LDARtools

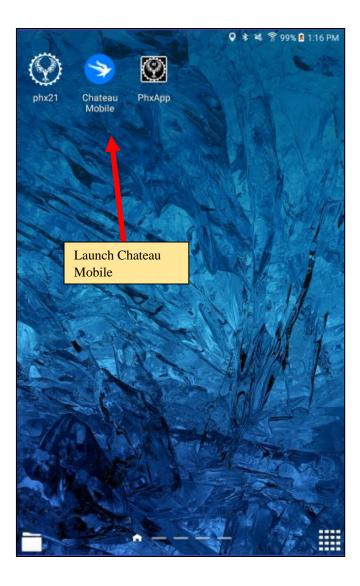
Chateau Mobile Training Manual

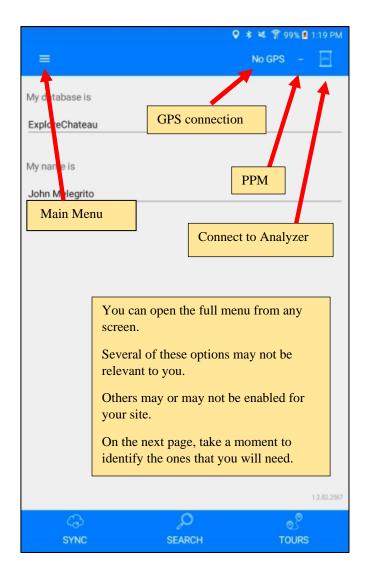
Rev. Date: May 21, 2025

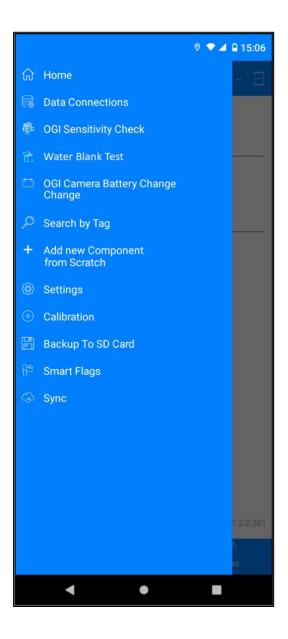




To confirm this is the most current version, please refer to the <u>Chateau Mobile Training</u> <u>Manual article</u> in the *Chateau Mobile* section of the Chateau Knowledge Base.







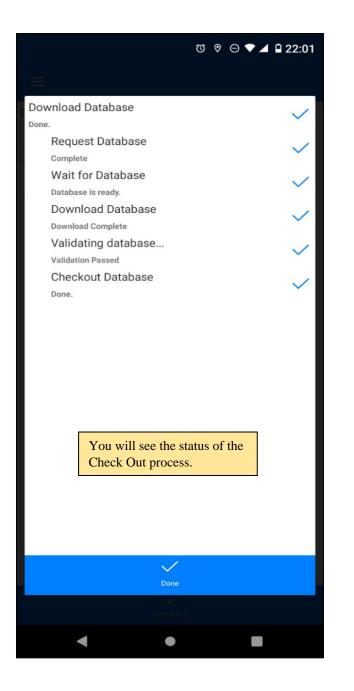
**	
Home	Check current user and database name.
Data Connection	Create the data link to your preferred
	database for Wi-Fi connection.
OGI Senstivity Checks	Perform Sensitivity Check for OGI work
Water Blank Test	Cooling Tower monitoring section
OGI Camera Battery Change	Go here if you ever have to replace the
	battery in the camera when doing OGI work
Search by Tag	If you want to find a tag quickly.
Add New Component from	If you wish to add a component without
Scratch	using the Task Menu (when you are not in
	a tour or do not have a tag in front of you
	to look up), tap here to add from scratch.
	This function is designed to be used only
	when checked out.
Settings	Special options
Calibration	For manual calibration
Backup to SD Card	Chateau Mobile automatically backs up
	every 15 minutes. You can back up
	manually, here.
Smart Flags	New data projects. See the "SmartFlags in
	Chateau Mobile" article in the Knowledge
	Base for more information.
Sync	When you are ready to Check in or Check
	Out data.
Alarm Codes/Rally Points	Alarm Code and Rally Point details are
-	listed here if it was enabled in Safety.
Incident Response	Incident Reponse instructions are listed
	here if it was enabled in Safety.

Getting Started

Note:

- When a new version releases, please check in before updating Chateau Mobile. There will be a prompt informing you when the update completes.
- When working with multiple databases, best practice is to check in on one database before checking out on another database to ensure technicians are always checking in their work so it's not forgotten, as well as purely from a tracking standpoint.

GB 🕨	Q * 3	តិ 99% 🗷 13:21	G B	♀ 3	🕅 🖗 99% 🗵 13:25
=			=		
My databas ChateauMi	is keRadagast		Database ChateauMikeRadagast Technician		Ç
My name is	To check out a tour, select the correct database and technician. When you are ready select Sync, below. If you already have a database/tour Checked Out in Chateau Mobile and you want to Check Out a tour from a differen database, then you would have to first Check In the current database/tour and then you could Check Out the different tour.	t)	Mike Thomas When you a Out, below.	re ready, select Check	Ø
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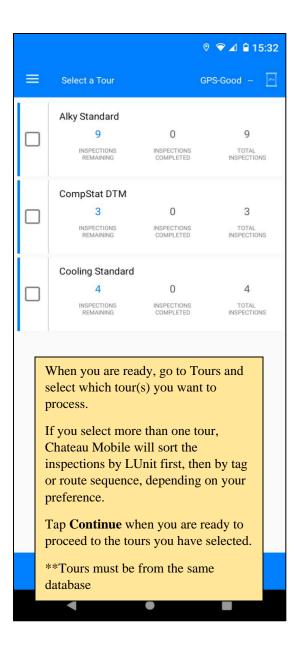
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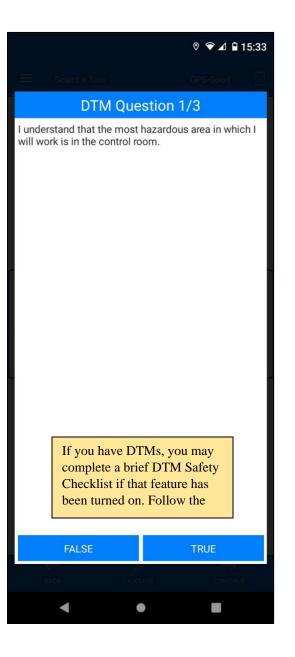
Tech Signoff

	Q * * 1	🕈 98% 🔋 1:24	PM
	No GF	ps – E	Ι
My database	IS		
ExploreChate	au		
My name is			
John Melegr	to		_
	TECH SIGNOFF		
	If your site requires it, you may have to sign a Technician M21 Certification BEFORE you check data back in. Just follow the prompts.		
		128	2.2567
ශ	0	28	
SYNC	SEARCH	TOURS	

			Ŷ	* *	9 8	% 🖻 1	:25 PM
	Tech Si	gnoff					
On 1/18/2022 12:00:00 AM, to the best of my knowledge and belief, and except as noted as M21 Variances if any, I performed monitoring according to Method 21 and I captured in my datalogger or paper logs the data associated with all of the components I monitored today.							
The the		N	2	f.	5°	Ĺ	clear
I, John 1	Melegrito,	, hereby sv	wear				
CANCEL			c	ONF	IRM		
Sig	gn and	l Certi	fy.				

Select Tours

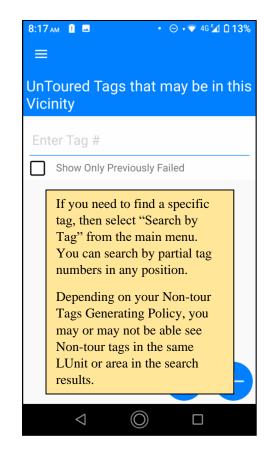


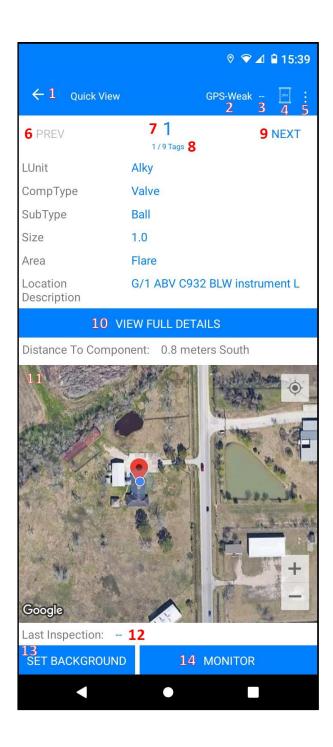


Finding Tags

9.32 AM	। ● 🕲 🔍 🔍 🖓 ⊖ 💎 46 ½	₫ 11%
≡	Select a Component No GPS 2.	47 🦳
Search Tour:	n tags in Current	
5 [Con	npStat]	READY
5/2 Al	BV C501	READT
0029	91 [CompStat]	READY
0/4 C	501/502 ESD OF PLANT	READT
0029	91.236 [CompStat]	READY
0/4 C	501/502 ESD OF PLANT	READY
Contraction of the local division of the loc		
0/4 Y	This what the tag list looks like. You can Filter for certain Groups by tapping the Filter icon.	
0/4 }	You can Filter for certain Groups	READY
0/4 b 00 0/6 ES	You can Filter for certain Groups by tapping the Filter icon.	READY F
0/4 b 00 0/6 ES	You can Filter for certain Groups by tapping the Filter icon.	READY F
0/4 b 00 0/6 ES 0030 0/6 ES	You can Filter for certain Groups by tapping the Filter icon. SD V500 ESD COMP SKID ESD O 03.02 ^[CompStat]	READY F
0/4 b 00 0/6 ES 0030 0/6 ES	You can Filter for certain Groups by tapping the Filter icon. SD V500 ESD COMP SKID ESD O 03.02 ^[CompStat] SD V500 ESD COMP SKID ESD O	READY F

Sort/Filter Components by the following:					
Filter By:					
	Leaking	Tap Filter to select			
	Edited	which groups of components you want			
	Repaired	to focus on, and how they should be sorted.			
	Inspected				
\checkmark	Not Inspected				
Sort by:					
\checkmark	Тад				
	Route Sequence				
DONE					

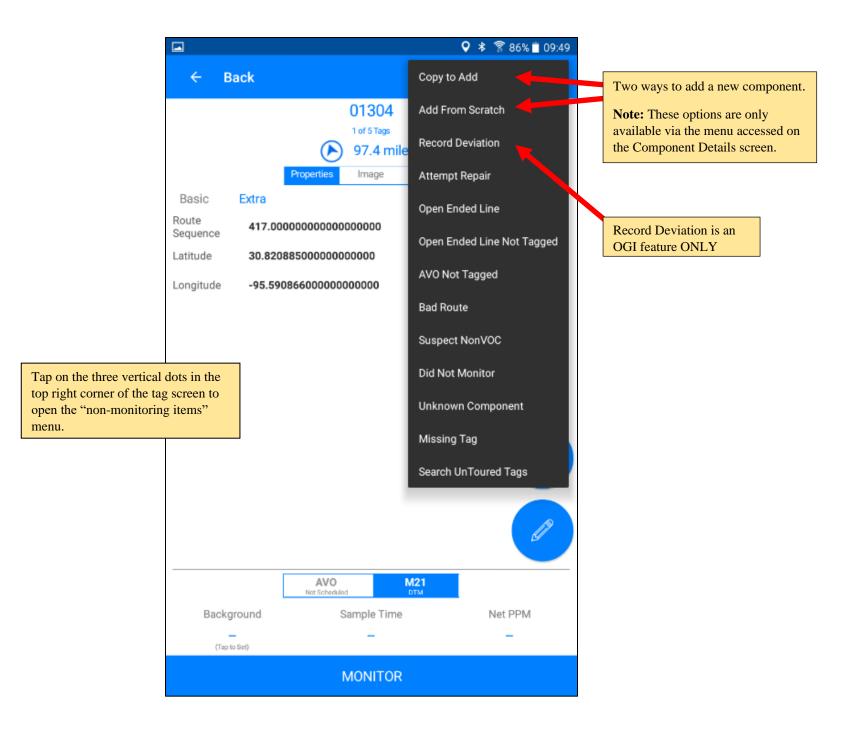


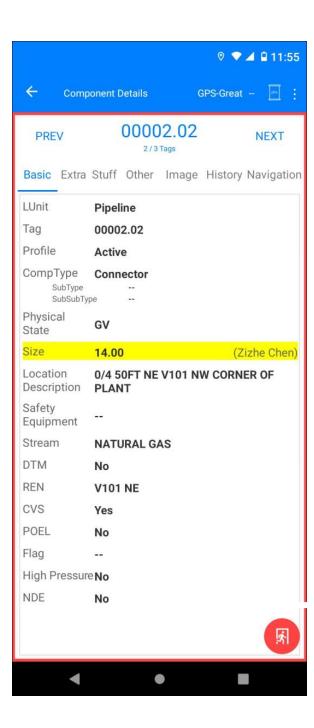


	Quick View				
ltem	Description				
ANDRO	ANDROID STATUS LINE. Will be different based on the version of Android.				
1.	Returns you to the previous screen, which is likely the Tour Screen. This does NOT take you back to the previous Tag (see #6). You can also refer to this button to return to the previous screen and view the GPS map.				
2.	Describes the status of your GPS connection.				
3.	Current PPM reading sent by the VOC analyzer. When using manual analyzer input, you can also click here to set the background.				
4.	Connect to the VOC analyzer by tapping here.				
5.	Menu of all non-monitoring items that are enabled (see next page).				
6.	When this is not the first tag in the sequence, "PREV" will appear in blue. Clicking it will take you to the previous Tag.				
7.	Tag number.				
8.	Shows the order of this tag in the current sequence.				
9.	Takes you to the NEXT tag in the current sequence.				
10.	View full details.				
11.	The map shows a GPS image of your facility with the next component displayed.				
12.	Details pertaining to last inspection performed.				
13.	Tap here to record a background reading.				
14.	Tap here to begin monitoring the component. If the M21 is in blue, you will be doing an M21 Inspection. If the AVO option is blue, you can record an AVO Inspection.				

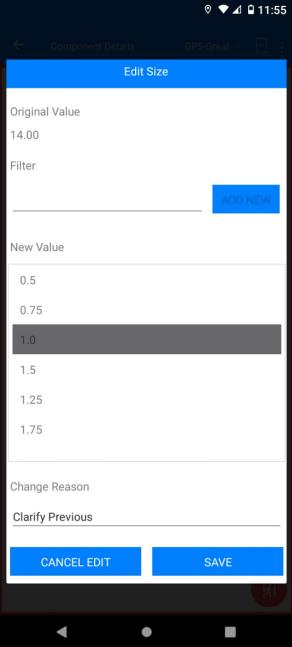
		◎ 🐨 🗹 🔒 15:43
←1 _{Com}	ponent Details G	PS-Good - 🔤 : 2 3 4 5
6 PREV	71	9 NEXT
10 1	1/9 Tags 8	
Basic Extra	Stuff Other Image 12 13	History Navigation 14 15
LUnit	Alky	14 15
Tag	1	
Profile	Active	
CompType	Valve	
SubType SubSubTyp	Ball	
Physical State	LL	
Size	1.0	
Location Description	G/1 ABV C932 BLW ins	strument L
Safety Equipment		
Stream	FUEL GAS	
DTM	No	
REN	C931	
CVS	No	16
POEL	No	
Flag	MM1	17
18 AVO (Not \$	Scheduled) 19	M21 (M1) 21
22 Background		24 Net PPM
(Tap to set)	-	-
	25 Monitor	
•	•	

	Component Details
ltem	Description
ANDR	OID STATUS LINE. Will be different based on the version of Android.
1.	Returns you to the Quick View Screen. This does NOT take you back to the previous Tag (see #6). You can also refer to this button to return to the previous screen and view the GP map.
2.	Describes the status of your GPS connection.
3.	Current PPM reading sent by the VOC analyzer. When using manual analyzer input, you can also click here to set the background.
4.	Connect to the VOC analyzer by tapping here.
5.	Menu of all non-monitoring items that are enabled (see next page), plus Copy to Add and Add from Scratch.
6.	When this is not the first tag in the sequence, "PREV" will appear in blue. Clicking it will take you to the previous Tag.
7.	Tag number.
8.	Shows the order of this tag in the current sequence.
9.	Takes you to the NEXT tag in the current sequence.
10.	Shows the properties of this tag. Blue lettering means it is selected, while gray lettering would indicate it is not.
11.	Extra information, if enabled.
12.	Extra information, if enabled.
13.	Tap here to see an image of this component.
14.	Tap here to see the inspection history of the tag for today. You can add a comment to inspections or delete inspections here.
15.	The distance to this tag. The direction to this tag.
16.	If you want to scan a barcode, tap this.
17.	To edit the component, tap the pen icon, after which the Component Details page will hav a red border, indicating you are in the edit mode.
18.	AVO inspection information. Beside the "AVO" you can see if it is scheduled, or not.
19.	Shows what type of AVO inspection is required, or if the tag is not scheduled.
20.	M21 inspection information. Beside the "M21" you can see if it is scheduled or not.
21.	Shows what type of M21 inspection is required, or if the tag is not scheduled.
22.	Tap here to record a background reading.
23.	Sample time is displayed here.
24.	The Net PPMm is dislayed here.
25.	Tap here to begin monitoring the component. If the M21 is in blue, you will be doing an M21 Inspection. If the AVO option is blue, you can record an AVO Inspection.





Tou the manufics to add them. After	
Tap the properties to edit them. After selecting the new value for the property and	
the change reason, the Save button will	
become available. The changed properties	
will be marked in yellow with the name of the Suggester next to it.	
the Suggester flext to ft.	
On the bottom right will be the red, round-	
shaped Exit icon for exiting edit mode. The	
changed values will be synced to the database upon checking in. Depending on	
your MOC roles, it can be applied directly,	
or require the change to be cleared by an	
Approver.	



Using Chateau Mobile's Location Description Builder

Note: If Chateau Mobile recognizes the existing Location Description as being in the required format, you will be able to edit specific items in the Location Description (such as changing 4 FT WEST to 6 FT WEST) by just editing that specific item. But if the existing Location Description is NOT in the required format, triggering this feature will enable you to start from scratch and build a good Location Description.

Term	Means	Examples	
Level	Level the technician will be standing on to monitor the component.	This Ground Top 2 Ground*	Can Mean Standing on the ground Standing on the top of the named REN Standing on the second level of a structure can also mean that a Scaffold or Ladder to other elevating apparatus is needed. This will be indicated by a higher number in the next Section: Feet from Boots.
Feet from Boots	Component will be this many feet from the Tech's boots when the Tech is at the proper level.	$ \begin{array}{r} 3 \\ -2 \\ 8 \\ 22 \\ \end{array} $	Component is 3 feet above the Tech's boots.Component is 2 feet below the Tech's boots.8 Feet above the Tech's boots.22 Feet above Tech's boots- means some elevating apparatus will be required. The type of apparatus should be shown in the DTMHow Field.
REN Relational	Where the component is in relation to the nearest primary piece of equipment (REN).	If the component is within 3 feet of the REN, Tap on the SIDE Button and then identify the direction. STOP. You can turn the SIDE feature on and off by tapping on it. If the component is more than 3 feet from the REN, either build the distance by tapping the 1 and 5 to get to the number OR tap in the empty box and type in the number.	
REN	Reference Equipment Number. This is a major piece of equipment that the Tech will use to locate the component.	 You can select the REN three ways: Use the Quick Pick. This will display the last three RENs that were used. Tap in the Filter and type in any portion of a known REN. This will filter and help you find the REN you are looking for. Tap in Select. This will open the entire list of RENs. FILTER IS QUICKER! 	

Specific Tasks

Loading a Map for GPS Assist

Day 1

- 1. With the handheld connected to Wi-Fi.
- 2. Open a Tour.
- 3. Open a component.
- 4. Note the GPS spot displayed for this component.
- 5. On the Quick View screen, use the + / keys to zoom in on the area where you will be working.
- 6. Swipe your finger to view the area where you will be working.
- 7. As you view the area with the best resolution, you will be storing the map image in the Android device.
- 8. Disconnect from Wi-Fi. The map view will be available for you as you perform your inspections.
- 9. The map you have just viewed will be stored on the Android device for later use.

Note: If you do not have Wi-Fi when working in the plant, you can load an up-to-date copy of the Google map for your facility using this process. This will load that map in the cache for this handheld and will be available to assist with GPS locating of the components you are looking for.

Day 2

- 1. Connect to Wi-Fi.
- 2. Display and view any portion of the plant you will need today, which you did not store on any previous day.
- 3. Disconnect from Wi-Fi.

Setting your Background

- 1. Open a Tag.
- 2. Find the Background in lower left corner.
- 3. Tap on –
- 4. Confirm the Background

**You can change the Background at any time.

Performing a M21 Inspection

- 1. Select a tour and continue.
- 2. Click **Ready** on a tag. If it is an M21 inspection, the two buttons on the bottom will read **Set Background** and **Monitor**.
- 3. If it is an AVO inspection, the buttons on the bottom will read **AVO Fail** and **AVO Done**.
- 4. To perform an M21 inspection on any components, go to the **Component Details** view and select **M21**. On the bottom, you will notice the place to set the background PPM and the **Monitor** button.
- 5. The reason why the inspection was scheduled will appear in the apostrophe next to **AVO** and **M21**. If no inspection of this type was scheduled, it will read "Not Scheduled."
- 6. You *cannot* edit the reason for the inspection.
- 7. Set the background PPM.
- 8. In either case, tapping **Monitor** will start the inspection.
- 9. Note GPS loop, if applicable.
- 10. Follow Method 21.
- 11. Chateau Mobile will track HOW LONG your original sample should be.

- 12. Time Completed means you are done.
- 13. If no Deflection is detected, then Tap SAVE.
- 14. If you get a Deflection, Chateau Mobile will prompt an additional Dwell time.
- 15. When completed Tap Save.
- 16. If a leak was detected, you will be prompted to take a leak photo. Tapping **Yes** will prompt you to use the camera on your handheld for taking the photo.
- 17. If there was a Leak, ID the Emission Point.
- 18. Tap OK.
- 19. Follow the Repair Prompts, as appropriate.
- 20. If someone else does the Repair, record their name.
- 21. Confirm your ID.
- 22. Select the Repair Method.
- 23. Either SAVE (without doing a RETEST) or SAVE and RETEST
- 24. When "Time Completed", then Tap SAVE.

Performing AVO Inspections

AVOWhy or AVOFrequency	Indicates why or at what frequency this AVO inspection is being performed.
АVОТуре	Indicates the type of AVO leak that has been identified, such as Visual.
	1. Select a tour and continue.
	2. Click Ready on a tag.
	3. If it is an AVO inspection, the buttons on the bottom will read AVO Fail and AVO Done . If this is true, proceed to step 7.
	4. If it is an M21 inspection, the two buttons on the bottom will read Set Background and Monitor .
Record an AVO Inspection	 To perform an AVO inspection on any components, go to the Component Details view and select AVO. On the bottom, you will notice the Fail and Done buttons.
	6. The reason why the inspection was scheduled will appear in the apostrophe next to AVO and M21 , if no inspection of this type was scheduled, it will read, "Not Scheduled."
	7. Tap FAIL if you see, hear or smell Emission.
	8. Tap DONE if you have completed the Inspection and did note Report a FAIL Result.
	9. Select, from the list how you detected the Emission.
	10. Follow Repair prompts.
	11. If you want to do an AVO RETEST, the Tap on SAVE and RETEST.
	12. Record the results when the Tag Screen opens for you.
	Inspection was performed but no FAILure was reported.
Understand DONE for an AVO Inspection	Notice: The reason Chateau Mobile offers the DONE option rather than a PASS option is some AVO Inspections are not actually inspections for leaks. Certain MOC Tours, and BWON events are tracked and performed and the FAILure (if there is one) is assigned to an underlying or associated component. Stated another way, for some AVO events DONE = PASS, but for others DONE = (just) DONE.
FAIL	Emission was heard, seen or smelled.

Other Chateau Mobile Tasks

Make the keyboard disappear	Done
Respond to Lost GPS signal	If you lose GPS signal during monitoring, Chateau Mobile will prompt you about your choices. You can enter a set of coordinates, use the last known Coordinates, or cancel the inspection record.
Report a safety issue	Click "Report Issue" on the Safety Awareness Prompt (if enabled in Chateau). You can also use the Report Safety Issue option in the Task menu.
Re-monitor a previous leak	1. Select the appropriate inspection type tab (M21 or AVO)
	2. "Already Inspected" will be in parenthesis.
	3. Tap Monitor.
	4. Select Inspection Why = Retest
	5. Monitoring starts.
Delete an Inspection	1. Find the tag. Tap VIEW FULL DETAILS to enter the Component Details view if you are not already there, and go to the HISTORY tab.
	2. Select the inspection to be deleted.
	3. Click DELETE INSPECTION at the bottom.
	4. In the "Are you sure" window, enter a comment if needed.
	5. Tap OK.

1. Select the three-dot action menu.
2. Select Attempt Repair
3. Attempt Checklist will appear (If enabled)
a. If answered correctly, Technician can proceed.
4. Attempt Repair screen will appear with the Who and When fields populated with current tech and time.
5. Tap tech name to open keyboard and change.
6. Tap the date to open a calendar selection screen and change to desired date.
7. Tap the time to open hour and minute selection screen and change to desired time.
8. Tap AM or PM to change.
9. Select Attempt How.
10. Tap Save or SAVE and RETEST
Save will be grayed out if Require Attempt with Repair is enabled in Chateau Settings.
1. Select the three-dot action menu.
2. Select Search UnToured Tags.
3. Enter the Tag Number.
4. List will populate as text is entered.
5. Select the Tag from the list.
6. Perform the Inspection.
1. From the tag screen, tap the Back arrow at top left of screen.
2. Tap on the menu icon.
3. Tap Sync at the bottom.
4. Tap Check In" at the bottom.
5. If No Technician Signoffs window appears, Tap Ok let me take care of that.
6. Use Stylus or finger to sign above line.
7. Click confirm.

Respond to the Uncalibrated Analyzer Prompt	Choose either NO or YES. If you are not sure, consult your Supervisor.
Respond to "Analyzer Not Shown in Chateau" Prompt	Tap OK and continue.
Ignite a phx42	Once the unit is stabilized the "Ignite" button will be available.
Add a Comment to an Inspection	1. Find the tag. Tap VIEW FULL DETAILS to enter the Component Details view if you are not already there, and go to the HISTORY tab.
	2. Select the inspection to add a comment to.
	3. Click ADD COMMENT at the bottom.
	4. Enter the comment and tap OK.

Special Terms

Main Menu	Three horizontal lines. Looks like a cartoon hamburger. Opens the main function of Chateau Mobile.
Task Menu	Three vertical dots. Opens a list of non-monitoring service events.
M12Why	Indicates why or at what frequency this M21 inspection is being performed.
ChangeWhy	Indicates why a change is being made on a piece of data. You must select a reason from the picklist.

Chateau Mobile OGI Procedures

Terms

Term	Definition
Clock Sync	If necessary, change the camera time to sync with the handheld- just to the same minute. The clocks do not have to be synced to the same second.
Deviation	If at any time your ability to take a proper OGI image is inhibited, you should document a deviation. You can do that by tapping on the 3-dot icon on the top-right corner of the tag screen.
Done	When completing an inspection on an OGI Spot, always mark the OGI Spot as Done (never Fail). Since OGI Spots are not "real" components, they can't really fail (as in create an OGI leak). This is because the OGI leak will be assigned to the newly created component (such as a Valve or a Connector).
OGI Camera Battery Change	If you have to change the battery on your OGI Camera during a survey you should open the main menu, select OGI Battery Camera Change and approve the prompt. Doing this will enable Chateau to properly identify the images and videos that you have tagged even those the battery change may disrupt the time settings on your OGI Camera.
Inspection Image	After completing an OGI inspection, you may be required to take an inspection image with your IR Camera. When taking the image with your IR Camera, Chateau Mobile will tag the image using the clocks of the handheld and the camera. After checking back in, you can upload the images from the camera and match them to the inspections.
Inspection Image and Video on the Leaking Component	You may also take and tag an inspection image and/or video of the specific leaking component.
Inspection Video on the OGI Spot	You may want to take and tag a video of the inspection of the OGI Spot. You can take an inspection image and/or an inspection video. This is the best way to show the nature, location, and extent of an OGI Leak.
No "Leaks" on OGI Spots	Leaks do not get assigned OGI Spots. Leaks are <i>always</i> assigned to the specific leaking component (valve, connector, hatch). After finding the Leak with the IR Camera, document the (new) component and then assign the leak to it.
OGI Spot	Component created to ID, track, and manage the Spots you should use as reference points for performing an IR Survey. An OGI Spot may represent one component, a group of components, or any other collection of equipment.

Term	Definition
Only ONE Inspection Image per Inspection	You can only tag one inspection image per inspection. If you think additional images are needed, you should either create another OGI Spot <i>or</i> generate another inspection.
Picture Audit	At the end of the day, a Supervisor will be able to compare the Target Image of each OGI Spot to the inspection Image you took with the IR camera to confirm you were in the proper position to perform the OGI inspection.
Tagging Inspection Image and Video	After tapping Done or Fail on an OGI inspection, a prompt will appear asking if you want to tag an image. If so, take the image on your IR camera, then tap OK on the prompt. You will then be asked if you want to tag a video. If so, start the video on the IR camera and stop when complete. Then tap OK on the prompt.
Target Image	The image of the OGI Spot when it was documented. It is stored as a property of the OGI Spot Component. This image is available to you in Chateau Mobile when you open the OGI Spot tag screen.
Tour Path	An image available for every LUnit with an OGI inspection scheduled. You can get to the tour path by tapping on the 3-dot icon on the top-right hand corner.
Transferring OGI Images to Chateau	Chateau will use the timestamp of the image (or video) recorded by the camera and insert it into the database at the time you selected OK . If you are not taking images or videos, select Cancel .

OGI Survey Process

- 1. Connect to the internet / Go to Sync Screen / Select your database / Tech ID
- 2. Check Out.
- 3. When sync is complete, select **Done** and confirm your Tech ID.
- 4. Tap the menu at the top-left corner, then select **OGI Sensitivity Check**.
- 5. Sync the OGI Camera time with Handheld time.
- 6. Record Sensitivity Check information. You can tag a photo or video (optional).
- 7. Select OK, Save, Tour, and Continue.
- 8. Go to your first OGISpot Component.
- 9. If you wish to take a target image (optional), tap **View Full Details** and go to **Image**. Upon tapping the pen icon, the **Update Target Image** button will become available.
- 10. Perform IR Camera survey for this OGISpot.
- 11. When finished mark this OGISpot as DONE. DO NOT mark an OGISpot as FAIL. The FAIL is assigned to the component that is leaking.
- 12. Tag IR image and IR Video.
- 13. Chateau Mobile will automatically take you to the next OGI Spot. If you have found no leak, inspect the next OGI Spot.
- 14. If you have found a leak, tap **Prev** near the top-left portion of the screen to access the previous OGISpot where you observed the leaking component. Follow the steps below to create a new component, inspect it, and assign the leak to the new component:
 - a) Tap View Full Details to enter the Component Details view.
 - b) Select the 3-dot icon.

- c) Use **Copy to Add** (or Add from Scratch).
- d) Choose Found OGI Leak as the reason for adding the component.
- e) Document the leaking component for what it is: Valve, Connector, etc. NOT OGISpot.
- f) Take a target image (optional).
- g) Save.
- h) After saving the new component, go to the **OGI Inspection** tab on the bottom of the page.
- i) Tap Fail to fail the inspection, and select Optical Gas Image as the InspectionWhy.
- j) Select the emission point and confirm.
- k) Record and tag IR Image or Video.
- l) Attempt and Record a repair (Optional).
- m) (Optional): Record a ReTest.
- 15. Go to the next Leak or Next OGISpot.
- 16. Add additional OGISpot with 3 dot icon and Copy to Add from your first OGISpot.
 - This step is optional.
- 17. End of Day Connect to Internet...Home Screen...Sync...Verify Database and TechID.
- 18. Select Check In.

Calibration Process

Notes:

- Chateau Mobile does not verify whether the Confirmation or Drift passed. The technician is responsible for verifying the results. Failed confirmations should be discarded, with the reasons for the failure should be investigated and addressed. Failed drifts should be marked as **Fail**.
- A Daily Calibration record is required to perform a drift in Chateau Mobile.
- Cylinders can be added during the recording of the Daily Calibration record.

Daily Calibration Process:

- 1. Calibrate the analyzers using their normal daily process.
- 2. Connect to the analyzer using Chateau Mobile, open the Main Menu, tap Calibration, and then Input Confirmation PPM.
- 3. Select the date, time, and probe type.
- 4. Add any new cylinders if required or select existing cylinders used in the calibration process.
- 5. Perform the Confirmation process and record the PPM directly from the analyzer in Chateau Mobile, or if you have already performed the Confirmation, manually input the Confirmation PPM value for each cylinder.
- 6. Tap **Cancel** to discard if the confirmation failed. Tap **Save Confirmation** if the confirmation passed, review the record, make edits if necessary, and click **OK**.

Drift Process:

- 1. Connect Chateau Mobile to the analyzer that already has a Daily Calibration recorded in Chateau Mobile.
- 2. Open the **Main Menu**, tap **Calibrate**, and then tap **Input Drift Record**. The cylinders used in the Daily Calibration will be automatically populated.
- 3. Select the date, time, drift type (Noon or EOD), drift method (Standard or VVa), and drift to... (Confirmation PPM or Cylinder PPM).
- 4. Perform the drift process for each cylinder and record the PPM directly from the analyzer in Chateau Mobile, or if you have already performed the drift, manually input the Drift PPM for each cylinder.
 - a. Note: Remember to manually select Pass or Fail for each result.
- 5. Tap **Save Drift**, review the record, make edits if necessary, and click **OK**.

Water Blank Test

- 1. In Chateau Mobile, open the Main Menu (Hamburger Menu).
- 2. Select Water Blank Test.
- 3. Follow the prompts.
- 4. Specify the Test Type.
 - a. Test Type: Indicates the reason that a Water Blank Test is performed. There are three different types (reasons):
 - i. Monthly: This is the normal, scheduled test you must do each month.
 - ii. Recovery: The test you do after your Stripper is exposed to a high PPM event.
 - iii. On Demand: Test done for any other reason.
- 5. When you check in your data, the records will be stored in Resources / Cooling Tower Tools / Water Blank Tests.

Chateau Mobile Manual Change Log		
Rev1	1/25/2021	Initial release.
Rev1.2	2/4/2022	Removed "Freedom" from manual to reflect name change to "Chateau Mobile."
Rev1.3	3/23/2022	Added new page detailing OGI features.
Rev1.4	4/12/2022	Added new screenshots and text revisions for Quick View.
Rev1.5	5/3/2022	Added OGI terms list.
Rev1.6	5/5/2022	Added "Performing AVO Inspections" section.
Rev1.7	9/21/2022	Added FixTag section, revised "current version reference" box on cover page to refer to the Chateau Knowledge Base.
Rev1.8	10/16/2023	 Updated main menu layout and accompanying screenshot on pg. 3; Updated screenshots for Getting Started, Tech Signoff, Finding Tags, Quick View, and Component Details sections; Launching Chateau Mobile: Removed "Navigate to Landmark" and "Navigate to Plant"; added "Add New Component from Scratch" term. Finding Tags: added note regarding Non-tour Tags to "Search by Tag" paragraph; Quick View: updated item 6 description, expanded on PPM reading description regarding manual analyzer input; Tag Details/Component Details: changed "Tag Details" section title to "Component Details", changed "previous screen" on item 1 to "Quick View Scrach" term 5, updated item 6 definition, removed original analyzer input, added reference to "Copy to Add" and "Add from Scratch" to item 5, updated item 17 description; Task Menu: added note detailing the "Copy to Add" and "Add from Scratch" tools are only available via the Component Details three dot menu, but not the one in Quick View; Specific Chateau Mobile Tasks: revised steps 1-4, added new steps 5 and 6, and changed the original steps 5-10 to steps 7-12 on the "Record an AVO Inspection" row; revised steps 1-8 in the Performing an M21 Inspection section; Other Chateau Mobile Tasks: expanded description for "Report a Safety Issue." OGI Survey Process: added new substep "a" to step 14; added note to step 16 specifying that the step is optional; updated description for step 9. Chateau Mobile OGI Procedures: Changed the end of the description for "Inspection Image" to read "upon checking back in." Technician FixTag Procedures: Added new step 2 to "Add a New Component" procedure; revised the three introductory steps before the procedure table.

Rev1.9	11/15/23	Updated Edit Mode screenshot and descriptive text.
Rev2.0	3/11/2024	Added "Calibration Process" and "Water Blank Test" sections.
Rev2.1	3/28/2024	Revised steps 13, 14, 14.g, 14.h, and 14.i in the OGI Survey Process section.
Rev2.2	5/14/24	Revised description for "Inspection Image" in "Chateau Mobile OGI Procedures" section.
Rev2.3	5/22/24	Added note concerning checking in before updating Chateau Mobile when a new version is released in "Getting Started with Chateau Mobile" section; added new step 16 for "Performing an M21 Inspection" process concerning taking a leak photo in "Specific Chateau Mobile Tasks" section; revised the description for item 14 in the "Component Details" section; revised step 1 of "Delete an Inspection" process, added "Add a Comment to an Inspection" term and definition to "Other Chateau Mobile Tasks" section.
Rev2.4	7/2/24	Removed "Technician FixTag Procedures" section as this is no longer a feature.
Rev2.5	7/30/24	Changed references to "AVO Leak" to "OGI Leak" in "Done" definition in Chateau Mobile OGI Procedures; removed step 14.m from OGI Survey Process procedure; removed second part of step 14.1 from OGI Survey Process.
Rev2.6	8/12/24	Shortened AVOType definition to "visual" only for the type reference; removed "OGI Inspections" from "Understand DONE" description; removed "AVO Inspections" and "AVOType" from OGI Procedures terms list; added new step 14.d to OGI Survey Process section.
Rev2.7	9/3/24	Added new screenshot to "Getting Started" section for the analyzer view screen, along with text box describing process to access the screen and select the probe type.
Rev2.8	9/6/24	Expanded on various steps in the Daily Calibration and Drift Processes to align with latest version of Chateau Mobile.
Rev2.9	9/27/24	Added new screenshot and term descriptions for the main menu on page 3.
Rev3.0	12/20/24	Added best practice note regarding working with multiple databases to "Getting Started" section (pg. 4).
Rev 3.1	2/17/25	Added section title to "Select Tours" section and updated screenshot caption (pg. 7); updated "Finding Tags" section (pg. 8) with new screenshots and captions.
Rev 3.2	5/21/25	Added note after "Day 1" portion of "Loading a GPS Map" task (pg.14) stating the cached map may be used in the event Wi-Fi is unavailable while working in the plant.