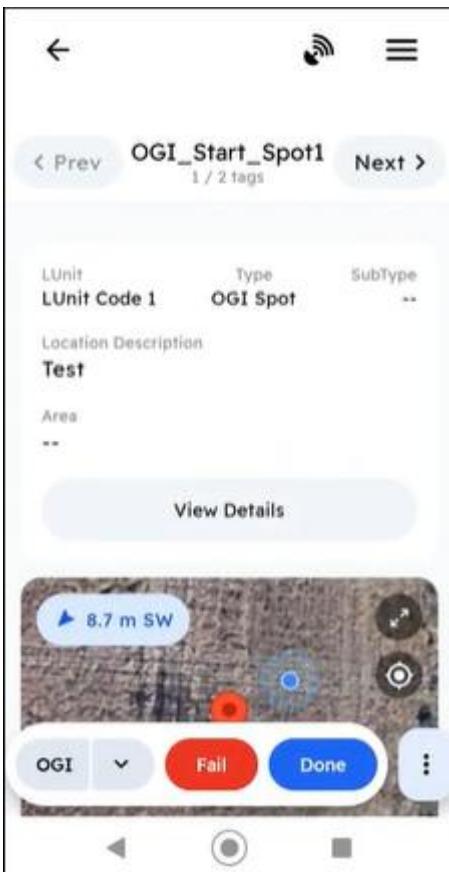
A screenshot of the 'OGI Sensitivity Check' form. The form includes the following fields:

- Camera Serial: CS001 (dropdown menu)
- Temperature (°F): 80
- Pressure (psia): (empty input field)
- Flow Rate: 0.0
- Wind Speed: (empty input field)
- Wind Direction: Enter Wind Direction (dropdown menu)
- Cloud Cover: (empty input field)

At the bottom of the form are 'Cancel' and 'Save' buttons, and three navigation icons: a left arrow, a circle, and a square.

12. Fill in all required field as well as any other fields required by the applicable regulation

13. Tap **Save**.



14. Once you have completed inspecting the first component, tap **Done**.



15. Select the OGI Camera used for the inspection.

**Input Inspection Details**

Tag: OGI\_Start\_Spot1      Result: PASSED (OGI)

**OGI Media**  
Save media on your OGI camera, then tap the matching button below.

**Tag Photo**

**Tag Video**

**Inspection Comments**  
test

**Save**

16. If a photo is required for the applicable regulation, take the picture with your OGI Camera, THEN tap **Tag Photo**.
17. If a video is required for the applicable regulation, take and record the video and save the video on your Camera, THEN tap **Tag Video**.
18. Enter any comments.
19. Tap **Save**.

**OGI\_End\_Spot2**  
2 / 2 tags

LUnit: LUnit Code 1      Type: OGI Spot      SubType: --

Location Description: Test

Area: --

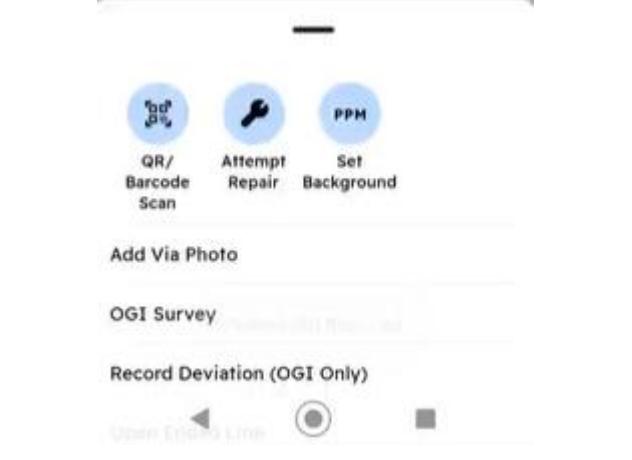
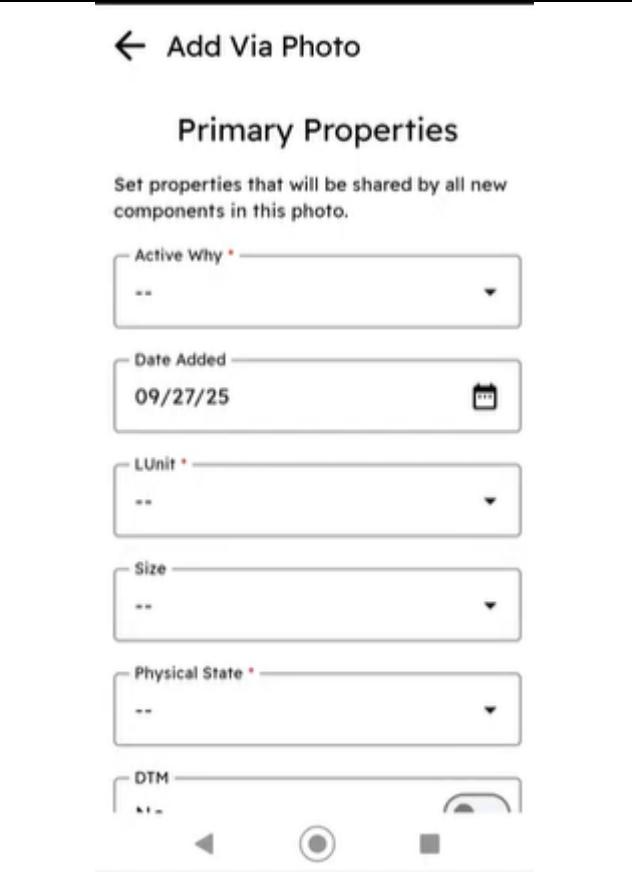
**View Details**

**OGI**      Passed OGI Recorded      **Done**

Chateau Mobile will display the next component to be monitored.

If at any time you find a leak while performing an OGI Survey, you can either create the new component in Chateau Mobile and assign the leak to that component when you find it or wait until you have almost completed the survey and create all the leaks before you do the last OGI Spot to complete the Survey.

**Note:** Always Tap **Done** when an inspection on an OGI SPOT is complete. Never tap **Fail** on an OGI SPOT. Fail should only be indicated on the actual component leaking, (Valve, Flange, Compressor, etc) not the OGI Spot.

	<ol style="list-style-type: none"> <li>20. To create a component in order to record a leak on it, tap the <b>Action Menu</b> in the lower right hand corner</li> <li>21. Tap Add Via Photo</li> <li>22. Take a photo of the largest area possible while still being able to locate the leak. You may take additional photos, later, to help maintenance find the specific leaking component.</li> </ol>
	<ol style="list-style-type: none"> <li>23. Enter the Primary Properties</li> <li>24. For Active why, select OGI Leak</li> </ol>

← Add Via Photo

Size	8	X
Physical State	GV	X
DTM	No	<input checked="" type="checkbox"/>
Area	Area 1	X
REN	ReferenceEquipmentNumber	X
SubREN	SubRen Code 1	X

Continue

← Add Via Photo

Tag Numbering Method

**Automatic**

Auto-generate tag numbers (e.g. 8/18/25-RG-1).

**Series**

Enter a tag number series.

**Manual**

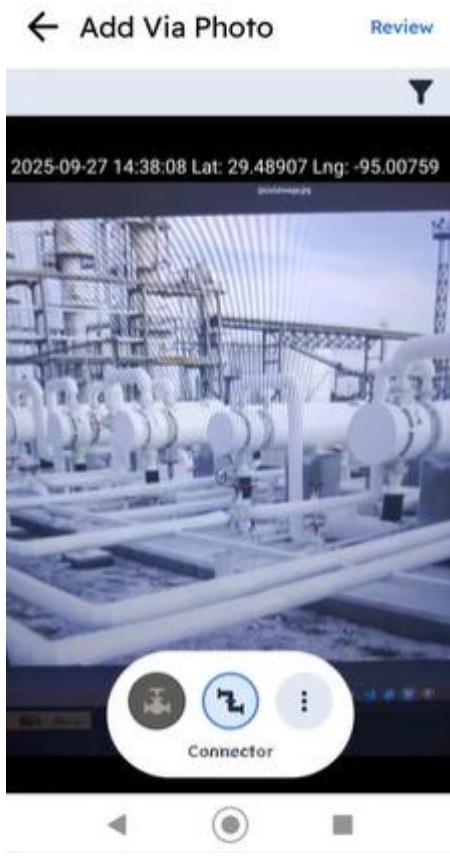
Enter each tag number manually.

Create Components

25. Tap Continue when finished

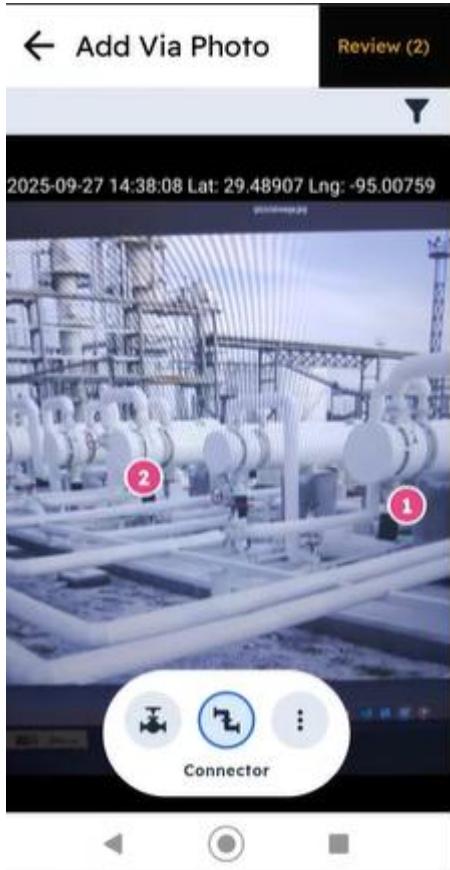
26. Tap the desired method for recording a tag number for the leaking component

27. Tap Create Components

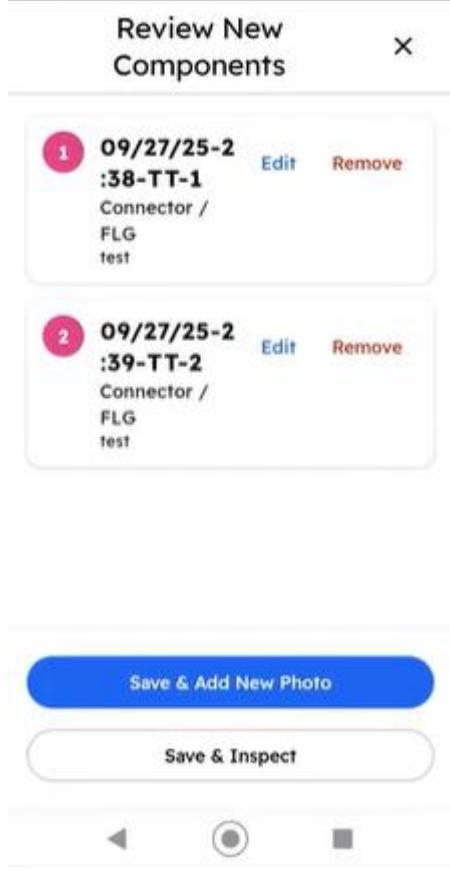


28. Tap the appropriate component type
29. Tap the location of the component on the recorded image

30. Fill in all applicable details of the component
31. Tap Done

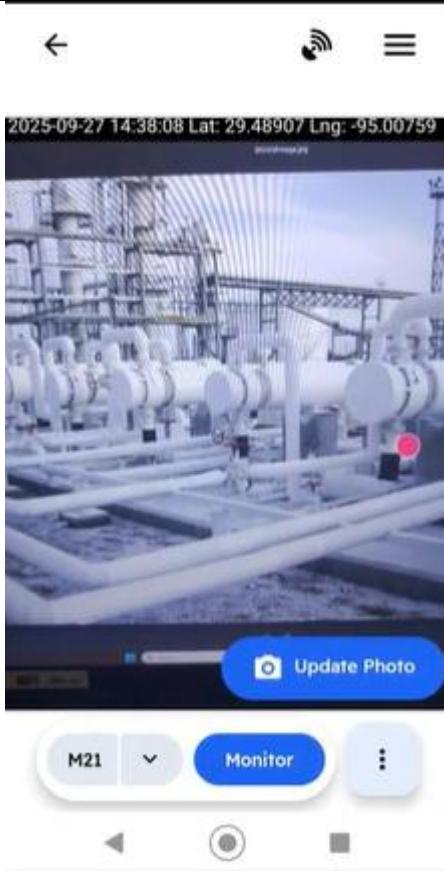


32. Repeat process for any other leaks

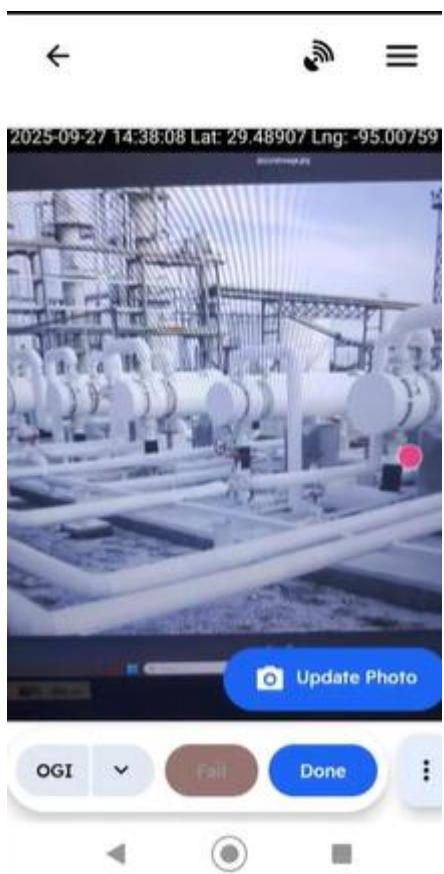


Review the added components:

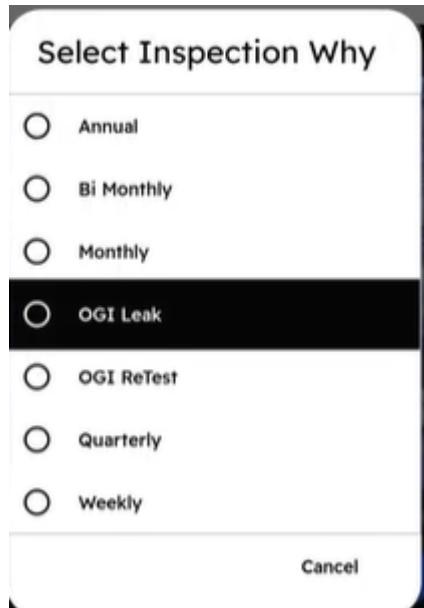
33. Tap **Save & Add Photo** if no further inspections will be performed for these components
34. Tap **Save & Inspect** if further inspections will be performed for these components



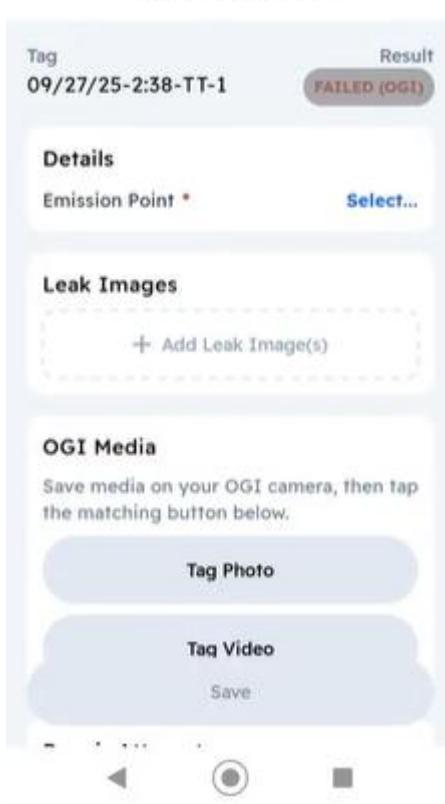
35. If **Save & Inspect** is select, Chateau Mobile will display the details screen for the first new component
36. Change the inspection method to **OGI**



37. Tap **Fail**



38. Tap OGI Leak



39. Tap **Select...**, and select the appropriate emission point from the picklist
40. Tap **+ Add Leak Image(s)** and use the camera on your device to take a picture of the leak. Annotate picture to show the leak's location.
41. Take a photo and/or video then click on Tag Photo and or Tag video to tag it
42. Repeat process above for any additional leaks

**Input Leak Details**

**OGI MEDIA**

Save media on your OGI camera, then tap the matching button below.

**Tag Photo**

 Video Tagged: 2:40 PM X

**Repair Attempt**

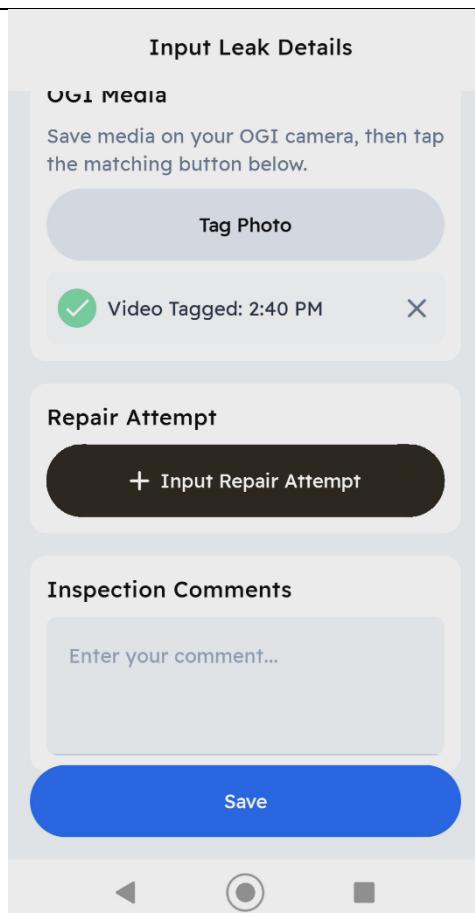
**+ Input Repair Attempt**

**Inspection Comments**

Enter your comment...

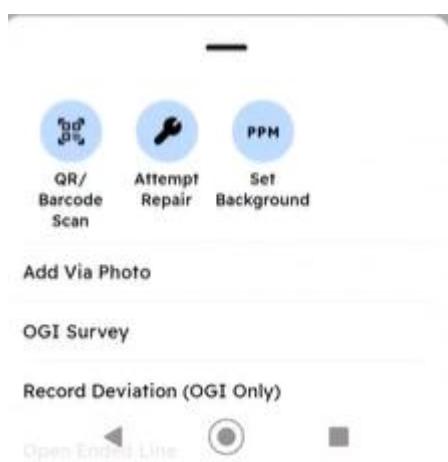
**Save**

◀ ◅ ◁ ◁



43. If a repair attempt is performed, tap **+ Input Repair Attempt** and input necessary information on the screen that appears

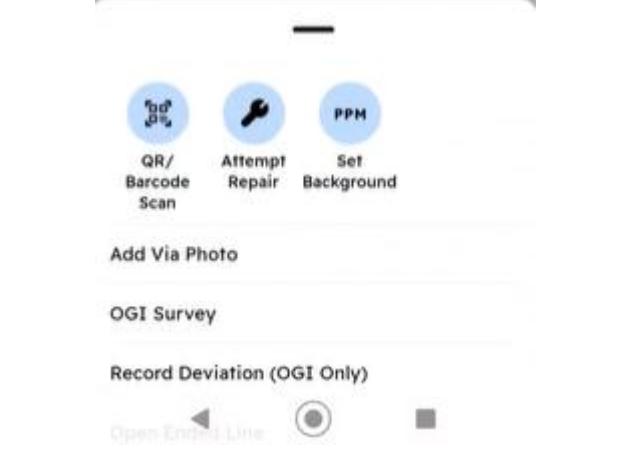
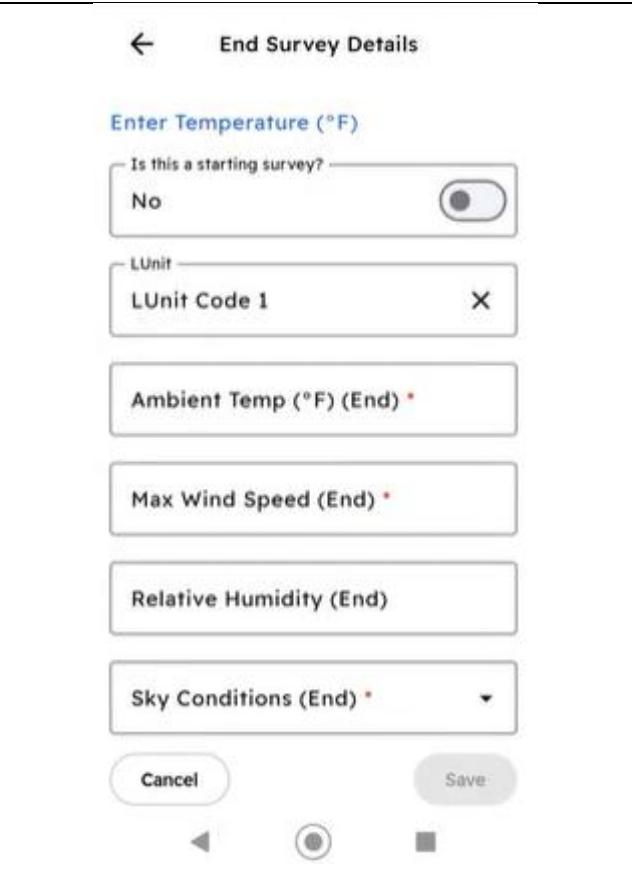
44. Repeat process described above for entering any retest information (if performed)

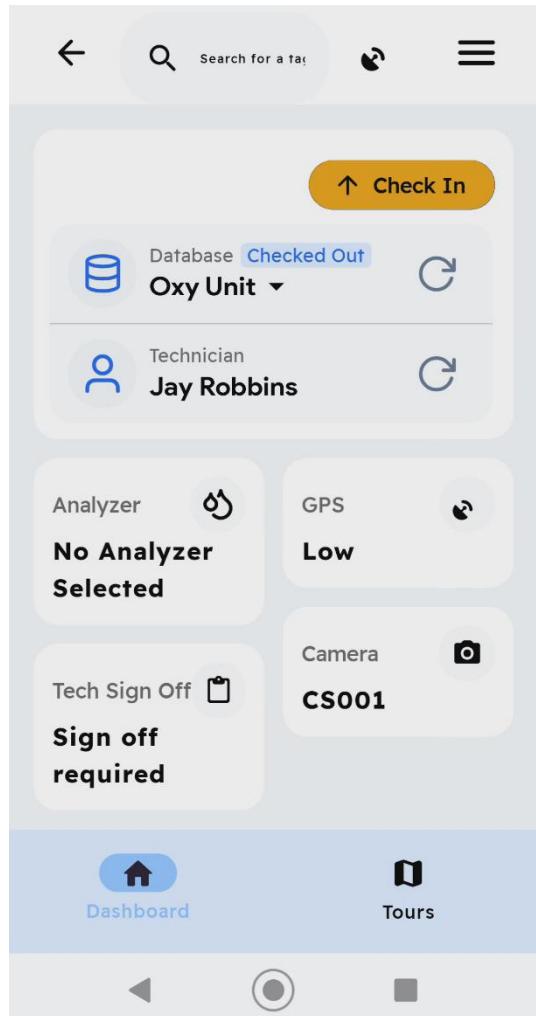


45. If unable to take a proper image of an OGI spot, go to the **Detail Screen** for the component, tap the **Action Menu** and tap **Record Deviation (OGI Only)**



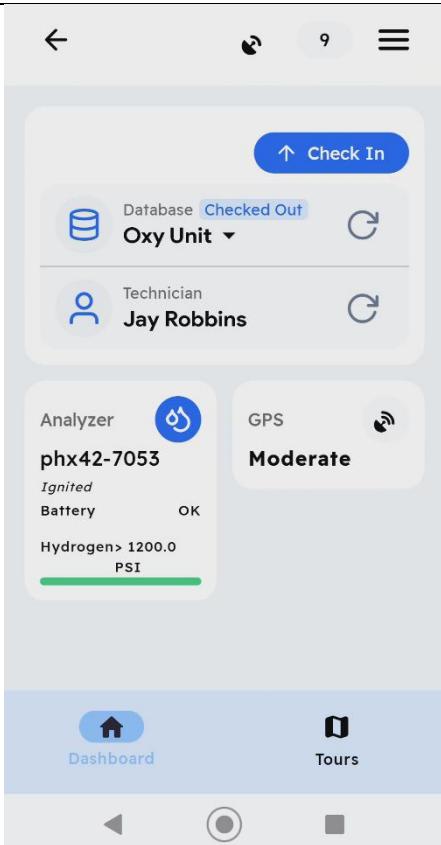
46. Type the reason a proper image could not be taken

	<p>47. Upon completion of an OGI Spot, tap the Action Menu, then Tap OGI survey to review <b>Survey Details</b>, and make any updates if necessary to survey conditions</p> <p>48. Tap Save when done. If no changes are needed, tap Cancel.</p>
	<p>49. Make any updates if necessary to survey conditions</p> <p>50. Tap Save when done. If no changes are needed, tap Cancel.</p>



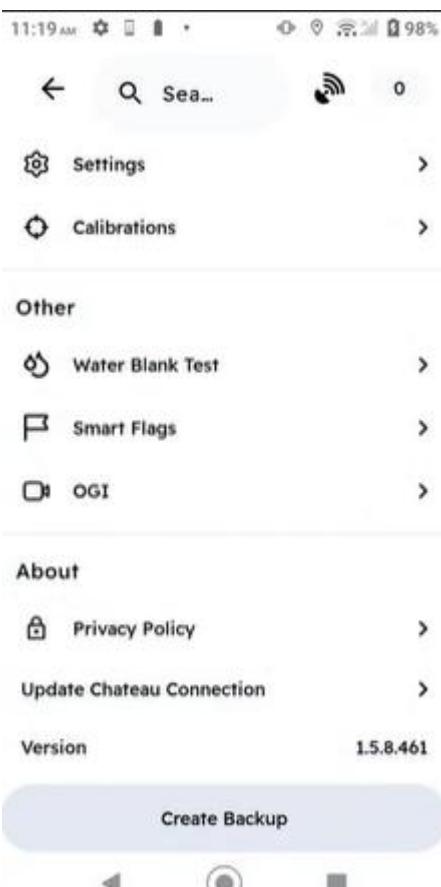
51. Once done for the day, **Check in** inspection results from the main dashboard

# Calibration



1. From the home screen, tap hamburger icon in the upper right hand corner

Before you begin manually calibrating, note:



2. Tap Calibrations

11:19 AM ⚡ 🌐 ⚡ 98%



## Calibrations

Calibrate



Input Confirmation PPM



Input Drift Record



11:19 AM ⚡ 🌐 ⚡ 98%



## Calibrations

### Calibration

phx42-9713

#### Current Calibrations

0.0 ppm	2025/09/05 11:08:49
10000.0 ppm	2025/09/05 11:10:09
100.0 ppm	2025/09/05 11:09:11
500.0 ppm	2025/09/05 11:09:37

Calibrate

Calibrate  
Zero

Calibrate  
Spans



3. Tap Calibrate

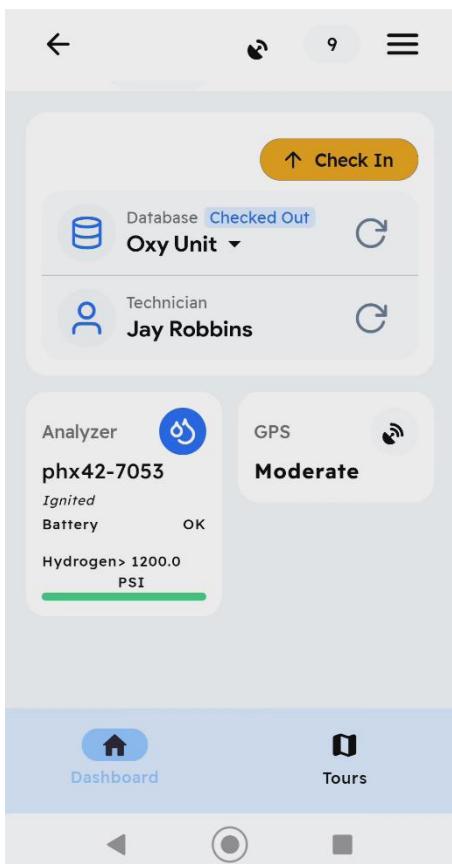
4. Tap Calibrate



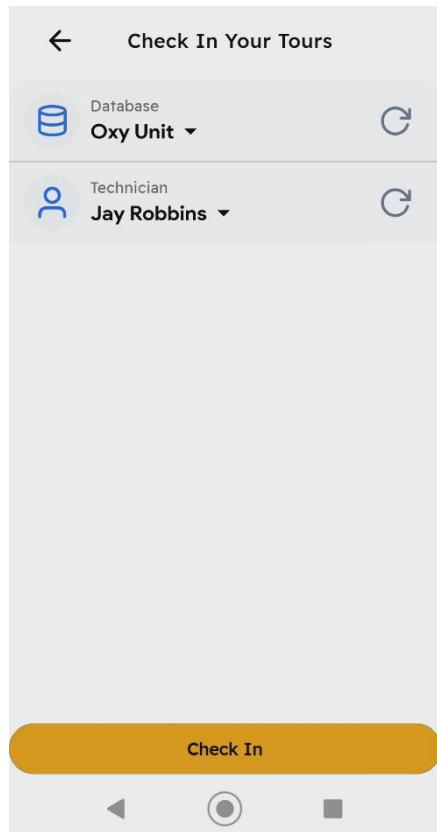
5. Type the actual PPM for the cylinder onto the PPM field.
6. Apply gas (begin with 0 PPM) and then tap Generate.
7. Let the calibration run.
8. The phx42 will sample the gas, then display the “Calibration Complete” message.
9. Repeat Steps 5-8 until all the Calibration Spans have been added, then tap Done.

**Note:** To calibrate a phx42 using an Extension Probe without changing the unit settings, apply gas, wait 18 seconds, and then tap Calibration.

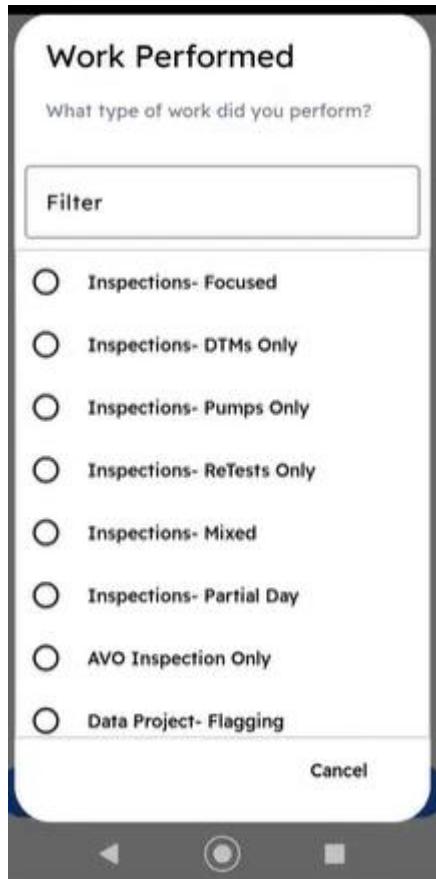
## Check In – End of day



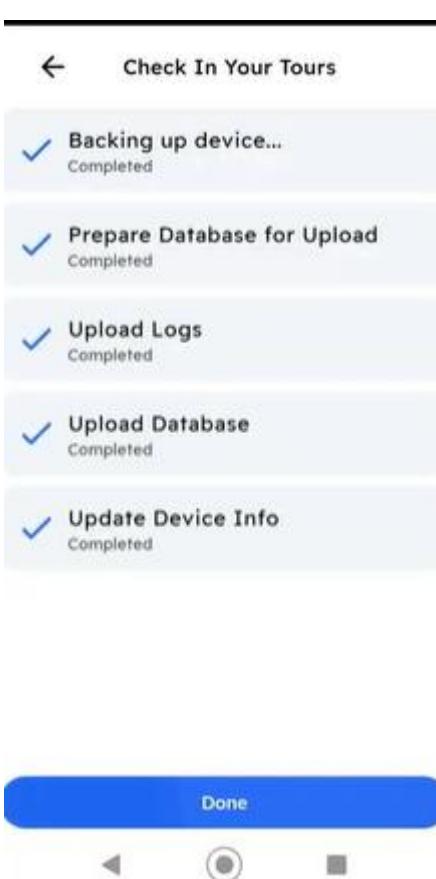
1. At the end of the day, navigate to the dashboard to check in your inspection record by tapping **Check In**.



2. **Check In.**



3. If Technician Sign-off is enabled, tap the type of work performed



4. Once the Check In process is complete tap **Done**.

## Chateau Mobile Manual Change Log

Rev4.0	10/08/2025	Initial release.
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