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# FOCUS

par  TELUS<sup>MD</sup>

## USER GUIDE

### CONCRETE MODULE

V1.3 June 2023

<https://app.focusoptimization.com>

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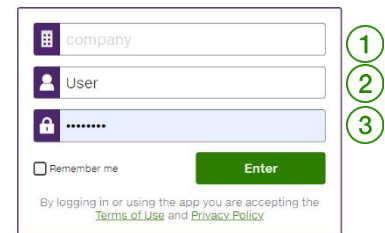
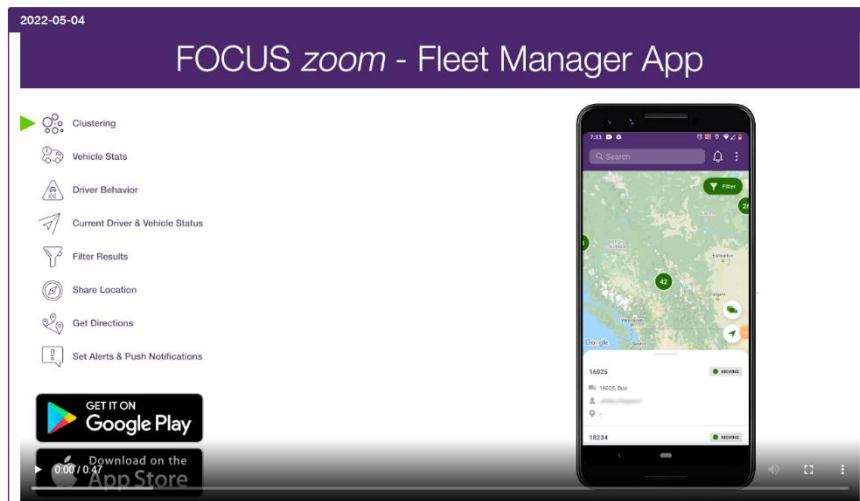
LOGIN

Focus management would like to emphasize that while this guide is intended to be as exhaustive as possible, it is not a substitute for a training session complete with explanations from our training team. It is intended as a first line of assistance and as a reference guide to be used following the initial training session.


An internet connection is necessary for accessing the FOCUS portal. The FOCUS web application is optimized for Chrome, Firefox, Edge, and Safari browsers and is thus is accessible via any device equipped with these applications. In the search bar, type:


**app.focusoptimization.com**

This link will permit you to access the application’s landing page:



Type your company number in the field  (company) **1**. This number is assigned to you by FOCUS and is unique to your organization.

Type your username in the field  (user) **2**.

Type your password in the field  (password) **3**.

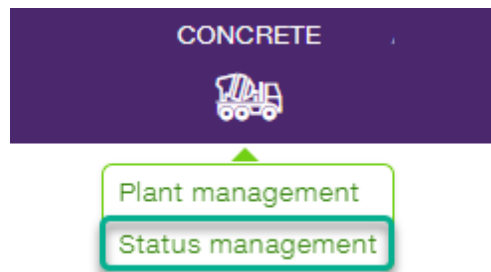
Then click “ENTER” to access your Fleet page.




























CONCRETE MODULE

This module’s purpose is to optimize the dispatching of concrete mixers in order to minimize waiting time. It is used by the dispatcher in order to assign delivery tickets to different drivers. To access these functions, credentials must be provided to the dispatcher. Please consult the FOCUS super-user in your organization for more details.

Let us begin by reviewing status management, they are essential to properly using the Concrete module. Here they are, with descriptions, in chronological order.




 STATUS MANAGEMENT		
	NAME ^	DESCRIPTION ^
1	<input type="checkbox"/>  Stopped	 When the vehicle is stopped in a plant area and is not yet loaded.
11	<input type="checkbox"/>  At Plant	 When the vehicle is at the plant between deliveries.
5	<input type="checkbox"/>  Loaded at Plant	 When the vehicle is at the plant and loaded, ready to leave for a delivery.
9	<input type="checkbox"/>  Washing	 When the vehicle is still at the delivery location, after pouring the concrete.
4	<input type="checkbox"/>  Loading	 When the vehicle is being loaded.
10	<input type="checkbox"/>  Going back to Plant	 When the vehicle is on its way to the plant, after pouring the concrete.
6	<input type="checkbox"/>  Going back to Worksite	 When the vehicle is loaded and on its way to the delivery location.
8	<input type="checkbox"/>  Pouring	 When the vehicle is pouring concrete.
2	<input type="checkbox"/>  In service	 When the driver indicates that he is in service in the mobile app.
	<input type="checkbox"/>  Out of service	 When the dispatcher indicates that the vehicle has finished its day. The vehicle
3	<input type="checkbox"/>  Ready to load	 When the driver indicates that he is ready for loading in the mobile app.
7	<input type="checkbox"/>  On Worksite	 When the vehicle is at the delivery location, before starting to pour concrete.

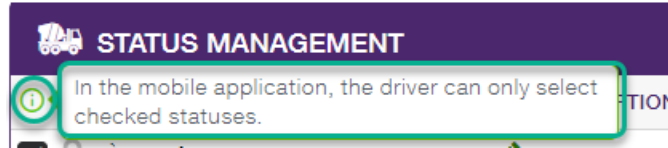


ID	SECTION/COLUMN	DESCRIPTION
①	STOPPED	The vehicle is stopped, at the plant, and ready for its workday.
②	IN SERVICE	The driver is connected in the application and has made themselves available to receive a delivery ticket. Note that this functionality only applies to clients who use “Integra.”
③	READY TO LOAD	The driver is indicating that their vehicle is ready to be loaded.
④	LOADING	The vehicle is in the loading area and being loaded, as the mixer is in rapid spin.
⑤	LOADED AT PLANT	The vehicle has left the loading area, but is still within the plant area (e.g., quick cleaning).
⑥	GOING BACK TO WORKSITE	The vehicle has left the plant area and is heading towards the worksite.
⑦	ON WORKSITE	The vehicle has entered the worksite, which constitutes 100-square-metre area around the delivery address.
⑧	POURING	Concrete pouring has begun; the mixer rotation direction has been reversed.
⑨	WASHING	The content of the mixer has been poured, the vehicle is now being washed.
⑩	GOING BACK TO PLANT	The vehicle has left the worksite area and is now heading in the direction of the plant.
⑪	AT PLANT	The vehicle is back in the plant area, and ready for its next set of instructions.

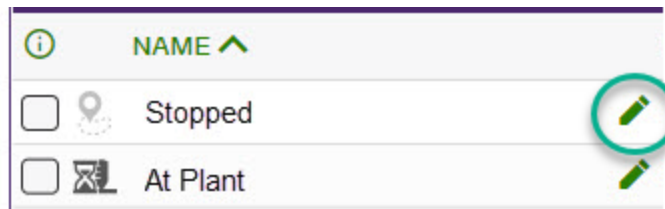
Note that the “OUT OF SERVICE” status is not currently available.



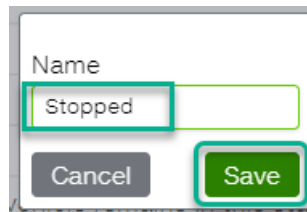
The small  icon gives access to additional information. It is possible to display only certain statuses in the mobile application. Check off those that you want to make visible to the driver.



You can also rename a status by clicking on the pencil icon to the right of the status in question.

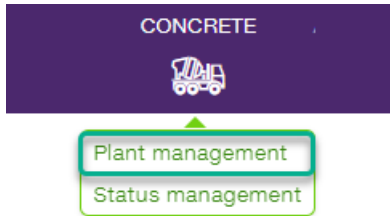


Modify the name and click on "SAVE."





Let us now look at the option called “PLANT MANAGEMENT.”



This option allows you to color code each plant in order to make pinpointing them easier. Moreover, a group of trucks as well as the orders associated with a plant will have the color associated with that plant, and will thus be easier to follow on the map.

#	NAME	POSTAL / ZIP CODE	DELIVERY RADIUS (M)	EQUIPMENT GROUP
087	CDQ - Granby		300	CDQ - 087 - Granby
086	CDQ - Sherbrooke		300	CDQ - 086 - Sherbrooke
451	MTI - Wakefield		300	MTL - 451 - Wakefield
150	Qc - Black Lake		300	Qc - 150 - Black Lake

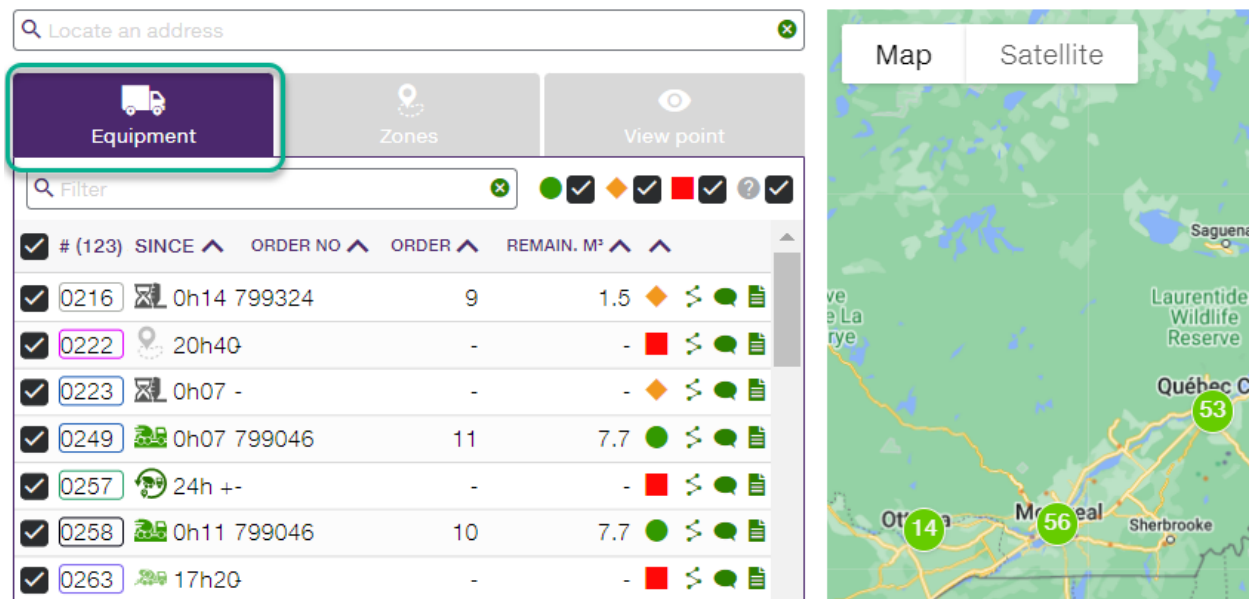
ID	SECTION/COLUMN	DESCRIPTION
1	SEARCH	Permits a search for a variable from any of the columns.
2	NEW	Allows the creation of a new plant.
3	SHOW DISABLED PLANTS	It is possible to disable a plant with the  button. Once it is disabled, it will not appear in the list. Use this option to display these plants.
4	#	Corresponds to the plant number, typically this is an internal reference code.
5	NAME	The plant’s common name.
6	POSTAL CODE	The postal code serves to ensure that an order is properly associated to the right plant, in the case where two plants have the same name.
7	DELIVERY RADIUS (M)	This radius determines the size of the delivery area, during its creation. Typically, for worksites in rural areas, a larger radius may be used. In an urban area, a smaller radius will be more precise.
8	EQUIPMENT GROUP	When an equipment group is associated with a plant, the vehicles from that group appear with the color associated with the plant.
9	EDIT	Enables modification of the settings for a plant.
10	DISABLE	It is possible to disable a plant in the event that it will not, or no longer, be used.
























Let us examine the dispatch module, by clicking on the CONCRETE tab.



Here the EQUIPMENT and ZONES tabs are located. The equipment tab is the main tool used to oversee dispatches.



<input checked="" type="checkbox"/>	# (123)	SINCE	ORDER NO	ORDER	REMAIN. M <sup>3</sup>	
<input checked="" type="checkbox"/>	0216	0h14	799324	9	1.5	  
<input checked="" type="checkbox"/>	0222	20h40	-	-	-	  
<input checked="" type="checkbox"/>	0223	0h07	-	-	-	  
<input checked="" type="checkbox"/>	0249	0h07	799046	11	7.7	  
<input checked="" type="checkbox"/>	0257	24h +-	-	-	-	  
<input checked="" type="checkbox"/>	0258	0h11	799046	10	7.7	  
<input checked="" type="checkbox"/>	0263	17h20	-	-	-	  

Note that the colors in the vehicle column refers to the Plant colors. It helps find which vehicle goes with which plant.





ID	SECTION/COLUMN	DESCRIPTION
①	FIND AN ADDRESS	This field allows you to locate an address on the map with ease.
②	FILTER	This search field is active for the following five columns: #, since, order no, order, and m3 remaining.
③	STATUS	It is possible to filter the results according to equipment status: moving, idling, stopped, or offline.
④	VEHICLE #	You can display certain vehicles if you want, by ticking the corresponding box.
⑤	SINCE	This column displays the time since the last status change.
⑥	ORDER NO	This number is automatically assigned by the production system.
⑦	ORDER	The order represents the delivery sequence for a given order.
⑧	M3 REMAINING	The number of m3 remaining for the delivery ticket in process.
⑨	OPTIONS	Display the statuses, the route, the messaging page, and timesheets.



Let us examine the options more closely:



ID	SECTION/COLUMN	DESCRIPTION
①	STATUS	Display the current status of the vehicle, either moving, idling, stopped, or offline.
②	ROUTE	It is possible to consult the vehicle's route by clicking on this shortcut.
③	MESSAGES	This option allows you to send pre-established messages to drivers and to receive their answers, from a selection of also pre-established messages.
④	TIMESHEET	A timesheet report is available, in order to view the status changes.

Regarding timesheets, this report is currently under development and displays the different status changes. More information will follow once development has been completed.



MESSAGING

When you click on the messages shortcut, a new window opens on the right.

Equipment

Zones

View point

# (123)	SINCE	ORDER NO	ORDER	REMAIN. M <sup>3</sup>	
<input checked="" type="checkbox"/> 0216	0h23 799324		9	1.5	
<input checked="" type="checkbox"/> 0222	20h49		-	-	
<input checked="" type="checkbox"/> 0223	0h15 -		-	-	
<input checked="" type="checkbox"/> 0249	0h16 799046		11	7.7	
<input checked="" type="checkbox"/> 0257	24h +-		-	-	
<input checked="" type="checkbox"/> 0258	0h00 799046		10	7.7	
<input checked="" type="checkbox"/> 0263	17h29		-	-	
<input checked="" type="checkbox"/> 0265	24h +-		-	-	
<input checked="" type="checkbox"/> 0267	24h +-		-	-	
<input checked="" type="checkbox"/> 0268	0h02 800245		1	7.5	
<input checked="" type="checkbox"/> 0285	20h51		-	-	
<input checked="" type="checkbox"/> 0298	0h10 799382		22	12.0	
<input checked="" type="checkbox"/> 0300	24h +-		-	-	
<input checked="" type="checkbox"/> 0301	16h49 99296		14	12.0	
<input checked="" type="checkbox"/> 0306	24h +-		-	-	
<input checked="" type="checkbox"/> 0313	0h25 799177		17	8.0	

Information

Messages

Close

Employee  
30282FB

Client name

Delivery address

Order no  
799324

Ticket no  
146076

Order  
9

À l'usine  
Since 0h23

Poured m<sup>3</sup>  
5.9 / 7.5 m<sup>3</sup> 78%

Previous truck no.  
0591

Dumped m<sup>3</sup>  
0.1 m<sup>3</sup>

m<sup>3</sup> in error  
0.0 m<sup>3</sup>

The INFORMATION tab is displayed by default and displays the delivery ticket for that driver. Here are the details:



Information
Messages
Close

0216,

① Employee  
30282FB

② Client name

③ Delivery address

④ # Order no  
799324

⑤ # Ticket no  
146076

⑥ Order  
9

⑦ À l'usine  
Since 0h25

⑧ Poured m<sup>3</sup>  
5.9 / 7.5 m<sup>3</sup> 78%

⑨ Previous truck no.  
0591

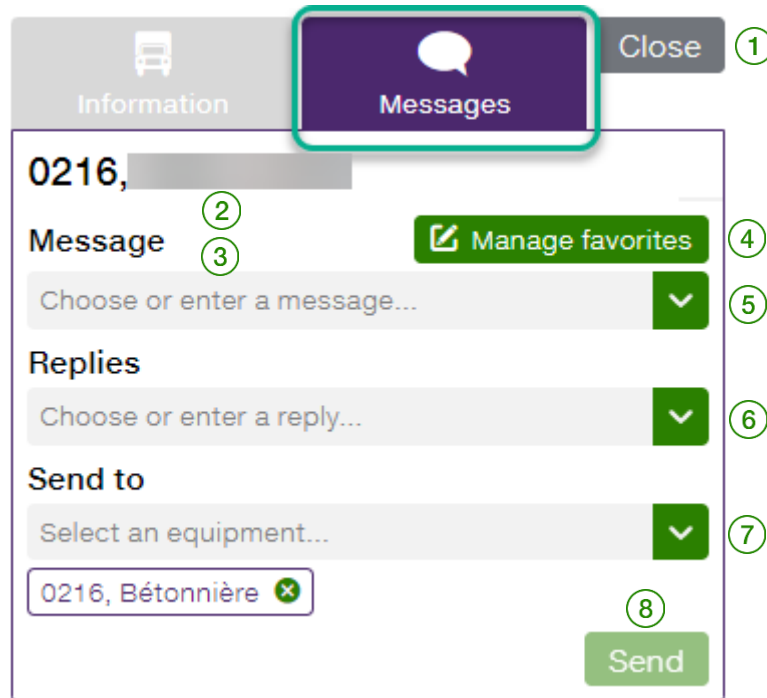
⑩ Dumped m<sup>3</sup>  
0.1 m<sup>3</sup>

⑪ m<sup>3</sup> in error  
0.0 m<sup>3</sup>

ID	SECTION/COLUMN	DESCRIPTION
①	EMPLOYEE	Displays the name of the employee identified as in the vehicle.
②	CLIENT NAME	The name of the client.
③	DELIVERY ADDRESS	The delivery address.
④	ORDER NO	A unique number that can apply to multiple deliveries.
⑤	TICKET NO	A unique number for this delivery.
⑥	ORDER	Delivery order for this ticket.
⑦	STATUS	Status of the vehicle with the time that status has been in effect.
⑧	POURED M3	The quantity of m3 poured at the worksite.
⑨	PREVIOUS TRUCK NO	The number of the previous truck.
⑩	M3 DUMPED	The quantity of m3 poured not at the worksite.
⑪	M3 IN ERROR	If a sensor failed, the number of m3 would be displayed in error.



The MESSAGES tab is for text messages addressed to drivers.



ID	SECTION/COLUMN	DESCRIPTION
①	CLOSE	This button closes the messaging window.
②	DISPATCHER MESSAGES	Messages sent by the dispatcher.
③	DRIVER MESSAGES	Replies from the driver.
④	MANAGE FAVORITES	This button permits the creation of pre-established messages.
⑤	MESSAGE	When the dispatcher wants to send a message, they select from the drop-down menu.
⑥	REPLY	This menu displays pre-established messages for the drivers. These are the reply options available to them.
⑦	SEND TO	Here, the dispatcher selects which vehicle they wish to send the message to.
⑧	SEND	Click on the "SEND" button to transmit the message.



MANAGING FAVORITES

If you click on MANAGE FAVORITES, you can create pre-established messages as well as a selection of responses for drivers.

The screenshot shows a mobile application interface with two tabs: 'Information' and 'Messages'. The 'Messages' tab is active. Below the tabs, there is a header '0216,' followed by a 'Message' section with a 'Manage favorites' button highlighted in a green box. Below this are three dropdown menus: 'Choose or enter a message...', 'Replies' with 'Choose or enter a reply...', and 'Send to' with 'Select an equipment...'. At the bottom, there is a recipient field containing '0216, Bétonnière' and a 'Send' button.

Enter the desired message in the appropriate field.

The screenshot shows a 'Manage favorites' dialog box with two panels. The left panel is titled 'FAVORITES' and is currently empty, with an 'Add a favorite' button at the bottom. The right panel is titled 'NEW FAVORITE' and contains a 'Message' input field highlighted with a green box, a dropdown menu for 'Choose or enter a reply...', and a 'Save' button at the bottom.



**NEW FAVORITE**

Message

Please call at dispatch

Choose or enter a reply...

Next, enter the selection of responses that will be available to the driver.

**NEW FAVORITE**

Message

Please call at dispatch

OK

\* Add "OK"

**NEW FAVORITE**

Message

Please call at dispatch

Choose or enter a reply...

ok Right away!

Not available

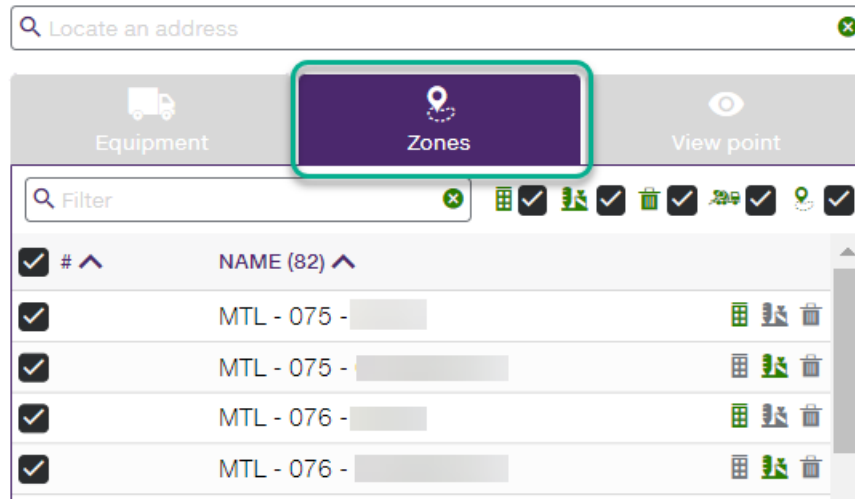
Save

Finally, click on save.



ZONES

The ZONES tab allows you to see which vehicles are in one or more zones, in real time.



Multiple types of zones are possible:



ID	SECTION/COLUMN	DESCRIPTION
①	PLANT ZONE	Circumscribes a general area for the plant.
②	LOADING ZONE	This zone is situated directly under the mixer, where the vehicles are loaded up.
③	WASTE ZONE	This is the zone where concrete surplus is unloaded to make blocks.
④	DELIVERY AREA	This area is created automatically by the system as a function of the delivery address. The default size is 100m x 100m.
⑤	OTHERS	All of the other zones already created in Focus are available here.

The first three types of zone are essential to the proper functioning and changing of statuses. It is thus of fundamental importance to be able to create plant zones, loading zones, and waste zones, in order to assure that the system works properly. The delivery areas are automatically generated by the system.

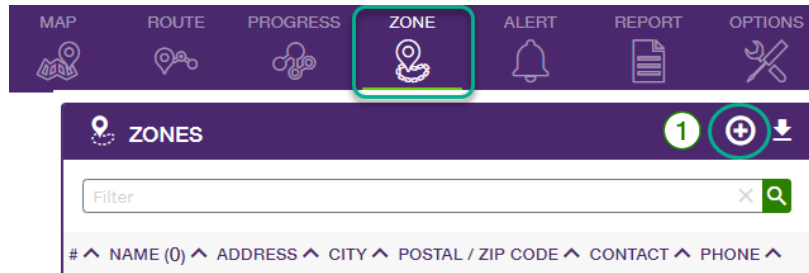
Here is how to create zones and assign them a type.



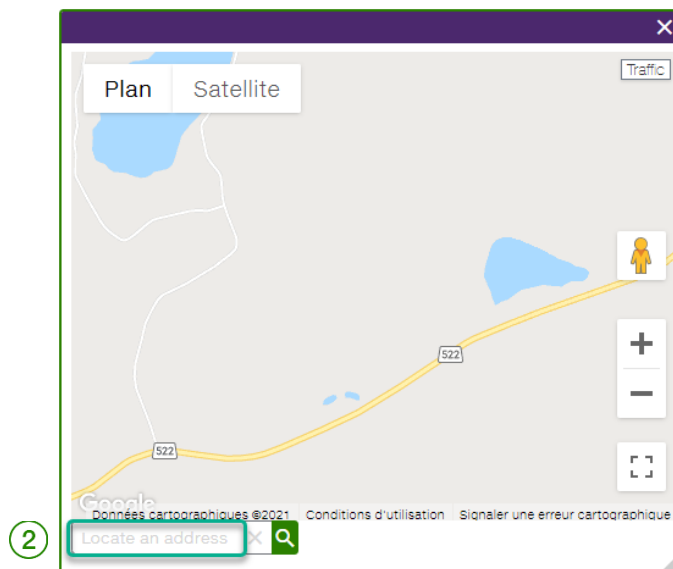


ZONE CREATION

Click on the ZONE icon to display the following page:

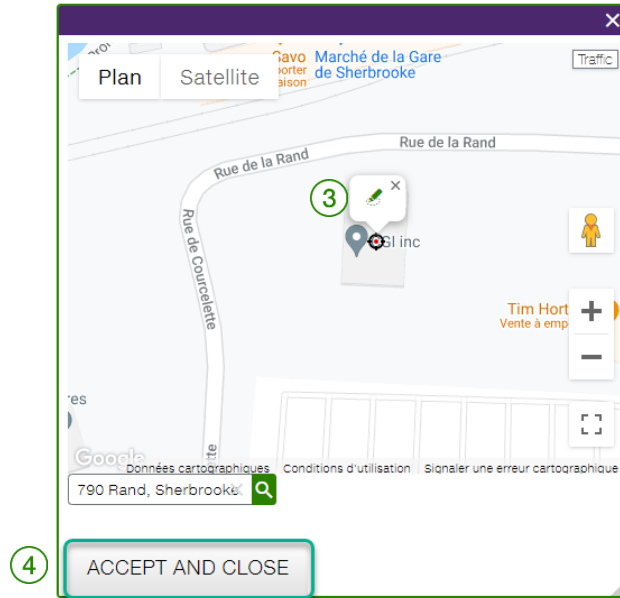


Selecting the  icon 1 displays the following window:



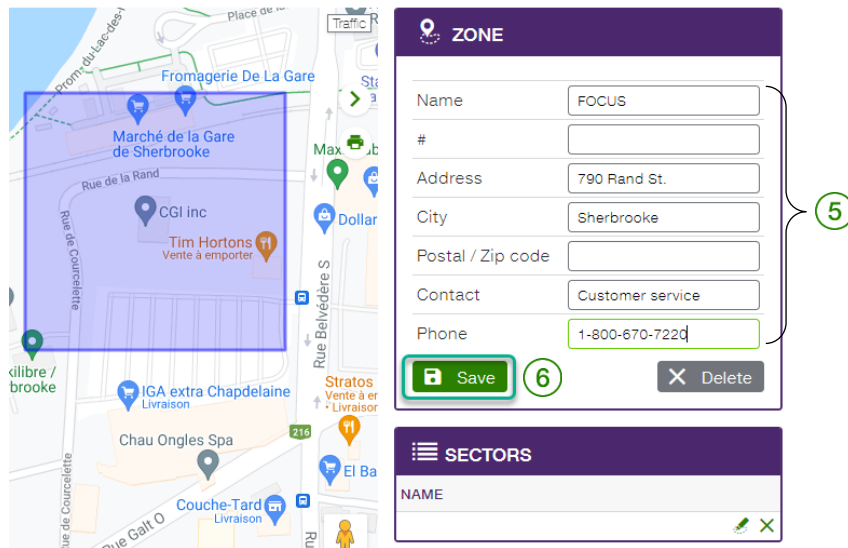
Enter an address into the **Locate an address** field 2, and click on the  icon. This will display the following window:

*Note: you can enter a company name and intersection to locate a position on the map.*



**VERIFICATION**

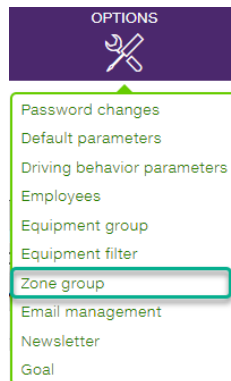
Ensure that the address is correct as entered. Click on the pencil icon **3** or on **Accept and close** **4** to continue.



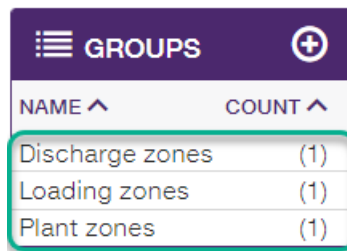
The panel to the right displays the information **5** associated with the selected zone. You can then enter the missing information and fill out the other fields. Only the “Name” field is required. Click on **Save** **6**.



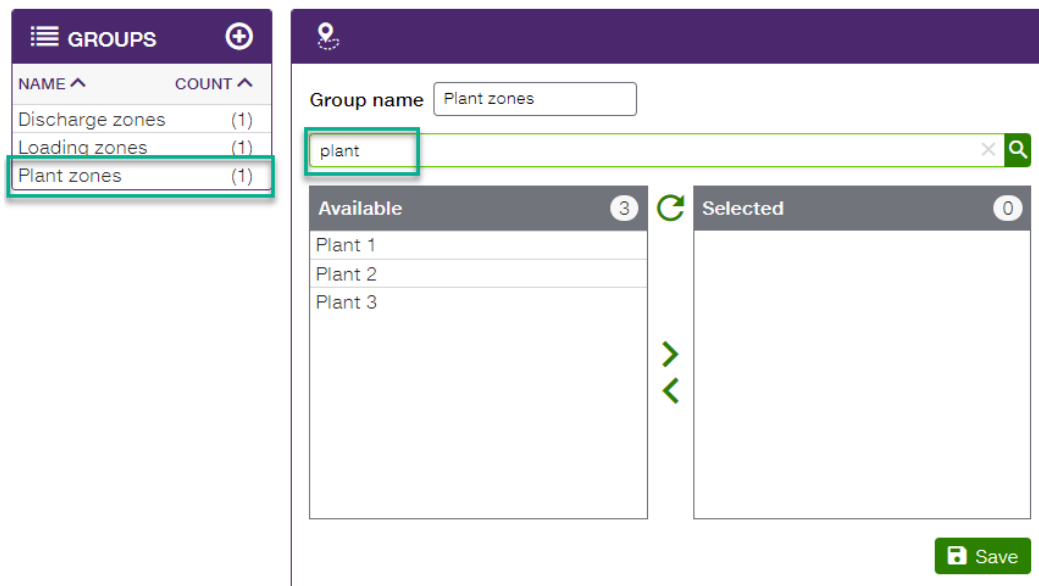
Once the zone has been created, you have to assign it a type by selecting ZONE GROUP from the OPTIONS menu.



Because the CONCRETE module is activated, the system has automatically generated the three zones required for dispatching to work, namely plant zones, loading zones, and discharge zones.



To start, click on the plant zone to add one of the previously created zones. The available zones are displayed on the right in the “Available” section.





Select the zone(s) that you want to add by clicking on them.

GROUPS	
NAME ^	COUNT ^
Discharge zones	(1)
Loading zones	(1)
Plant zones	(1)

Group name

3
↻

- Plant 1
- Plant 2
- Plant 3

>  
<

0

Note that if you use the center arrow, all of the zones will be selected at once.

GROUPS	
NAME ^	COUNT ^
Discharge zones	(1)
Loading zones	(1)
Plant zones	(1)

Group name

0
↻

>  
<

3

- Plant 1
- Plant 2
- Plant 3

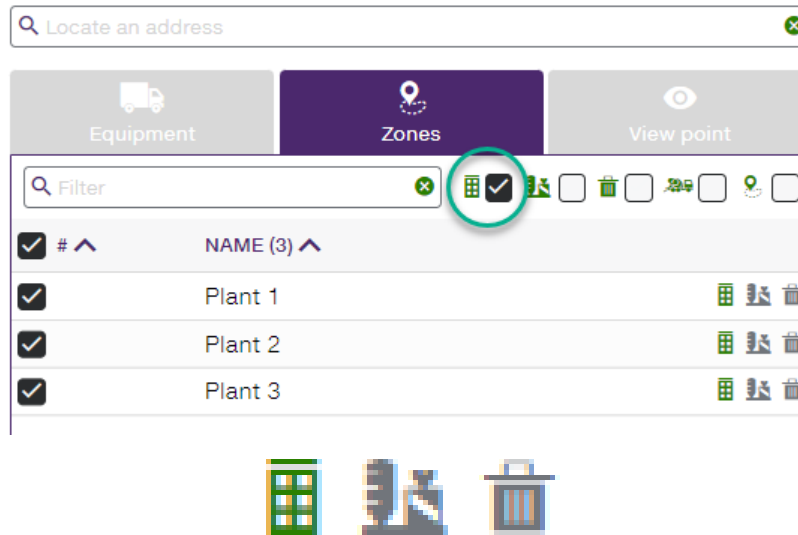
To finish, click on SAVE.



The group PLANT ZONE has now been created. Proceed in the same manner for the other types of zones. There is no limit to the number of zones that can constitute a group.

Now, return to the CONCRETE module and select the ZONES tab.

To the right of each zone, three icons will be displayed.



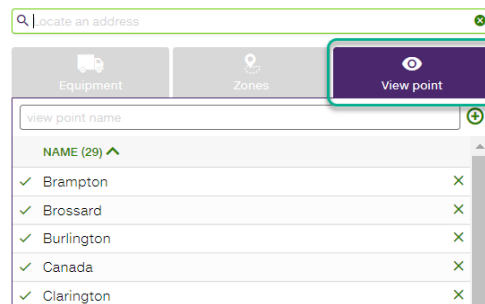
These three icons designate the 3 types of zone, and the icon displayed in green specifies whether the zone is set up as a plant, loading, or discharge zone.

You can also filter the types of zone or equipment displayed in this section by adding or removing checkmarks from the relevant types of zone.

## VIEW POINT

This section allows you to display the different points of view created for the MAP page.


For more details, please refer to the “FOCUS USER GUIDE” that is available in the HELP tab.







HELP TAB

FOCUS USER GUIDE

Click on the  icon, to display the following:

USER GUIDE FOCUS  ①

 CONTACT US

If you have any questions, comments or suggestions, please contact us at 1-800-670-7220.

**Send us a message**


Name

Phone

Email address

Questions or comments

1000 character(s) remaining.

Clicking on  ① opens another page with the online user guide. The document will remain open as long as that window is open.



CONTACT SECTION

Enter information in the appropriate fields to get in touch with customer service **1**.

Once done, click on “ **Send** ”.

**IMPORTANT NOTE:**

- **YOU MUST CLICK ON THE SEND BUTTON IN ORDER TO SUBMIT YOUR REQUEST.**