

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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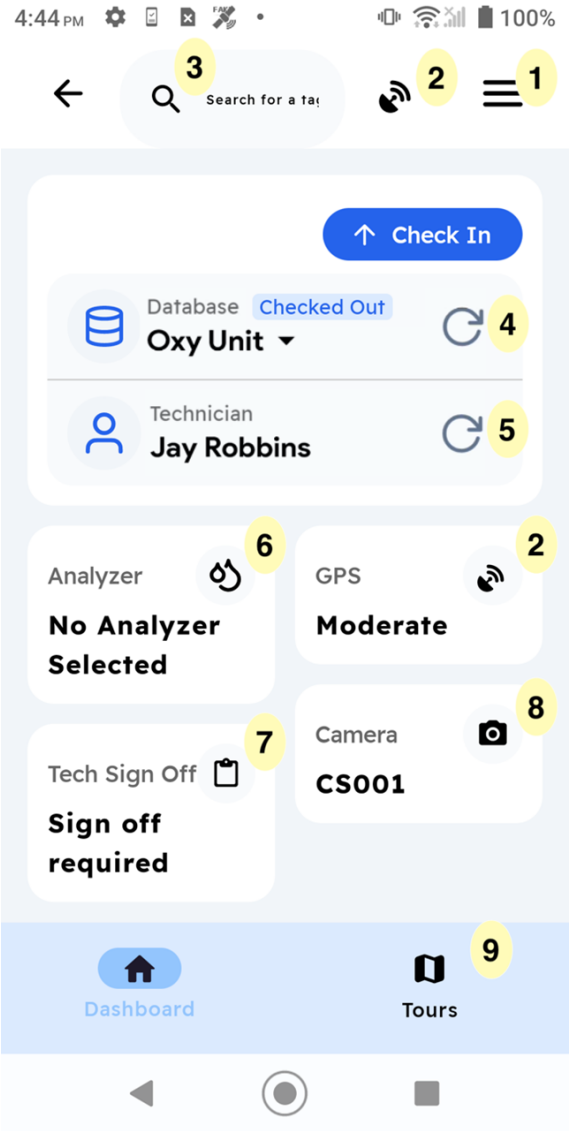
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Installing Chateau Mobile

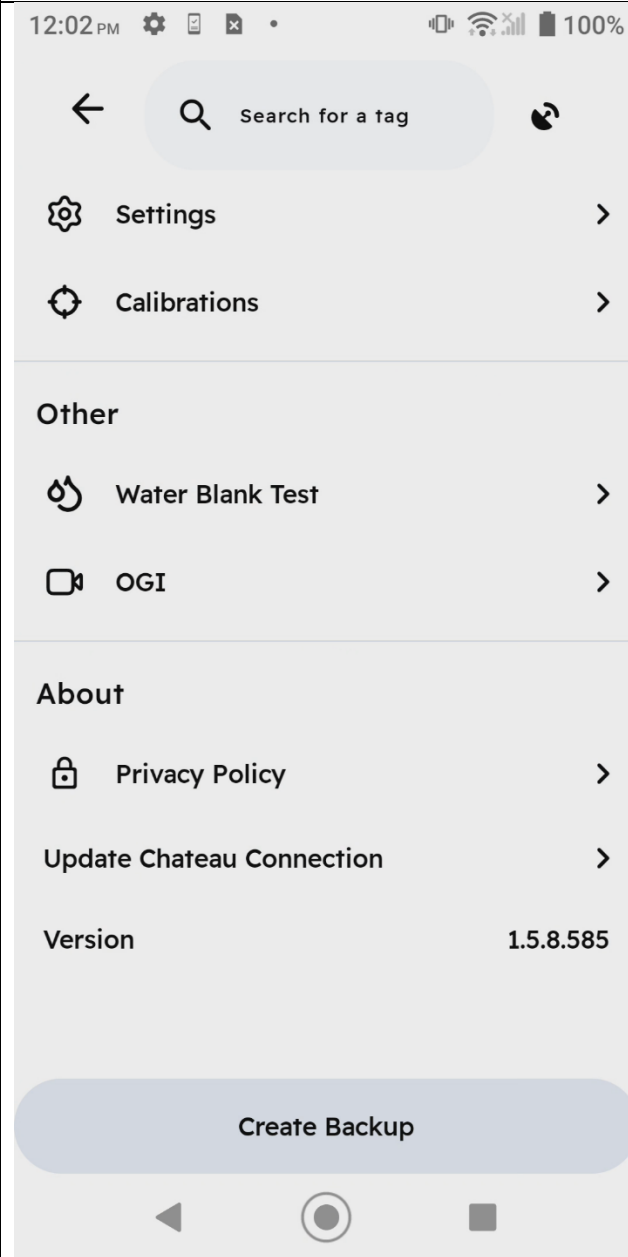
For instruction on how to install Chateau Mobile using Google Play, Apple Store, or an APK File, visit the Knowledge Base (<https://help.ldartools.com/>) and search “Installing Chateau Mobile”.

Getting Started

The Dashboard

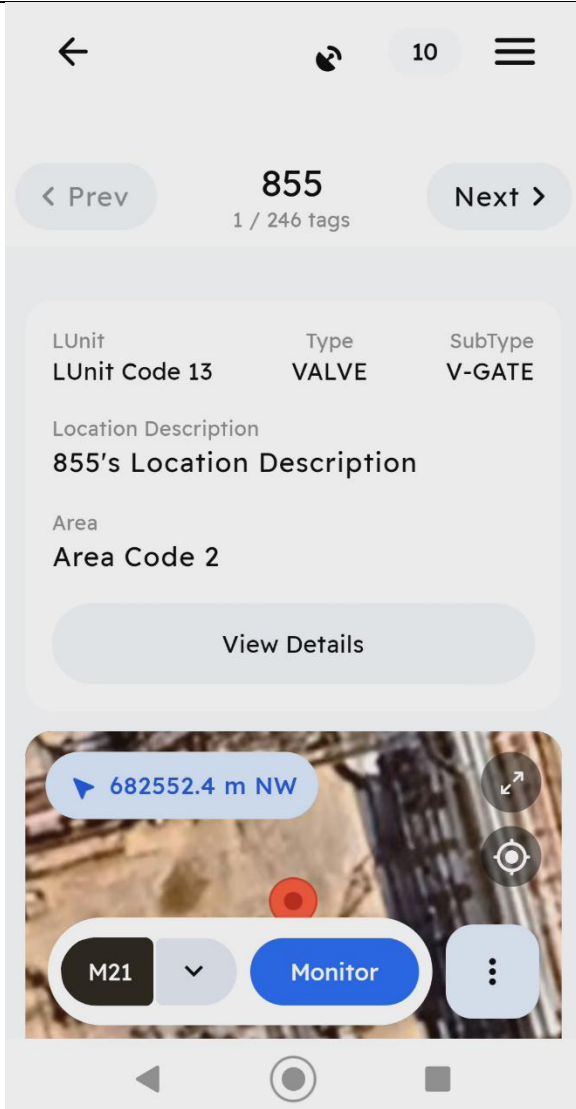
 <p>The screenshot shows the Chateau Mobile dashboard interface. At the top, there's a status bar with the time 4:44 PM and various system icons. Below that is a navigation bar with a back arrow, a search bar (labeled 3), a satellite signal icon (labeled 2), and a hamburger menu icon (labeled 1). The main content area features a 'Check In' button at the top right. Below it are two rows of cards: the first row has a 'Database' card showing 'Oxy Unit' (labeled 4) with a refresh arrow, and a 'Technician' card showing 'Jay Robbins' (labeled 5) with a refresh arrow. The second row has an 'Analyzer' card showing 'No Analyzer Selected' (labeled 6) with a refresh arrow, and a 'GPS' card showing 'Moderate' (labeled 2) with a signal strength icon. Below these are two more cards: a 'Tech Sign Off' card showing 'Sign off required' (labeled 7) with a clipboard icon, and a 'Camera' card showing 'CS001' (labeled 8) with a camera icon. At the bottom, there's a blue bar with a 'Dashboard' button (labeled 9) and a 'Tours' button.</p>	<ol style="list-style-type: none">1. Main Menu (AKA, The Hamburger).2. Satelite Signal – Shows the hadnheld is receiving a GPS satelite signal. Visable on all screens, card also inicates signal strengh.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. Technician 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 1st OGI inspection in this session.9. Tours – Access Tours.
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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

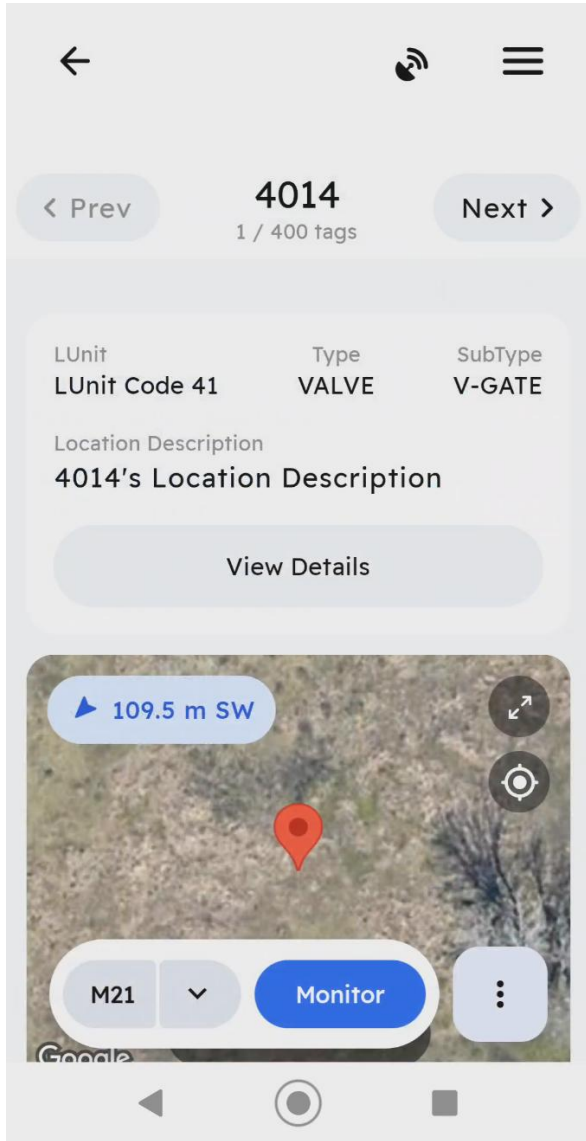


The action menu can be accessed by tapping the three-dot icon in the bottom-right.

	<p>From there, the user can select from many features:</p>
Add via photo	Allows you to promptly add a component utilizing your device's camera.
OGI Survey	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.
Record Deviation	An OGI-specific feature allowing you to document when the ability to take a proper OGI image is inhibited.
Cooling Tower Inspection	Allows techs to promptly perform Cooling Tower monitoring on a component
Field Events	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.
Open Ended Line	Allows for the reporting and tracking of Open-Ended Lines
Open Ended Line Not Tagged	Allows for the documenting of an open ended line not tagged
AVO Not Tagged	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.
Bad Route	Allows the tech to report badly-routed components for follow-up and resolution
Suspect NonVOC	Allows you to report a tagged component suspected of not being in VOC service.

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

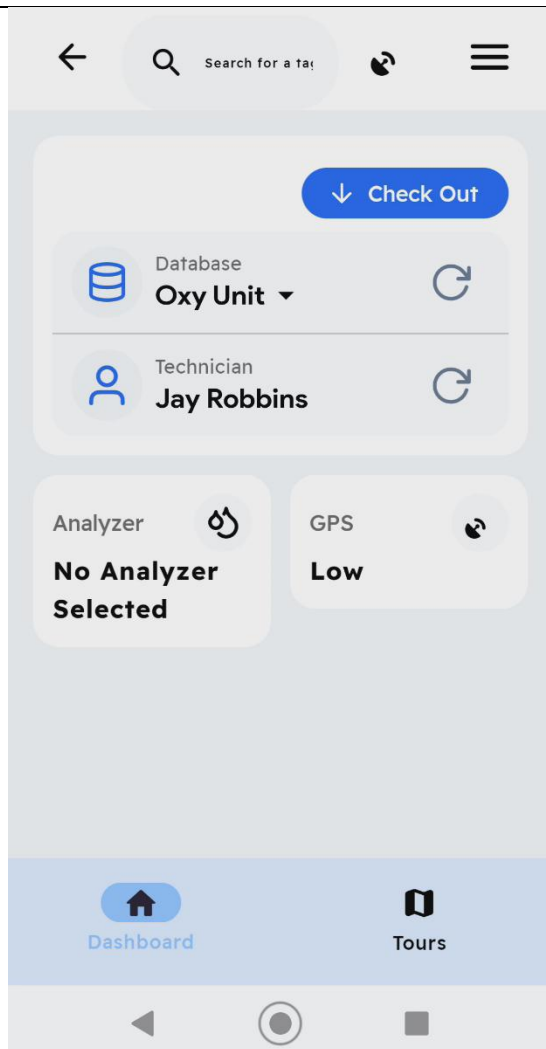


The Quick View Screen displays details about a component such as Tag ID, LUnit, Component Type, Subtype and Location Description. Additional details may be found by Tapping **View Details**.

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

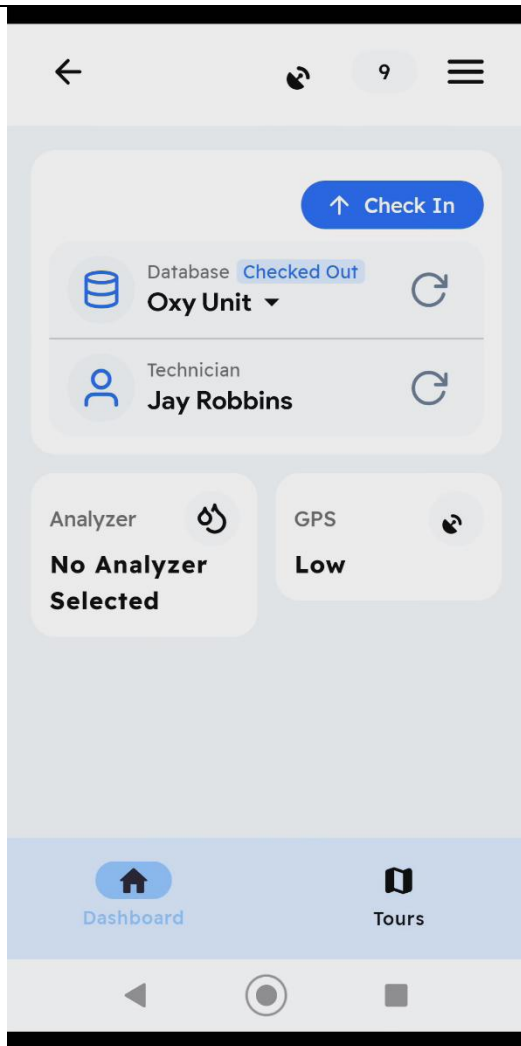


To Check out a Tour and begin using Chateau Mobile:

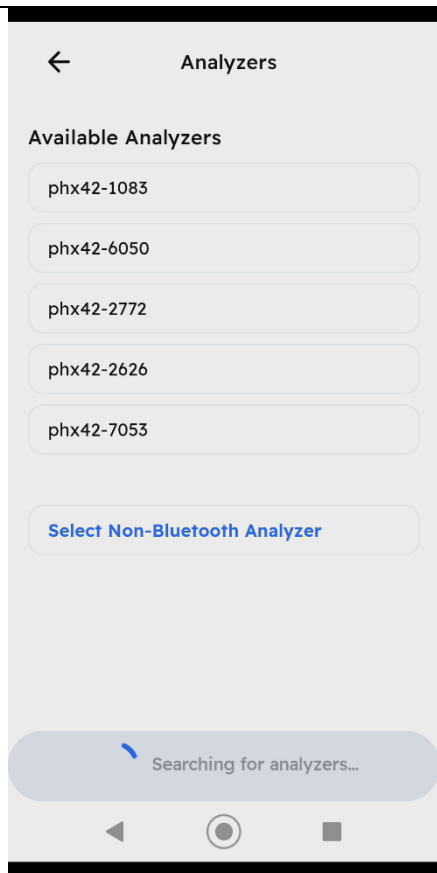
1. Select the database to be used by tapping the drop down for “Database”.
2. Select the Technician to perform inspections by tapping the drop down for “Technician”.
3. Tap Check out.
4. Processing screen will appear. Tap Done once all steps are completed.

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

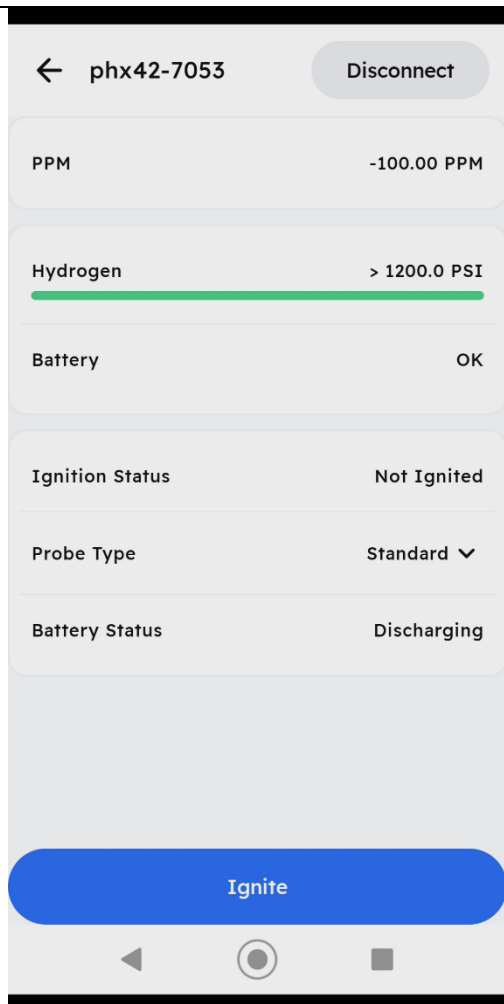
Selecting an Analyzer



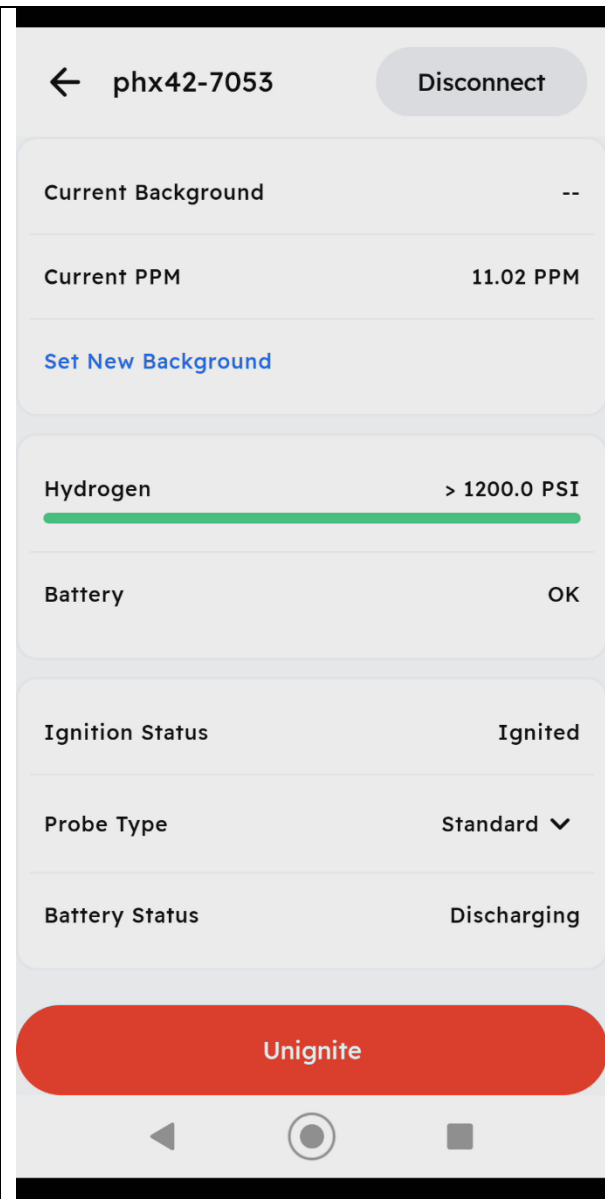
1. If your tours include M21 inspections, select an analyzer by tapping the **Analyzer** card.



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

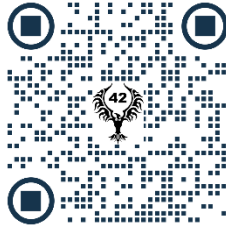


3. Tap **Ignite**



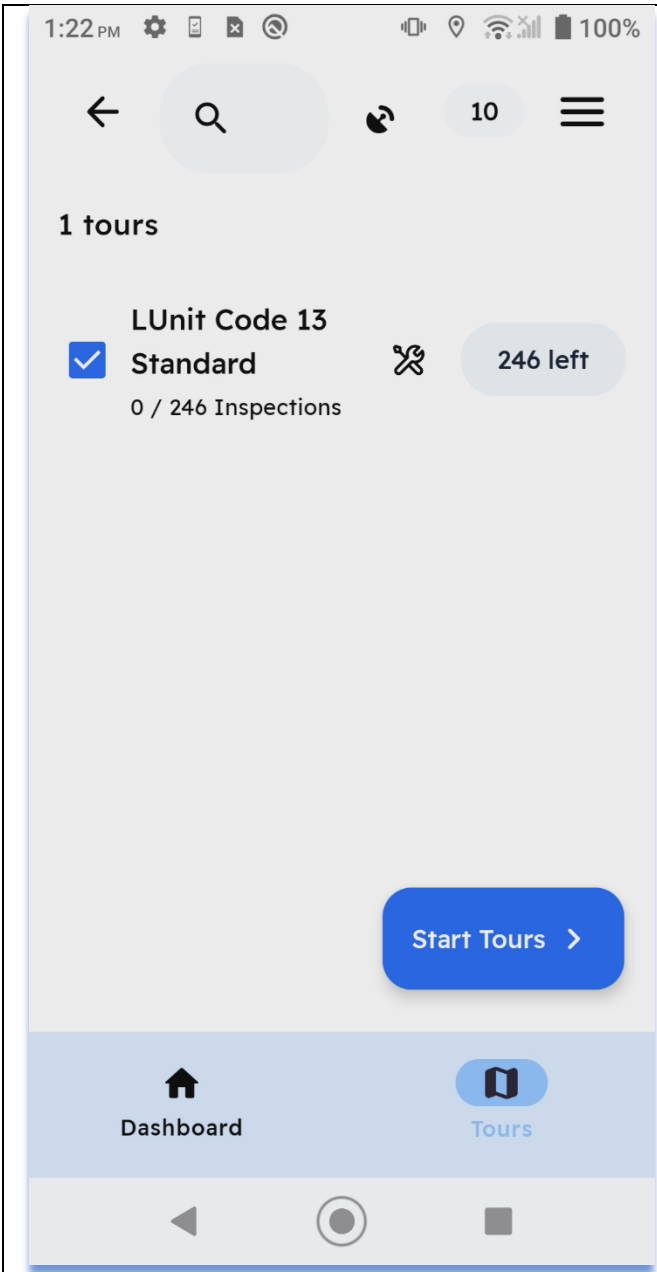
4. Tap Set New Background
5. Tap the back arrow to get to the dashboard

Navigating Tours

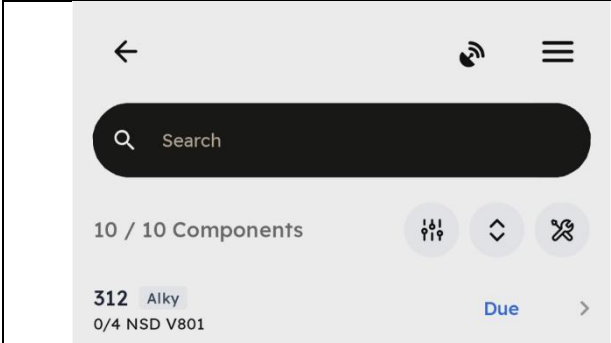


Click or scan the QR code for a video tutorial on Tour controls

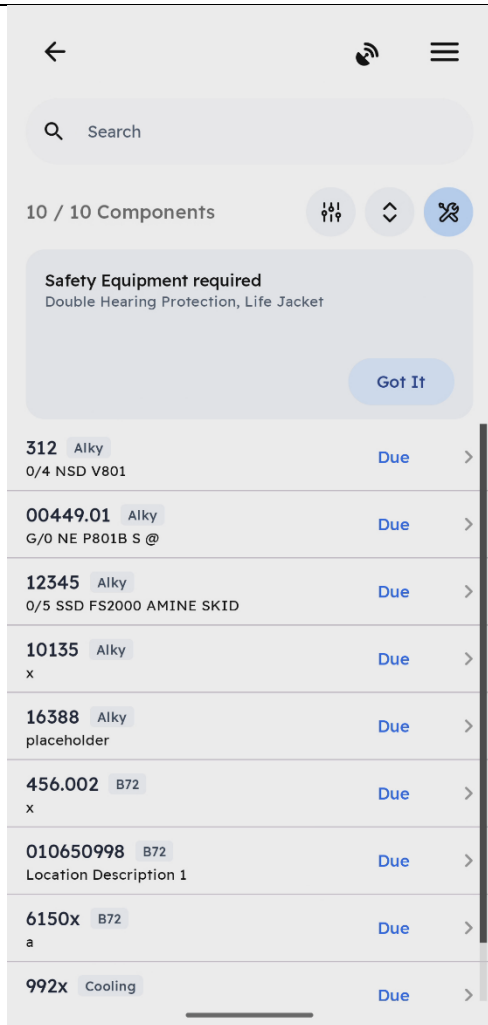
A screenshot of a mobile application interface. At the top, there is a search bar with the text "Search for a ta..." and a menu icon. Below the search bar, there is a "Check Out" button. The main content area is divided into two sections: "Database" with "Oxy Unit" and "Technician" with "Jay Robbins". Below these, there are two status boxes: "Analyzer" with "No Analyzer Selected" and "GPS" with "Low". At the bottom, there is a navigation bar with two icons: a house icon labeled "Dashboard" and a book icon labeled "Tours".	<p>Tap the Tours icon at the bottom right to view and select your tour(s).</p>
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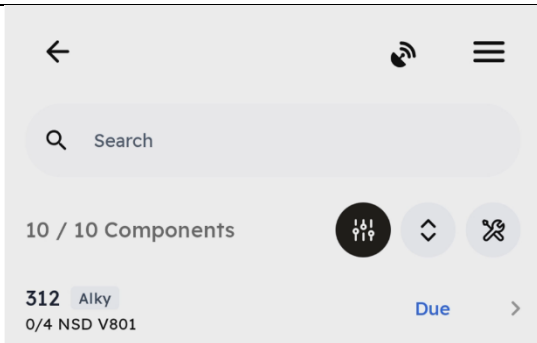
1. Select the tour(s) you will be inspecting today.
2. Tap “Start Tours”



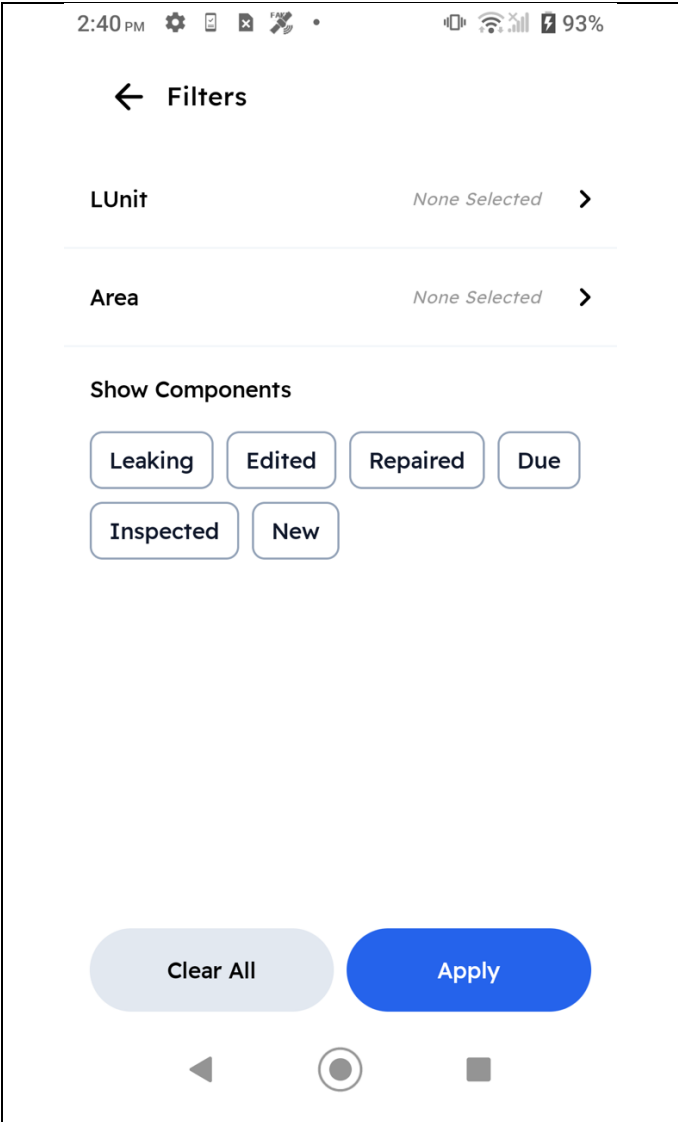
1. To search for a specific component, or a set of components, type the desired criteria in the **Search** bar.
2. Components matching the entered criteria will be listed below. Tap the desired component to display details.



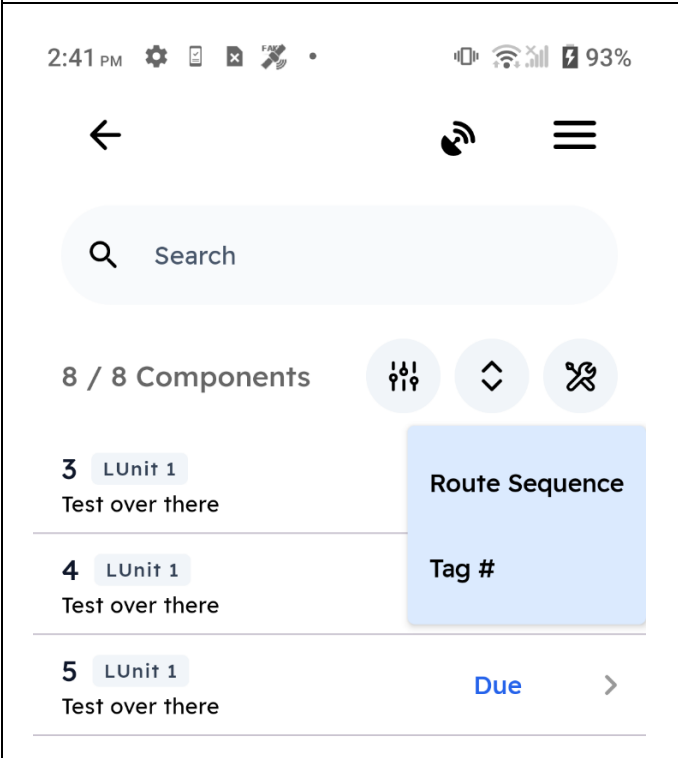
1. Acknowledge the Safety Equipment notice by tapping the **Got It** button (if enabled).



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

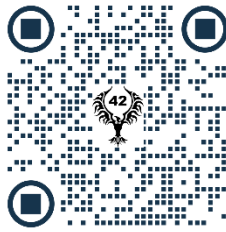


1. From the filter screen, components can be filtered by LUnit and/or Area.
2. Filters can be further refined by tapping the leaking, Edited, Repaired, Due, Inspected, or New icons.
3. Once the desired filter has been set, tap **Apply** at the bottom-right.
4. To clear an existing filter, tap **Clear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



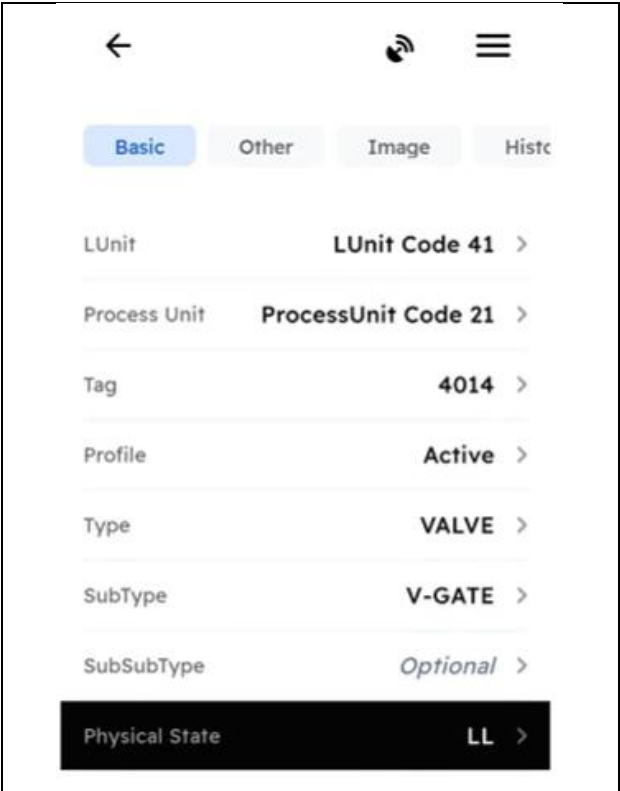
5. To sort components, tap the **Sort** icon. Components can be sorted by Route Sequence or Tag #.

Editing Component Information

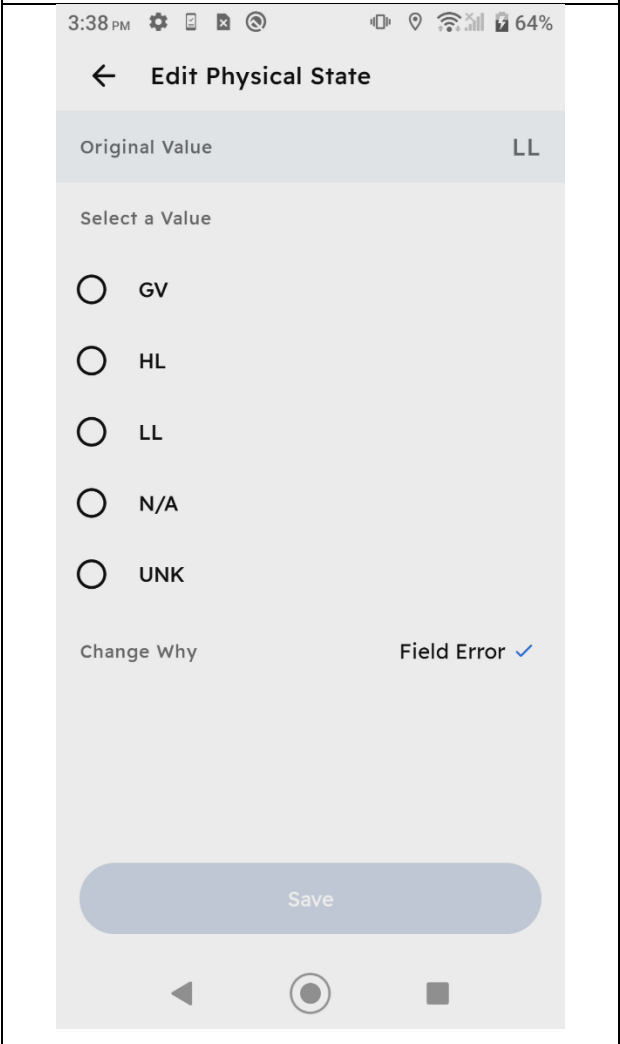


Click or scan the QR code for a video tutorial on editing component details

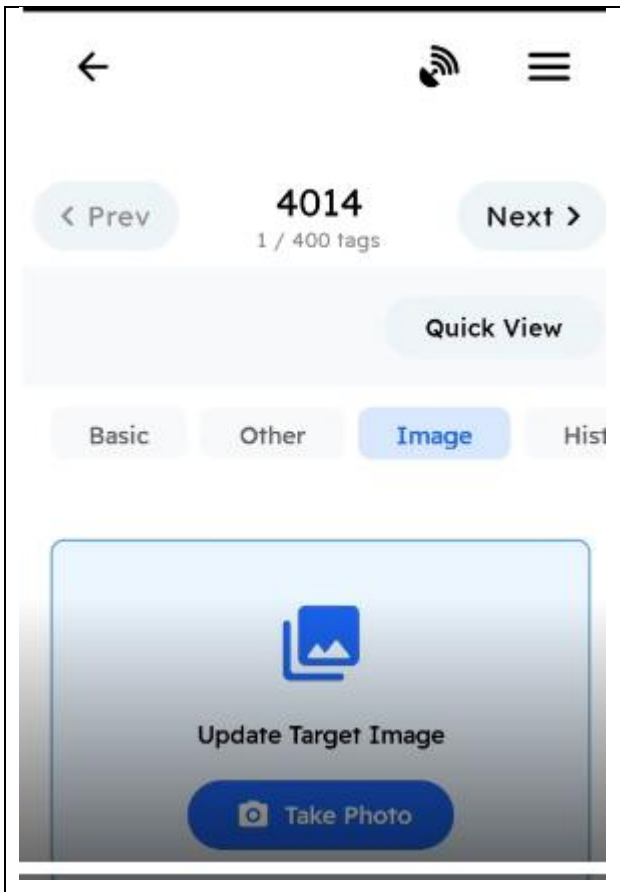
A screenshot of a mobile application interface showing a list of components. At the top, there is a back arrow, a signal strength icon, and a menu icon. Below is a search bar with a magnifying glass icon and the word "Search". Underneath, it says "400 / 400 Components" followed by two icons: one with three vertical bars and another with a double arrow. The list contains two items: "4014 LUnit Code 41" with a "Due" status and a right arrow, and "4487 LUnit Code 41" with a "Due" status and a right arrow. Each item has a "Location Description" below it.	<ol style="list-style-type: none">1. To Edit component information, tap the component to be edited in the tour.
A screenshot of the "View Details" screen for component 4014. It shows a table with three columns: "LUnit", "Type", and "SubType". The values are "LUnit Code 41", "VALVE", and "V-GATE" respectively. Below the table is a "Location Description" section with the text "4014's Location Description". A large black button labeled "View Details" is positioned below the description. At the bottom, there is a map view showing a red location pin and a blue label "109.4 m SW". Map controls like a compass and a location icon are visible on the right side of the map.	<ol style="list-style-type: none">2. Tap the View Details button.



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

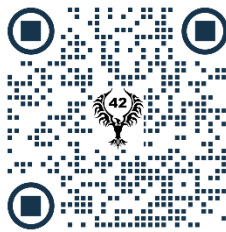


4. Select the desired value.
5. Tap the **Change Why** button, and select the reason for the change.
6. Tap the **Save** button.

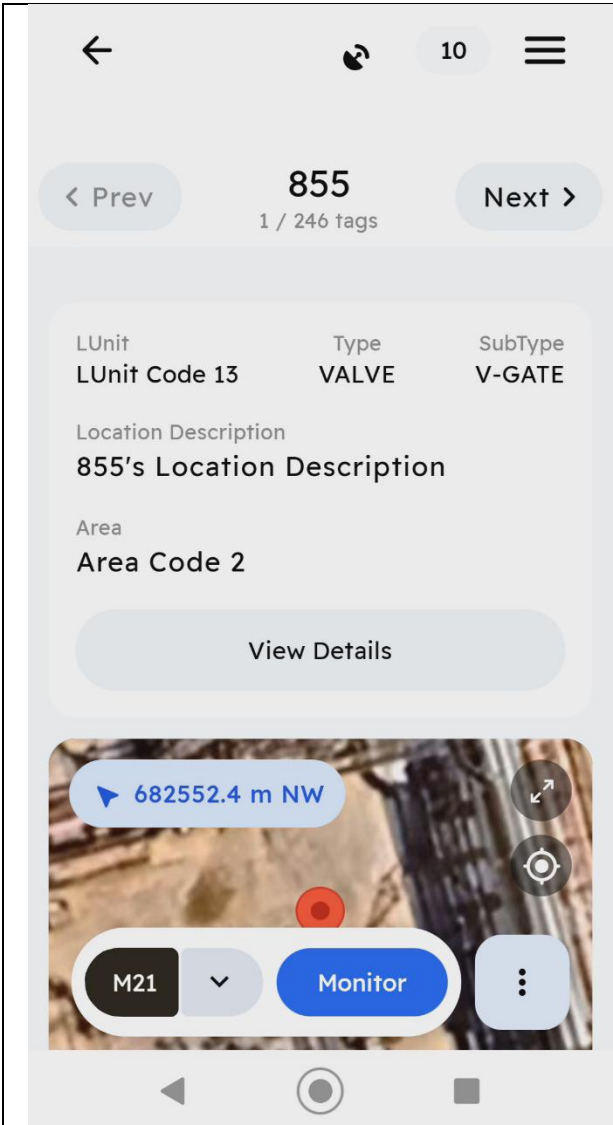


7. To update the **Target Image**, tap the Image button.
8. Tap the **Take Photo** button.
9. Using the device's camera, take a new photo.
10. Use the annotation tools to add any enhancements to the photo.
11. Tap **Save**.
12. Tap **Quick View** button to return to the tour.

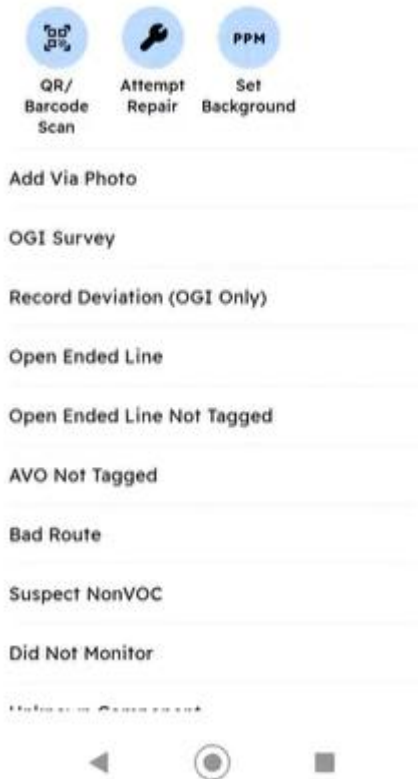
Method 21 Inspections



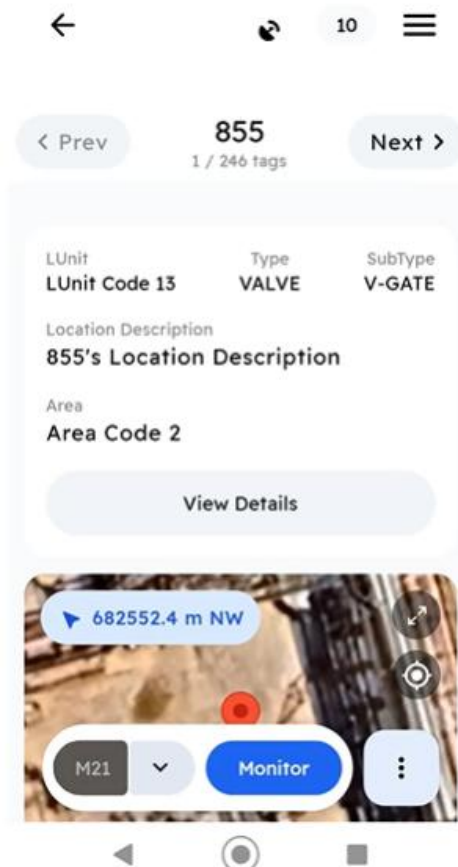
Click or scan the QR code for a video tutorial on what an M21 Technician needs to know



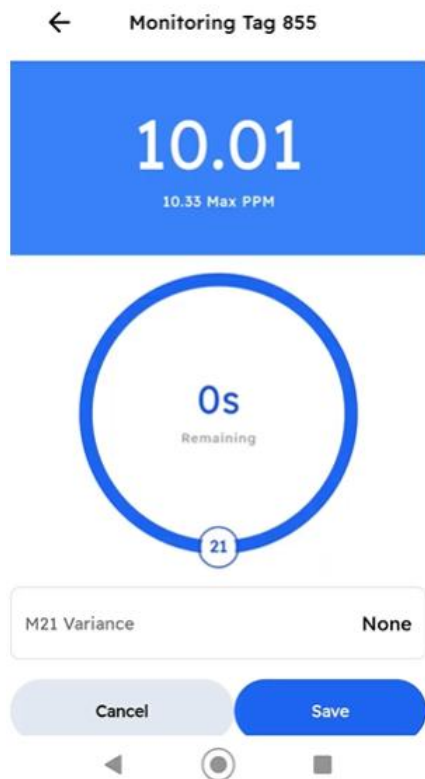
1. Prior to performing Method 21 Inspections, set the background reading for the analyzer
2. From the **Component Quick View Screen**, Tap the **Action Menu** on the bottom right (three dots)



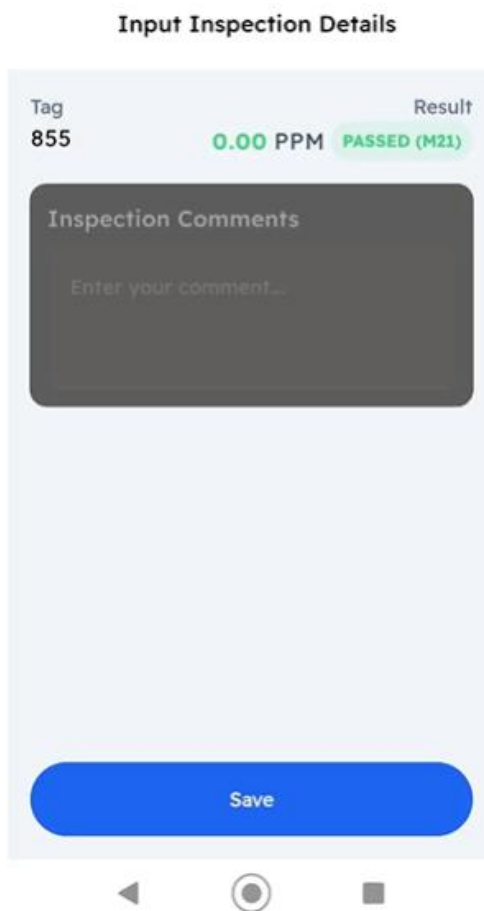
3. Tap Set Background
4. Follow onscreen instructions to set background



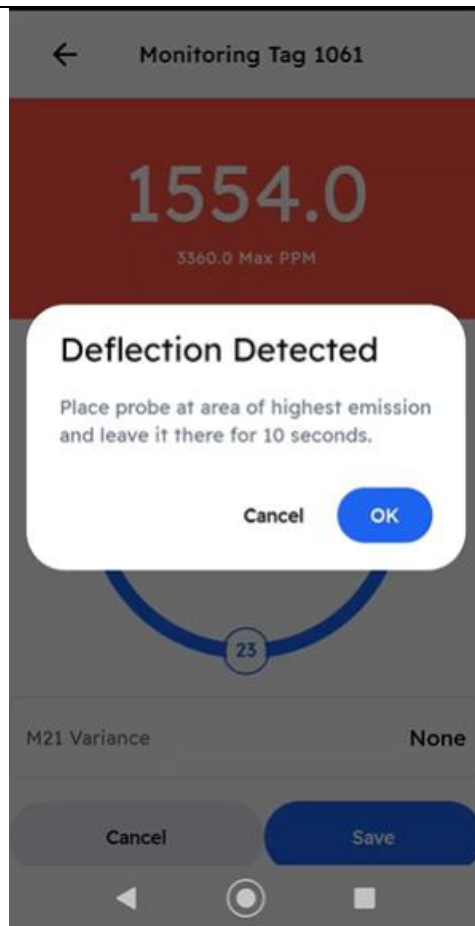
1. From the Tour list, tap the component to be inspected.
2. Make sure that M21 is selected as the inspection type
3. Tap the Monitor button



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.



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

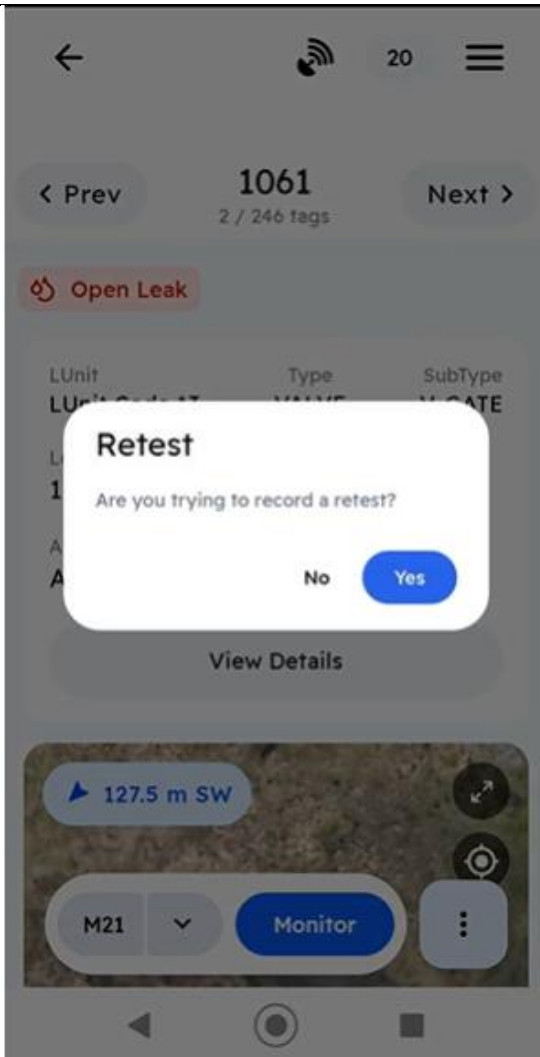


1. For a **leaking** component, place the probe at the highest emission and leave for a minimum of 10 seconds. Click Ok to start the inspection at the highest emission.

 The screenshot shows a form titled 'Input Leak Details'. At the top, it has 'Tag 1061' and 'Result 3349 PPM FAILED (M21)'. Below this is a 'Details' section with 'Emission Point *' and a 'Select...' button. The next section is 'Leak Images' with a dashed box and a '+ Add Leak Image(s)' button. Below that is a 'Repair Attempt' section with a '+ Input Repair Attempt' button. The final section is 'Inspection Comments' with a text input field and a 'Save' button at the bottom.

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

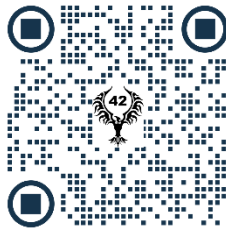
1. Tap **Select** to enter the part leaking.
 2. Tap **Add Leak Image(s)** to take a photo of the leak point.
 3. If a repair attempt is made at this time, tap **Input Repair Attempt** and select the type of attempt.
 4. Tap **Inspection Comments** to add any comments about the leak.
- NOTE: Once all required fields have been completed, the save button will become active.
5. Tap the **Save** button.



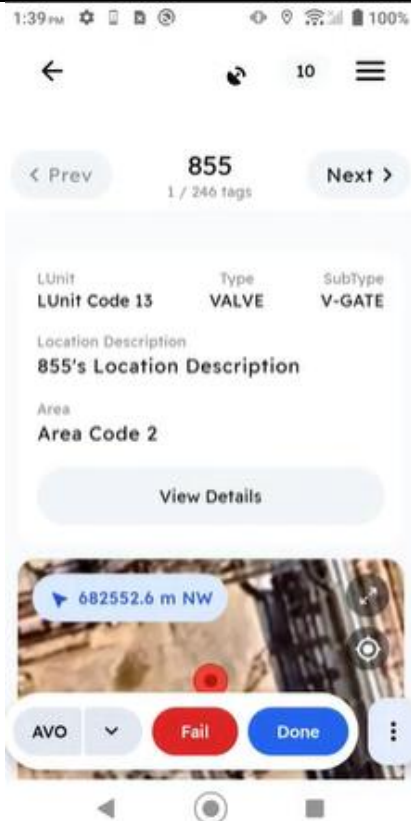
After a repair attempt, to perform a retest:

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”

Select Inspection Why

Filter

- ☐ Annual
- ☐ AVO ReTest
- ☐ AVO-MOC
- ☐ Barrier Failure
- ☐ Bi Monthly
- ☐ Field Find
- ☐ FixTag
- ☐ Initial
- ☐ Investigation

Cancel

4. Select the Inspection Why.

Note: This will only appear during an unscheduled inspection.

Input Inspection Details

Tag: 855 Result: PASSED (AVO)

Inspection Comments

Enter your comment...

Save

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

Select an AVO type

What type of AVO is this?

☐ ExternalAVO

☐ Audio

☐ NH4OH

☐ OGI

☐ Olfactory

☐ Visual

Cancel

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

1061

M21
Quarterly

Set Background

Monitor

AVO

Fail Done

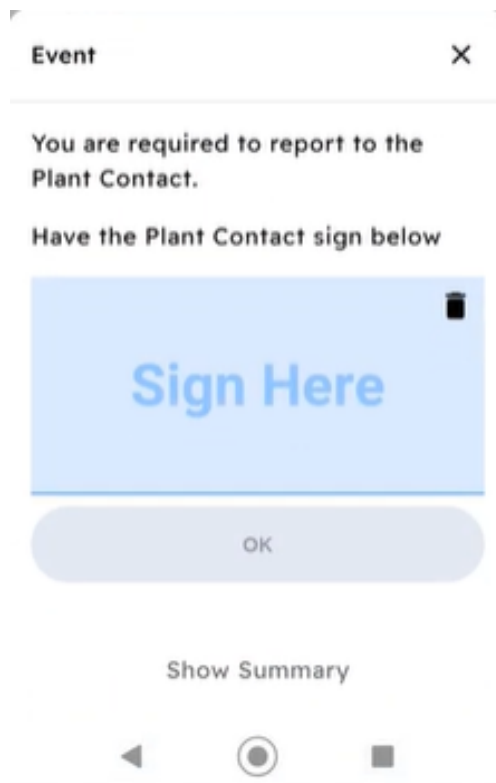
Event X

Record a picture of the component

Take photo

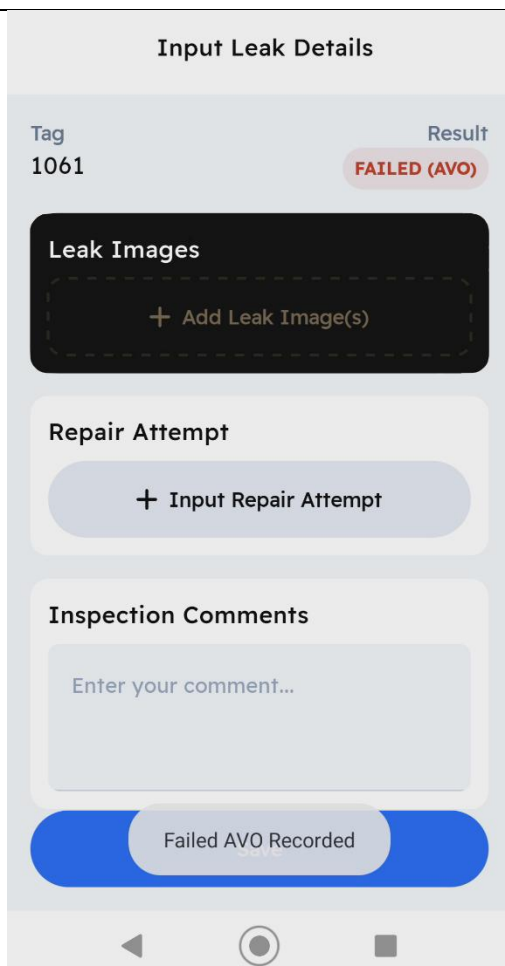
Skip photo

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

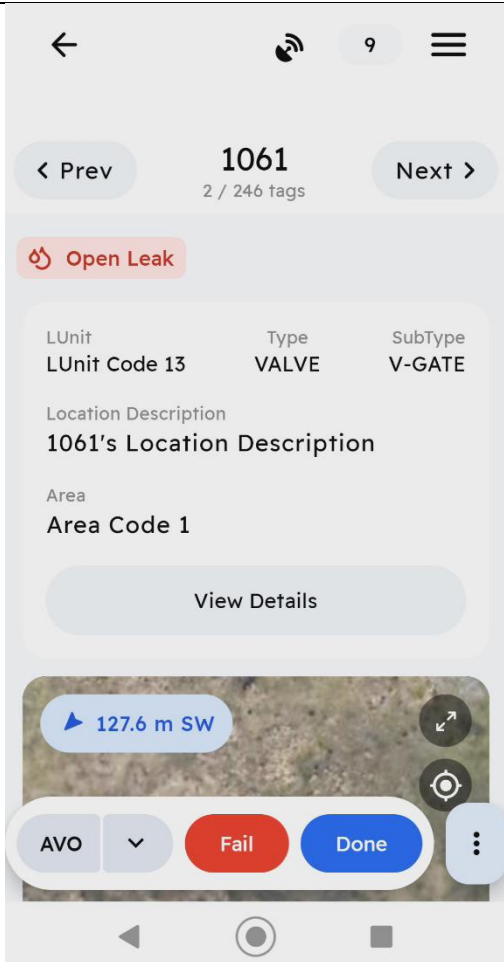


8. A signature may be required. Once the Plant Contact has signed on your device, click **OK**.

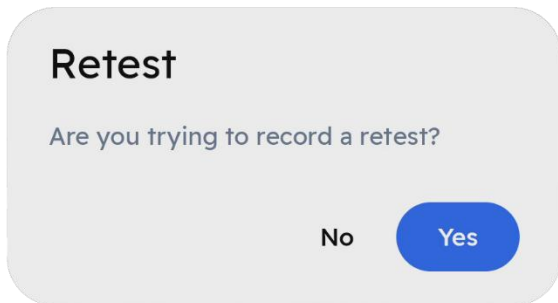
Note: This prompt is database-specific, if the user has the feature and the option within the feature for the signature enabled.



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	Result
1061	PASSED (AVO)

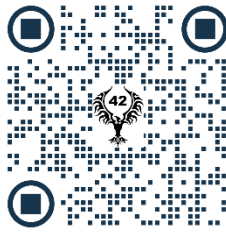
Inspection Comments

Enter your comment...

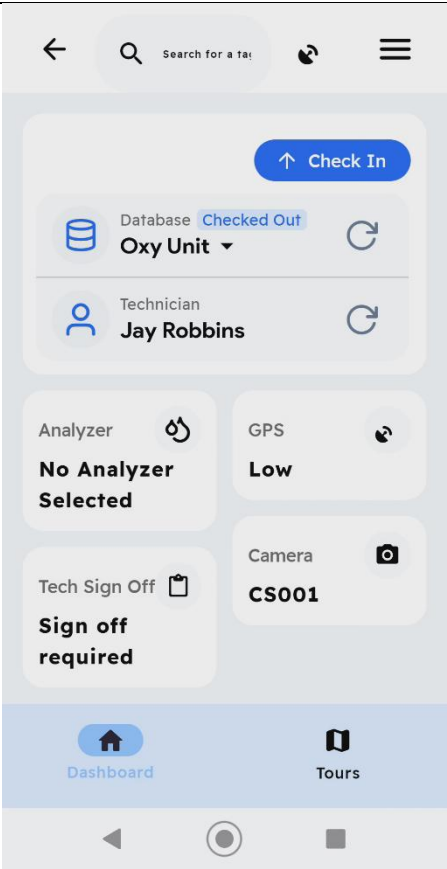
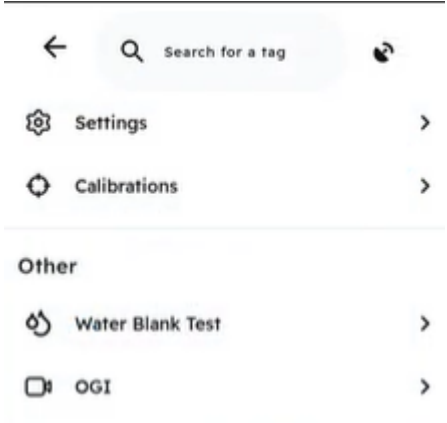
Passed AVO Recorded



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

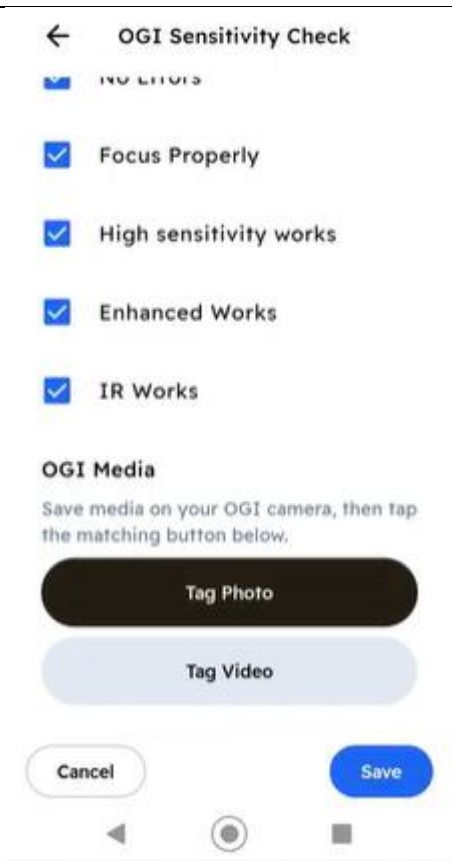
OGI Survey (OOOOb) Inspections



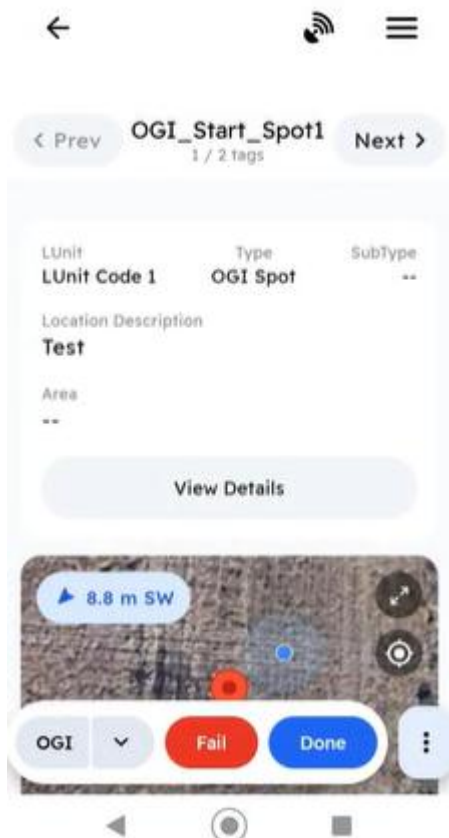
Click or scan the QR code for a video tutorial on what an OGI Survey Technician needs to know

 A screenshot of the OGI Survey app dashboard. At the top, there is a search bar with a magnifying glass icon and a hamburger menu icon. Below the search bar is a blue button labeled "Check In" with an upward arrow. The dashboard displays several status cards: "Database Checked Out" with a refresh icon, "Oxy Unit" with a dropdown arrow, "Technician Jay Robbins" with a refresh icon, "Analyzer No Analyzer Selected" with a refresh icon, "GPS Low" with a refresh icon, "Tech Sign Off Sign off required" with a clipboard icon, and "Camera CS001" with a camera icon. At the bottom, there are two buttons: "Dashboard" with a house icon and "Tours" with a book icon.	<ol style="list-style-type: none">1. Check out a tour, tap the hamburger button in the upper right corner to perform an OGI Sensitivity Check.
 A screenshot of the OGI Survey app settings menu. At the top, there is a search bar with a magnifying glass icon and a hamburger menu icon. Below the search bar are three settings options: "Settings" with a gear icon, "Calibrations" with a circular arrow icon, and "Other" with a folder icon. Under the "Other" section, there are two more options: "Water Blank Test" with a water drop icon and "OGI" with a camera icon. Each option has a right-pointing arrow.	<ol style="list-style-type: none">2. Tap the OGI Option

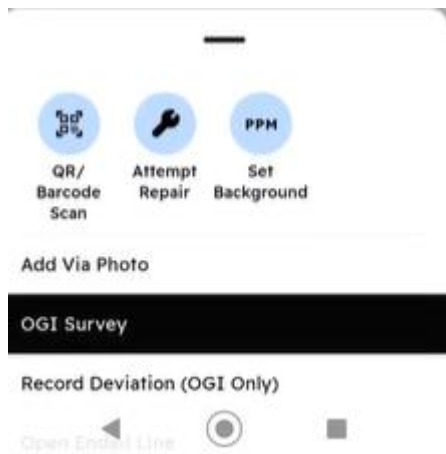
	<p>3. Tap OGI Sensitivity Check</p>
	<p>4. Populate all fields with the appropriate information.</p>



5. Select Tag Photo or Tag Video to indicate which option to be used for the sensitivity check.
6. Tap **Save**.
7. Tap back arrow twice to return to your tour.
8. Select the tour to be used during the day.



9. Select the first record to be inspected with the OGI camera.
10. Tap the Action Menu in the lower right hand corner (three vertical dots).



11. Tap OGI Survey

← OGI Sensitivity Check

Camera Serial

CS001

Temperature (°F)

80

Pressure (psia)

Flow Rate

0.0

Wind Speed

Wind Direction

Enter Wind Direction

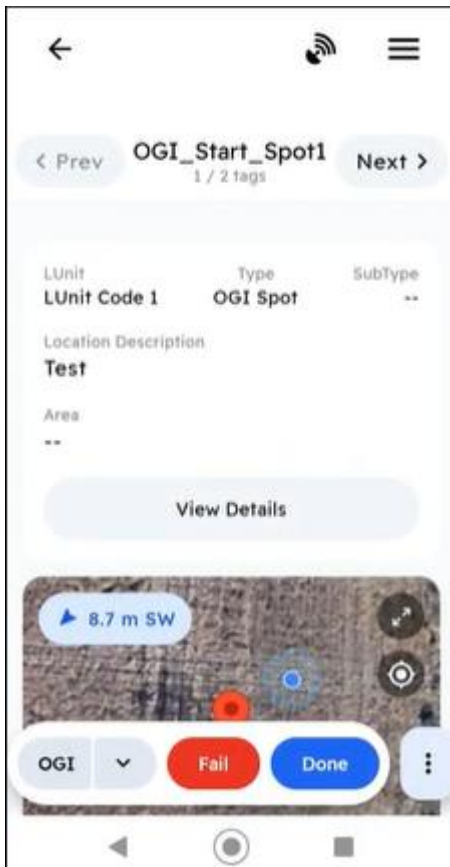
Cloud Cover

Cancel

Save

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**.

←

📶

☰

< Prev

OGI_End_Spot2

Next >

2 / 2 tags

LUnit	Type	SubType
LUnit Code 1	OGI Spot	--

Location Description

Test

Area

--

View Details

OGI

Passed OGI Recorded

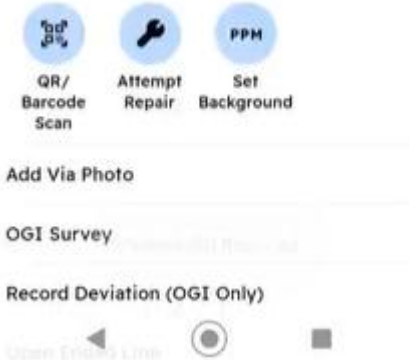

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⋮

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.

	<p>20. To create a component in order to record a leak on it, tap the Action Menu in the lower right hand corner</p> <p>21. Tap Add Via Photo</p> <p>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.</p>
	<p>23. Enter the Primary Properties</p> <p>24. For Active why, select OGI Leak</p>

← Add Via Photo

Size
8 X

Physical State
GV X

DTM
No ☐

Area
Area 1 X

REN
ReferenceEquipmentNumber X

SubREN
SubRen Code 1 X

Continue



25. Tap Continue when finished

← 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



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

New Connector Details

Tag
09/27/25-2:38-TT-1

Component Details

Type
Connector X

subtype
--

Location Description *
--

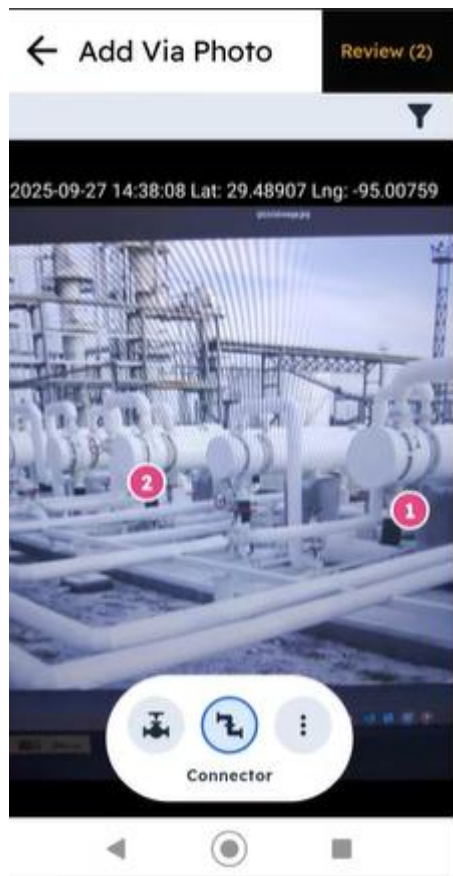
Route Sequence
--

Stream *
--

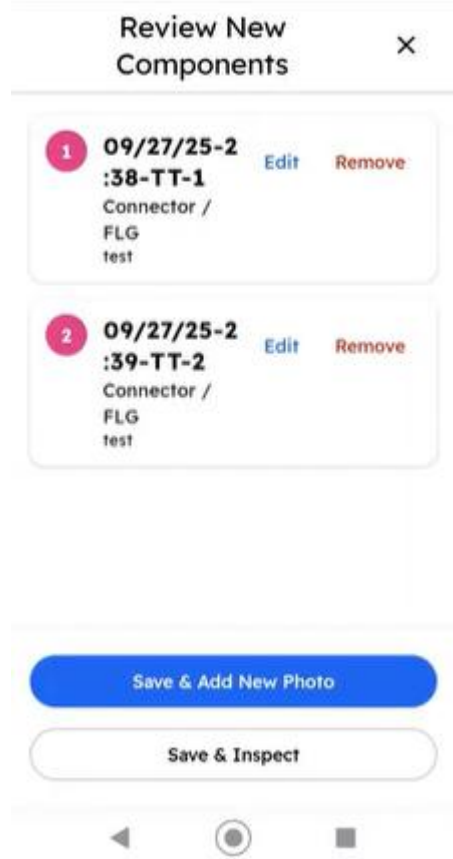
Cancel Done

30. Fill in all applicable details of the component

31. Tap Done



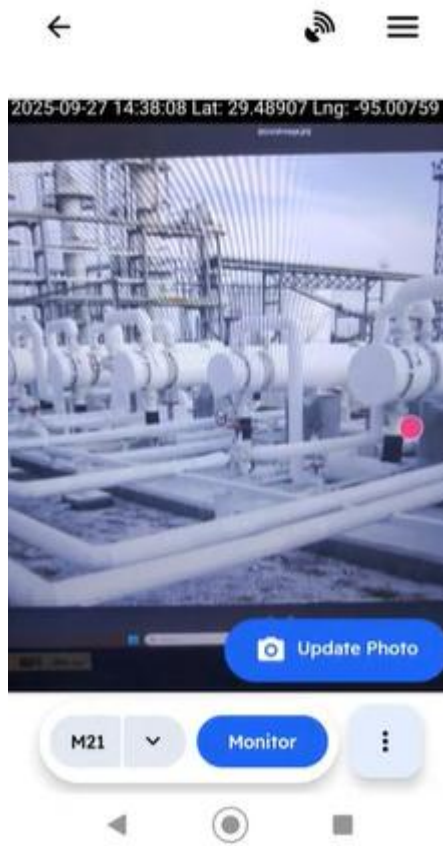
32. Repeat process for any other leaks



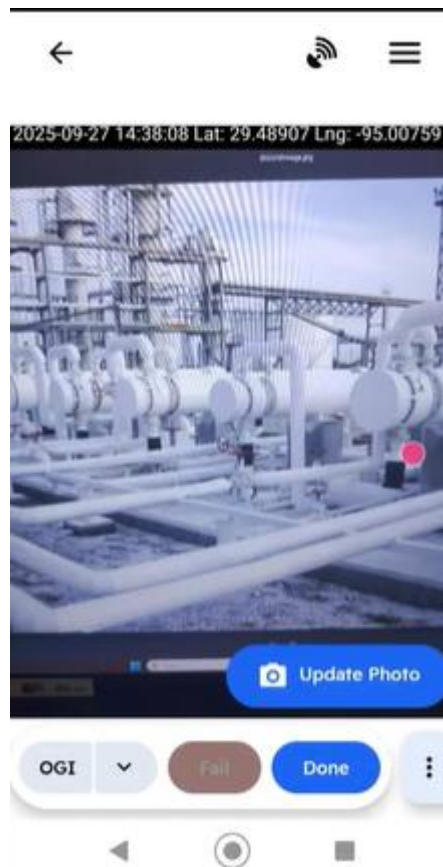
Review the added components:

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**

Select Inspection Why

☐ Annual

☐ Bi Monthly

☐ Monthly

☒ OGI Leak

☐ OGI ReTest

☐ Quarterly

☐ Weekly

Cancel

38. Tap OGI Leak

Input Leak Details

Tag: 09/27/25-2:38-TT-1 Result: FAILED (OGI)

Details

Emission Point * [Select...](#)

Leak Images

+ Add Leak Image(s)

OGI Media

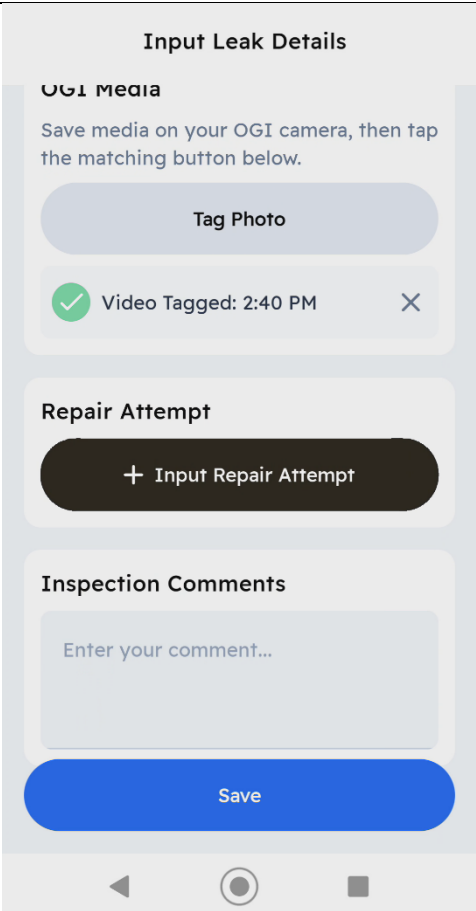


Save media on your OGI camera, then tap the matching button below.

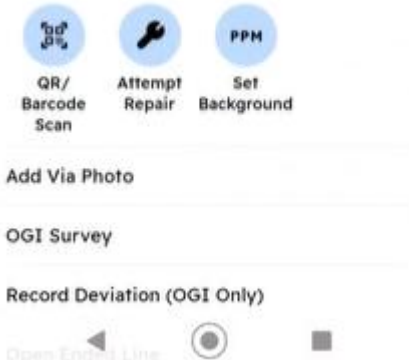
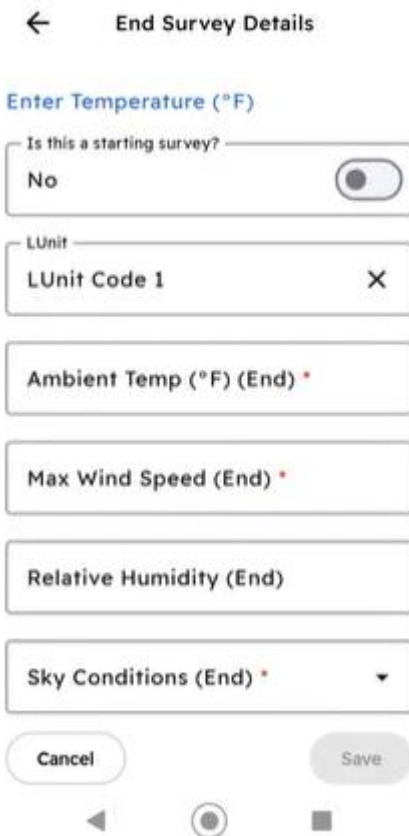
Tag Photo

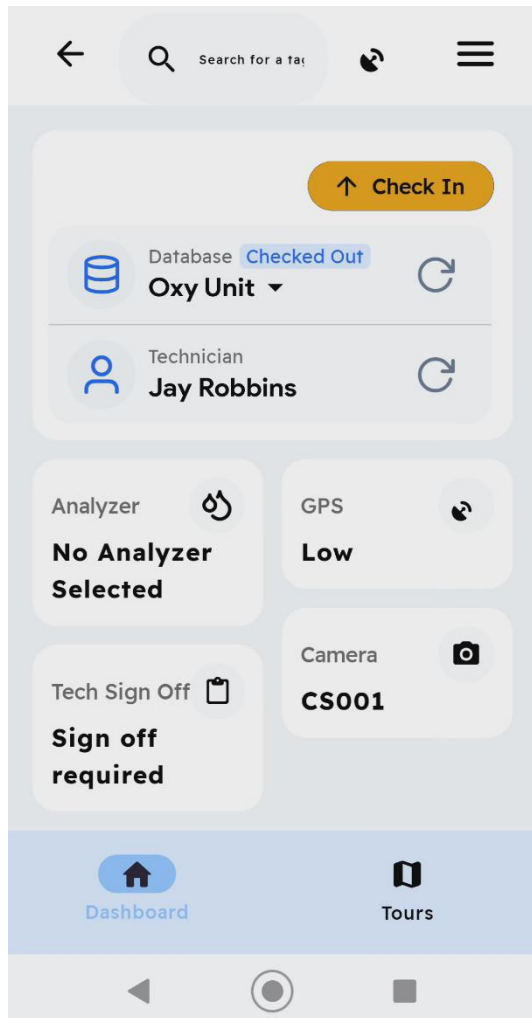
Tag Video

Save

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 leaks 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

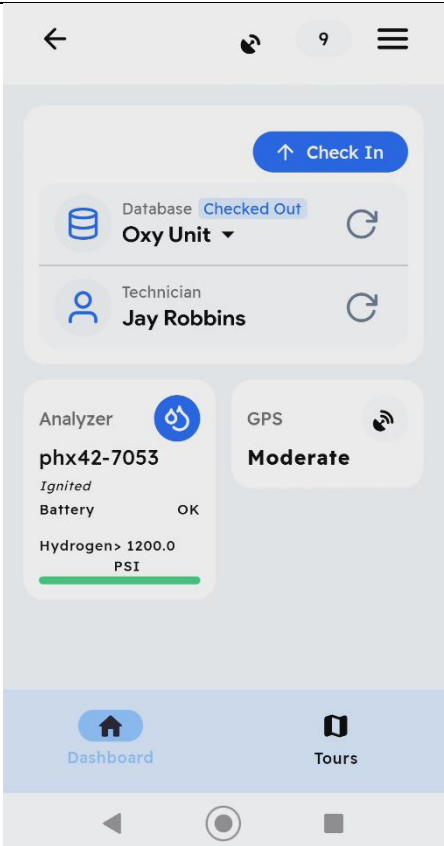
	<p>43. If a repair attempt is performed, tap + Input Repair Attempt and input necessary information on the screen that appears</p> <p>44. Repeat process described above for entering any retest information (if performed)</p>
	<p>45. If unable to take a proper image of an OGI spot, go to the Detail Screen for the component, tap the Action Menu and and tap Record Deviation (OGI Only)</p>
	<p>46. Type the reason a proper image could not be taken</p>

 <p>The screenshot shows the OGI Survey menu. At the top, there are three circular icons: 'QR/Barcode Scan', 'Attempt Repair', and 'PPM'. Below these are three text-based options: 'Add Via Photo', 'OGI Survey', and 'Record Deviation (OGI Only)'. At the bottom, there is a navigation bar with three icons: a back arrow, a central circle, and a square.</p>	<p>47. Upon completion of an OGI Spot, tap the Action Menu, then Tap OGI survey to review Survey Details. and make any updates if necessary to survey condtions</p> <p>48. Tap Save when done. If no changes are needed, tap Cancel.</p>
 <p>The screenshot shows the 'End Survey Details' form. It has a back arrow at the top left. The form contains several input fields: 'Enter Temperature (°F)' (with a toggle for 'Is this a starting survey?' set to 'No'), 'LUnit' (with a dropdown showing 'LUnit Code 1'), 'Ambient Temp (°F) (End) *', 'Max Wind Speed (End) *', 'Relative Humidity (End)', and 'Sky Conditions (End) *' (with a dropdown arrow). At the bottom, there are 'Cancel' and 'Save' buttons, and a navigation bar with three icons: a back arrow, a central circle, and a square.</p>	<p>49. Make any updates if necessary to survey condtions</p> <p>50. Tap Save when done. If no changes are needed, tap Cancel.</p>



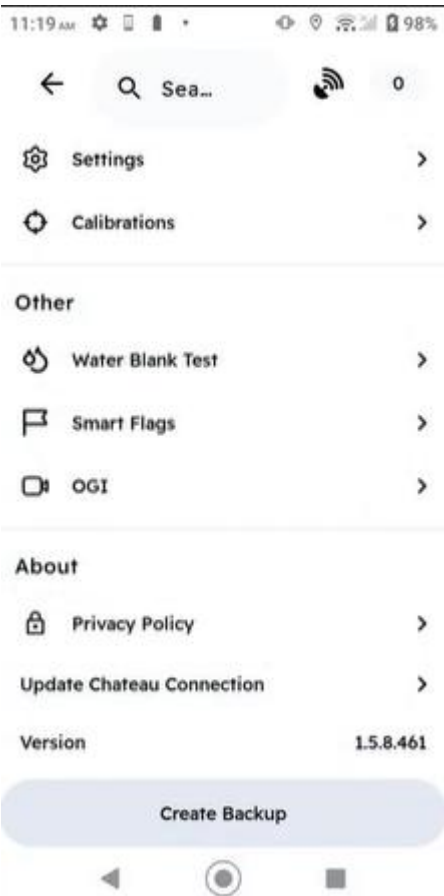
51. Once done for the day, **Check in** inspection results from the main dashboard

Calibration



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

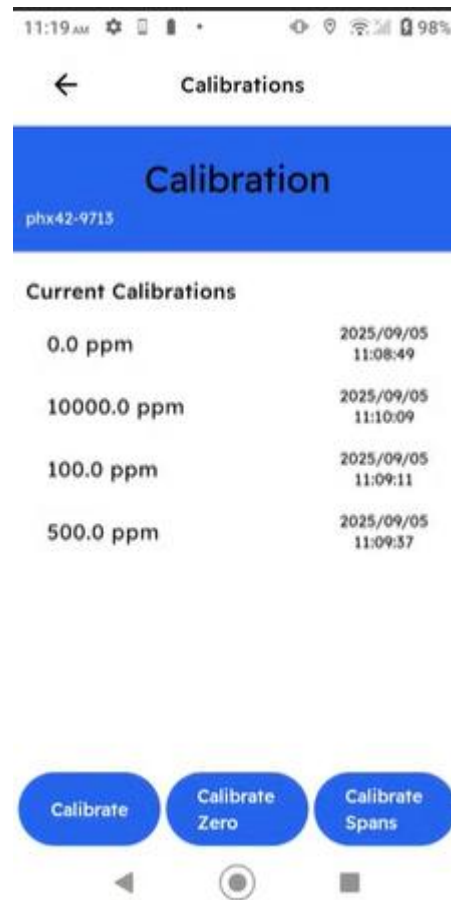
Before you begin manually calibrating, note:



2. Tap Calibrations



3. Tap Calibrate



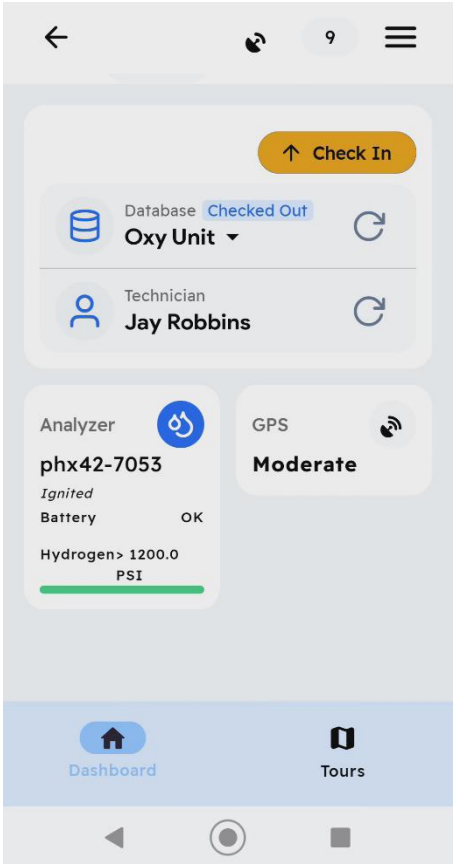
4. Tap Calibrate



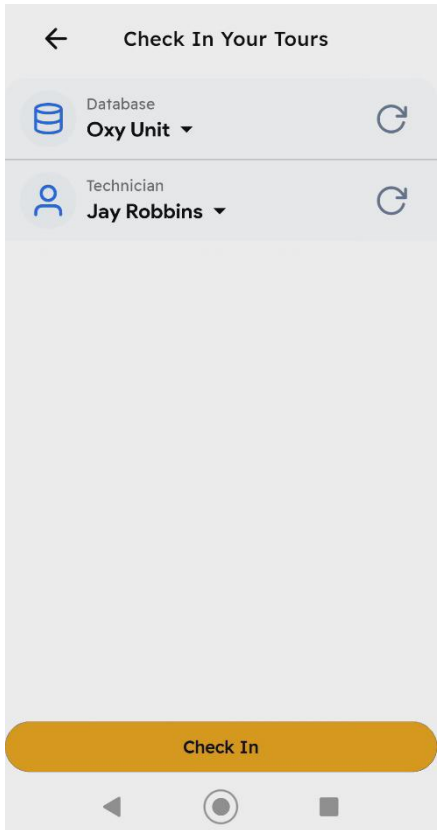
5. Type the actual PPM for the cylinder onto the PPM field.
6. Apply gas (begin with 0 PPM) and then tap Generate.
7. Let the calibration run.
8. The phx42 will sample the gas, then display the “Calibration Complete” message.
9. Repeat Steps 5-8 until all the Calibration Spans have been added, then tap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

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

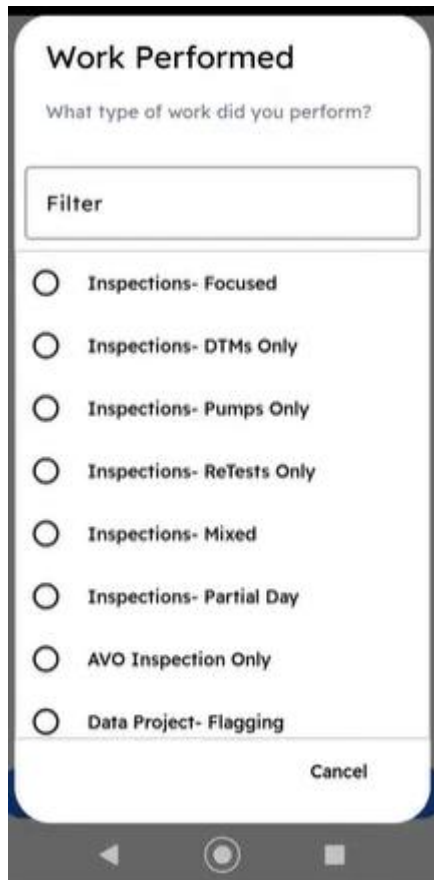
Check In – End of day



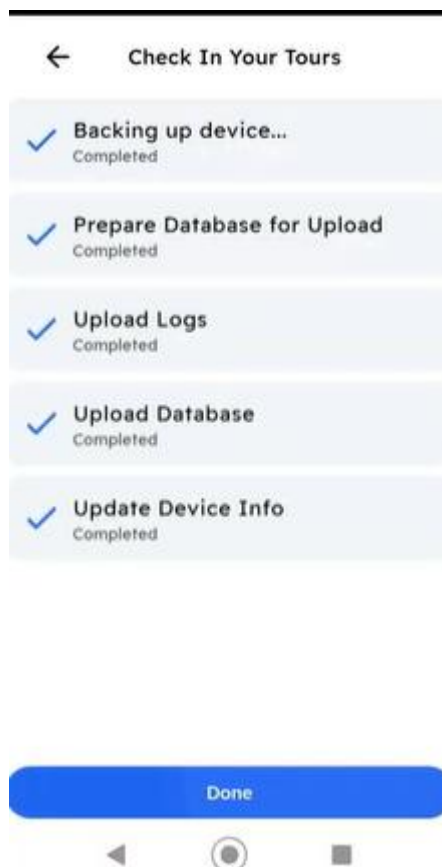
1. At the end of the day, navigate to the dashboard to check in your inspection record by tapping **Check In**.



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.