SHIN-ETSU MAGNETICS PHILIPPINES INC.

AUTOMATIC CONTROL & MONITORING SYSTEM

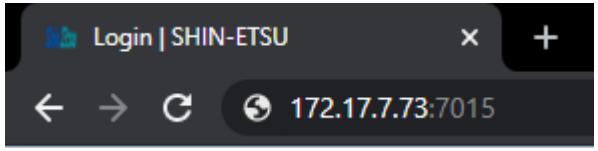
USER MANUAL

SEIKO IT SOLUTION PHILIPPINES INC.

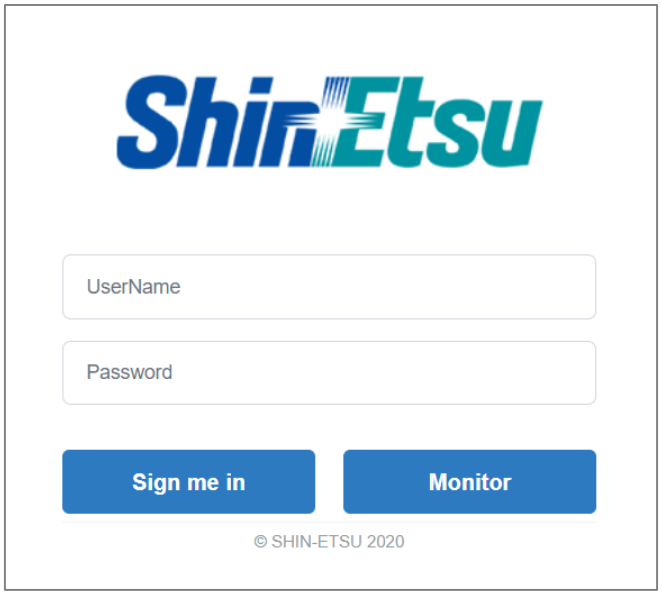
LOG IN

1.) Open Internet Browser (Google Chrome/Internet Explorer)

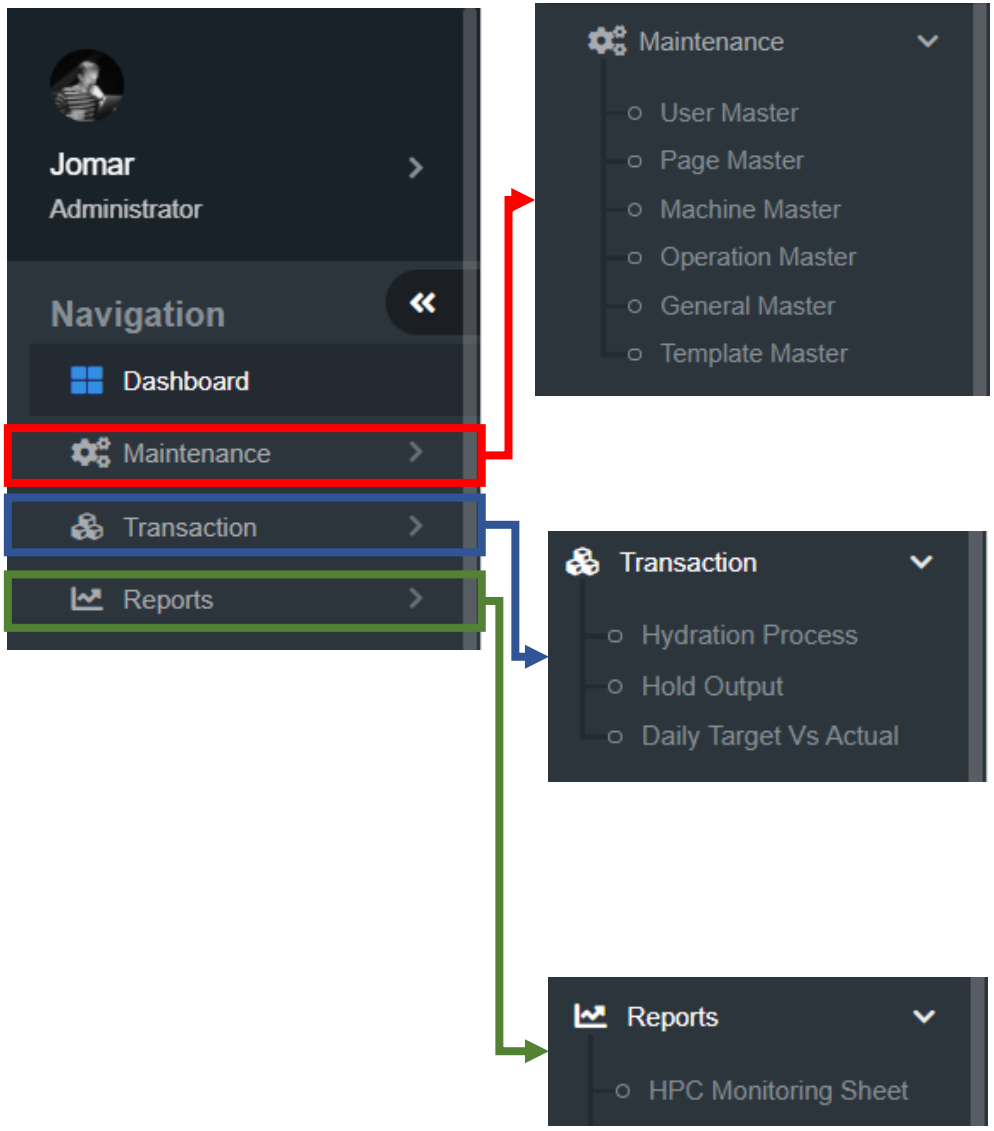
2.) Type the system address link (172.17.7.73:7015) and press “Enter”



3.) Enter Username and Password and press “Sign me in” button



MENU



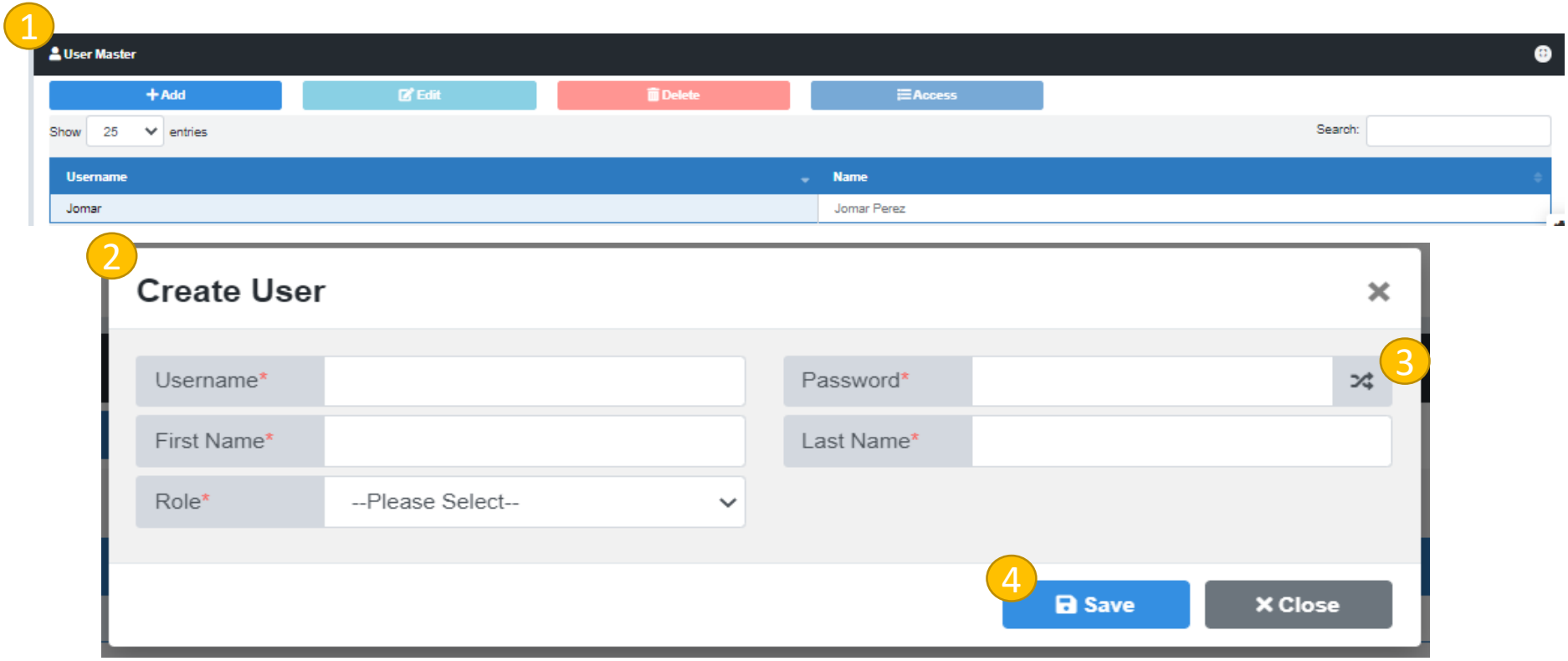
- In this section you can transact and process all data of your employees details and the machine that you have and also you can add here some of important details.
- Per pages we have 3 function that you can use when you click every pages we have “Add”, “Edit”, “Update” and “Delete”.

In this section we have different transaction as followings:

1. You can transact and fill up all data gathered from the cycle of the mixer. You can fill only process date, mixer number, cycle number, operator, data of the drum and start time.
2. You can see the details of transaction from the first transaction function.

In this section you can generate excel file which data is from the Transaction section.

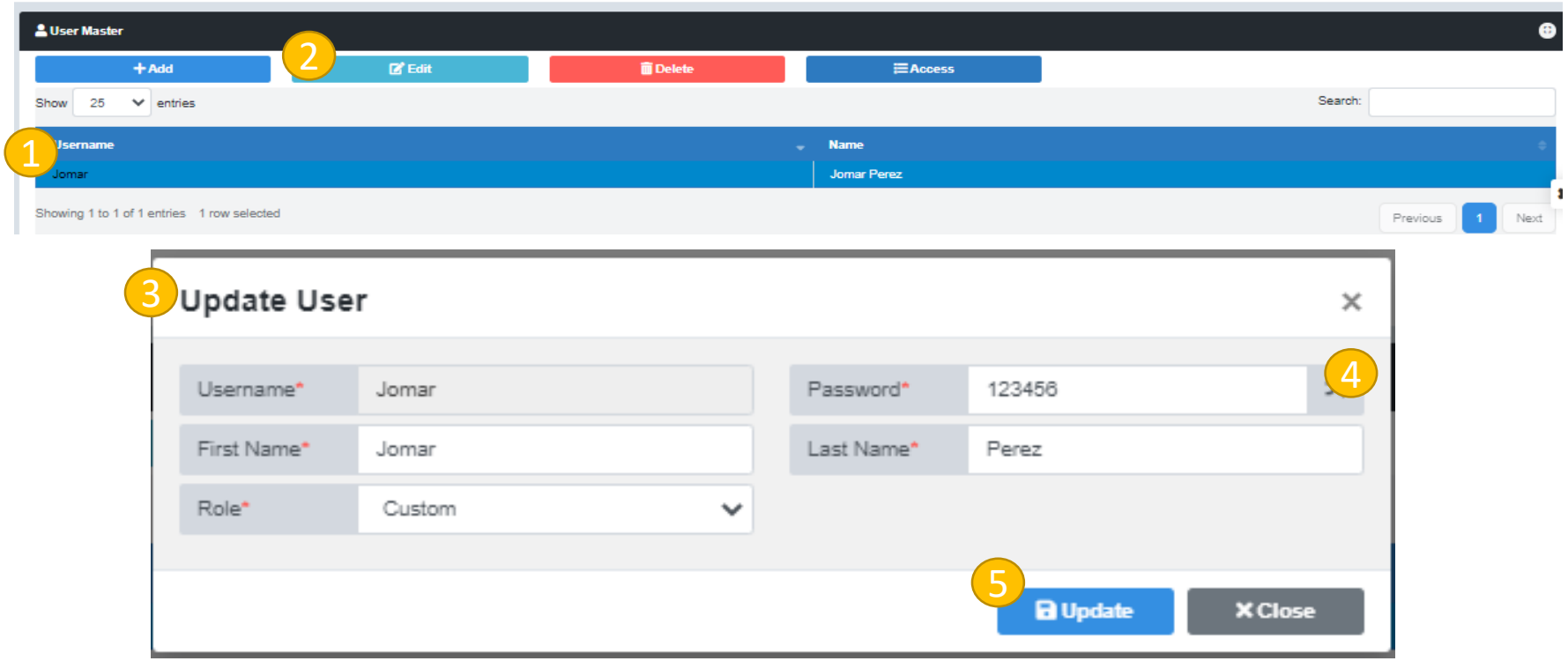
USER MASTER (Registration)



1. Click add button to popup display modal
2. Fill up all required information
3. Click button to get random password
4. Click save to enroll new data in System

Seiko IT Solution Philippines Inc. 2906
Antel Golobal Corporate Center, Ortigas,
Metro Manila

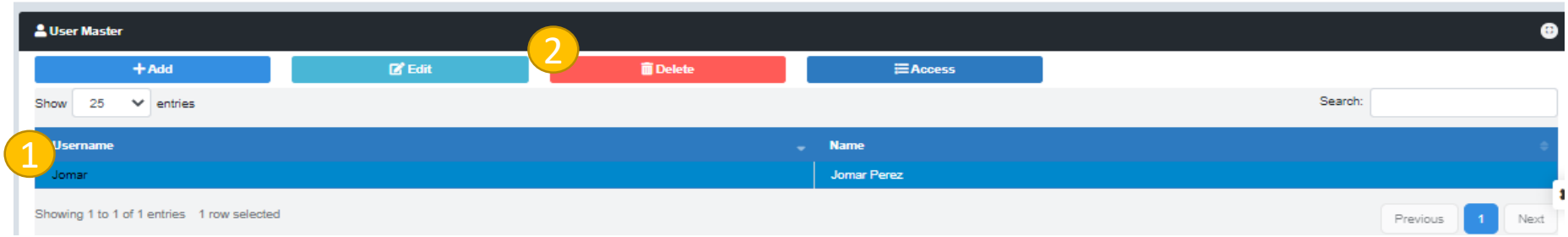
USER MASTER (Edit User Data)

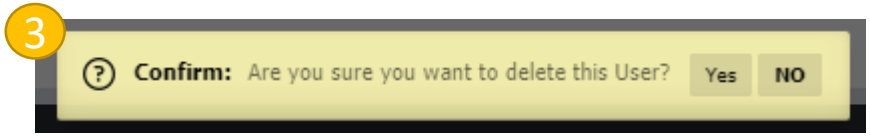


1. Select row to enable edit button above
2. Click edit button to popup display modal
3. Edit User data
4. Click button to get random password
5. Click update button to update data from system

Seiko IT Solution Philippines Inc. 2906
Antel Golobal Corporate Center, Ortigas,
Metro Manila

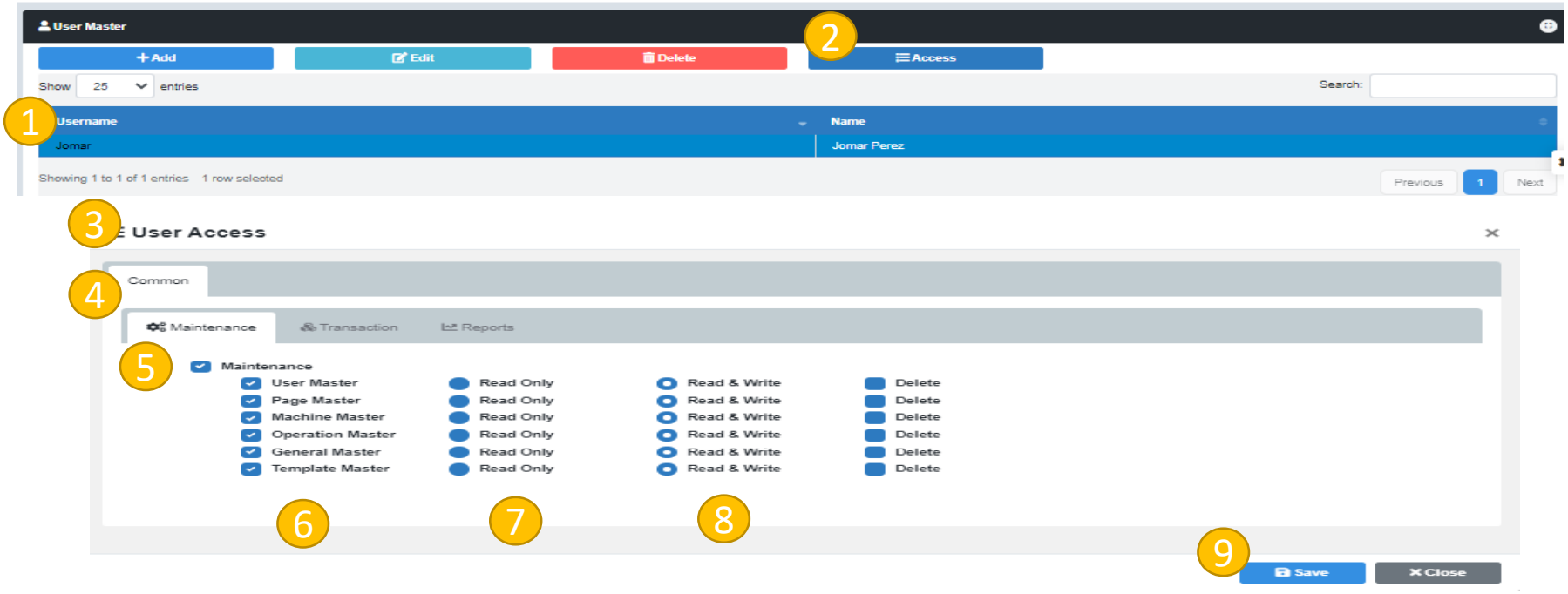
USER MASTER (Delete)





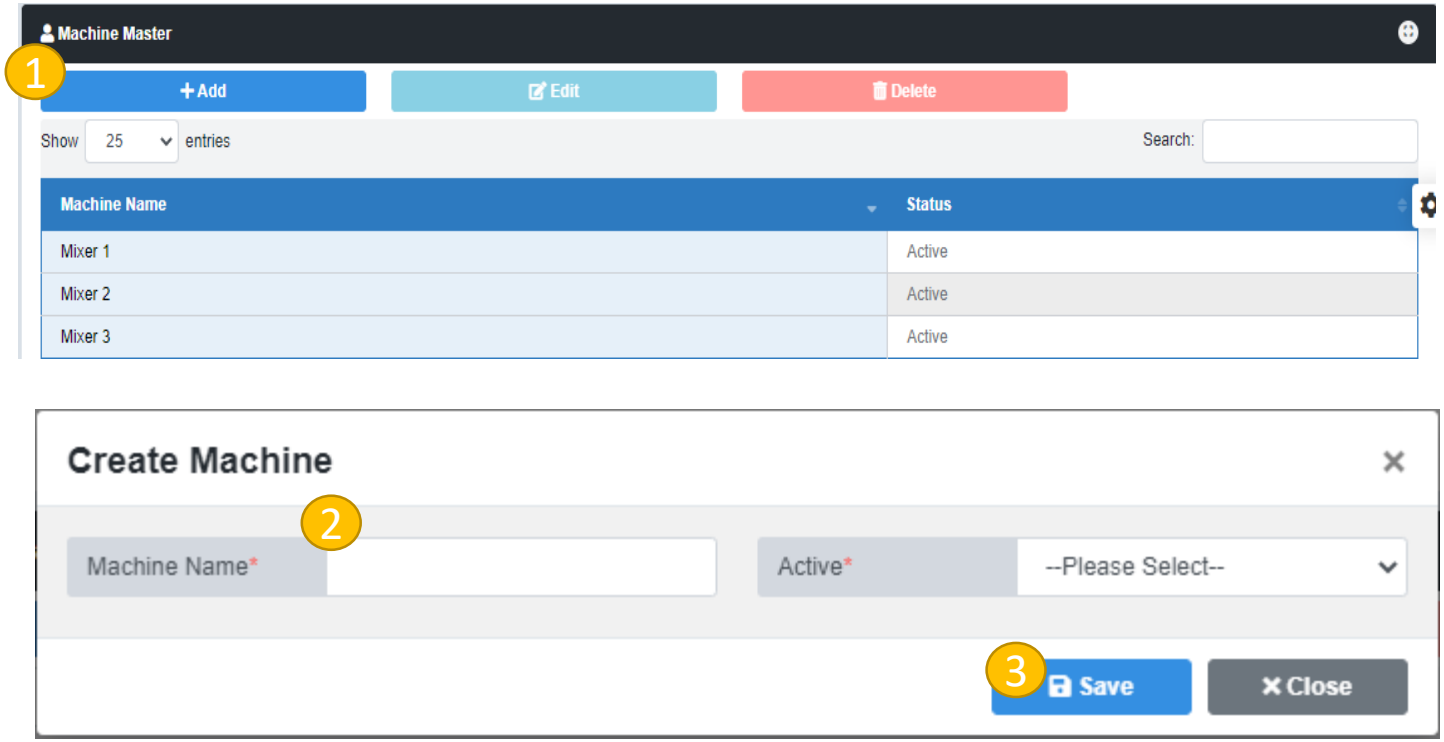
1. Select row to enable delete button above
2. Click delete button to popup display message
3. You can choose Yes or No
    - Click Yes to delete selected data
    - Click No to go back from the display data

USER MASTER (Access System)



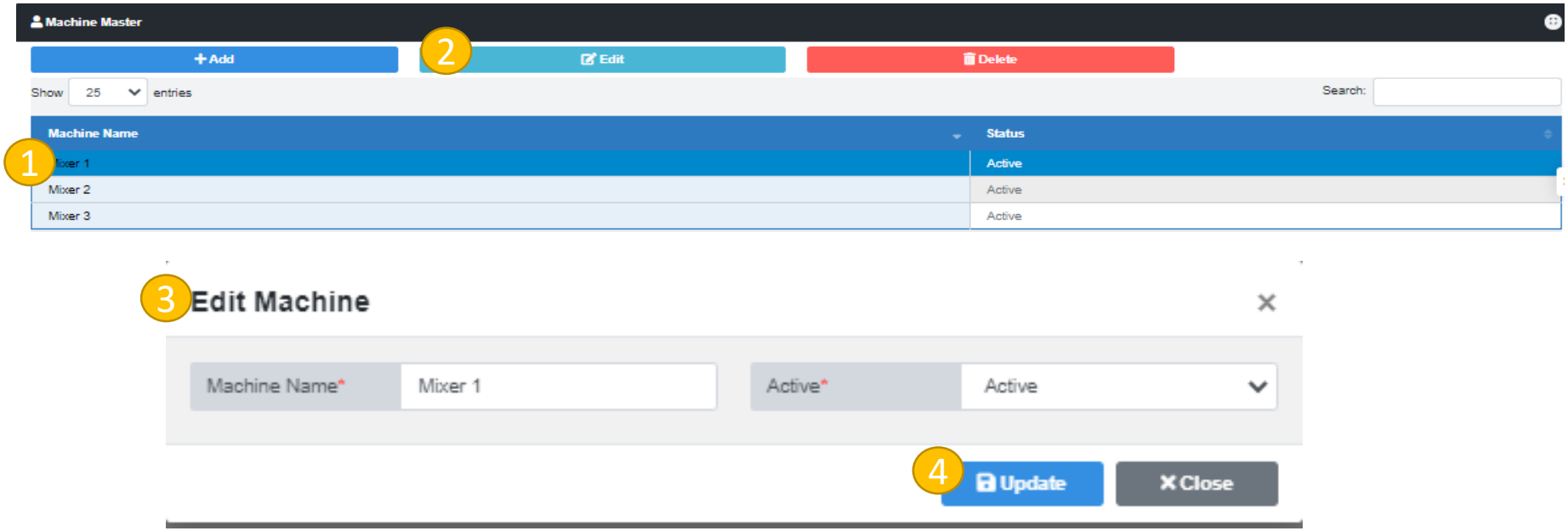
1. Select row to enable Access button above
2. Click access button to popup Modal
3. Check all pages that you want to access
4. Choose Section
5. Click the section name to automatically check all pages on that section
6. Check every single pages that you want to access
7. Click read-only to make the user View the pages only
8. Click Read and Write to make the action of the user is both Viewing and Transaction
9. Click Save button to save all selected pages

MACHINE MASTER (Add Data)



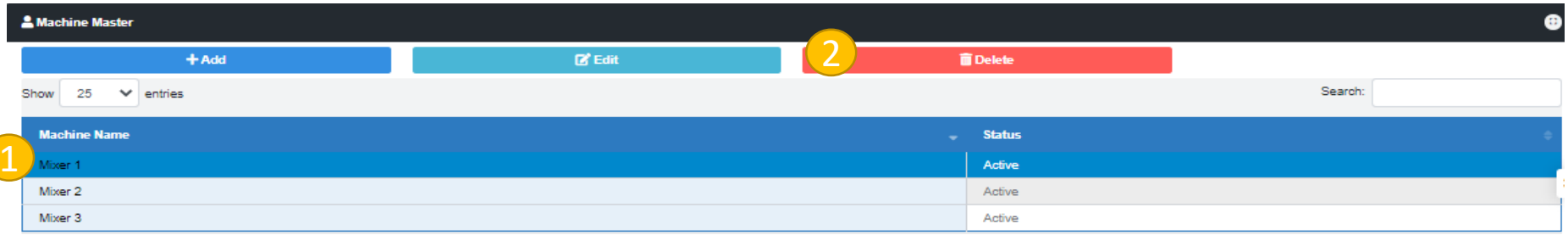
1. Click add button to popup display modal
2. Fill up all required information
3. Click save to enroll new data in System

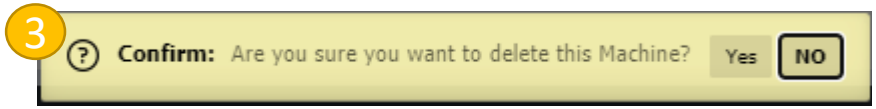
MACHINE MASTER (Edit Data)



1. Select row to enable edit button above
2. Click edit button to popup display modal
3. Edit Machine name and Activity
4. Click update button to update data from system

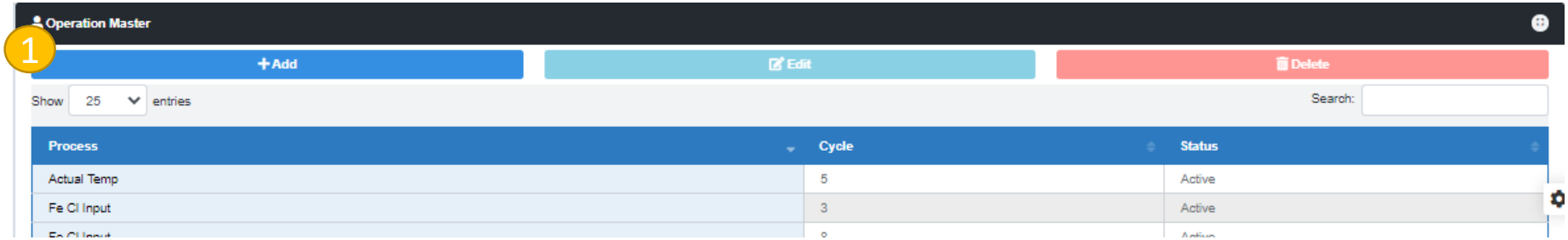
MACHINE MASTER (Delete)

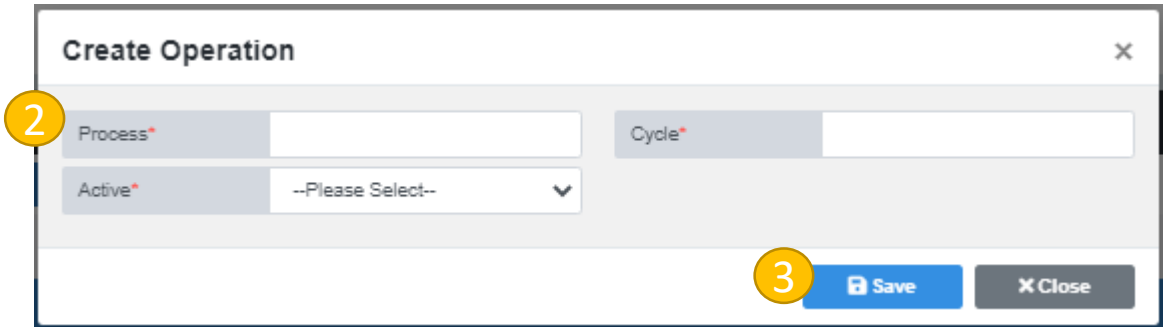




1. Select row to enable delete button above
2. Click delete button to popup display message
3. You can choose Yes or No
    - Click Yes to delete selected data
    - Click No to go back from the display data

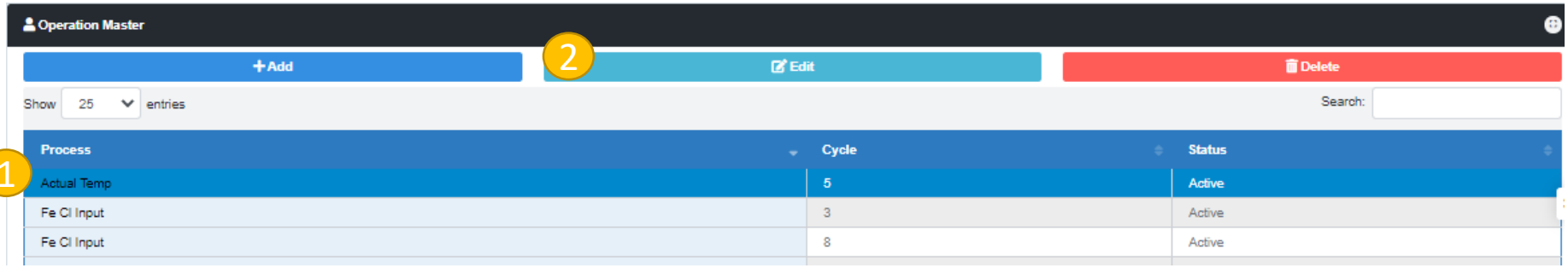
OPERATION MASTER (Add Operation)

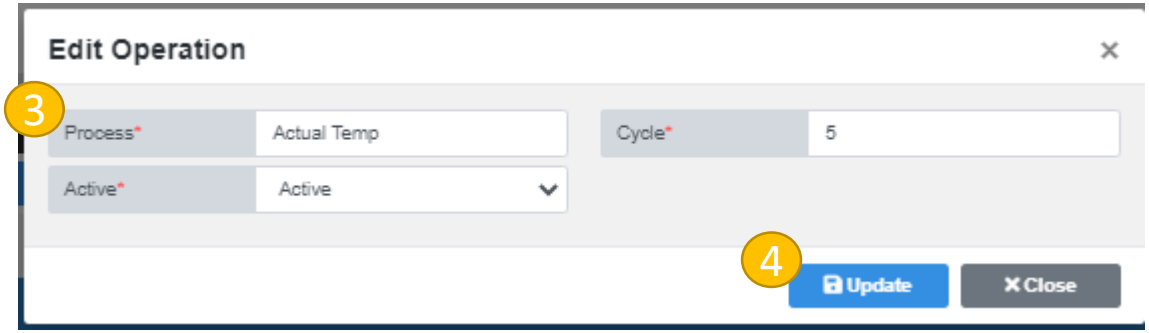




1. Click add button to popup display modal
2. Fill up all required information
3. Click save to enroll new data in System

OPERATION MASTER (Edit Data)

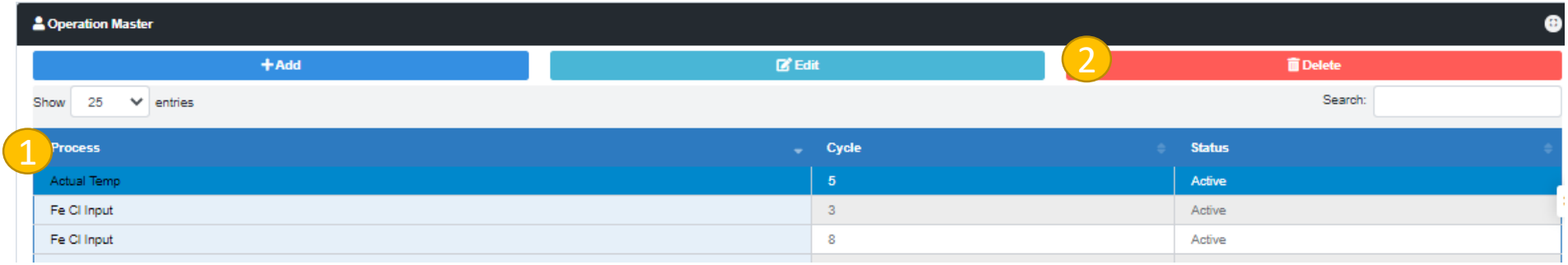


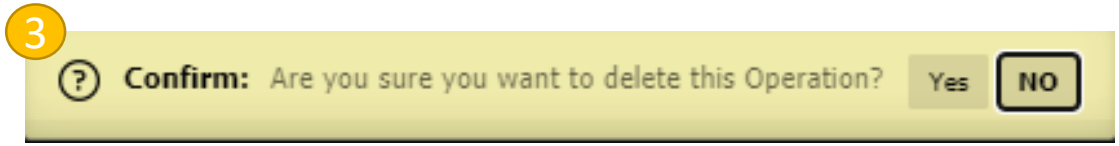


1. Select row to enable edit button above
2. Click edit button to popup display modal
3. Edit data
4. Click update button to update data from system

Seiko IT Solution Philippines Inc. 2906
Antel Golobal Corporate Center, Ortigas,
Metro Manila

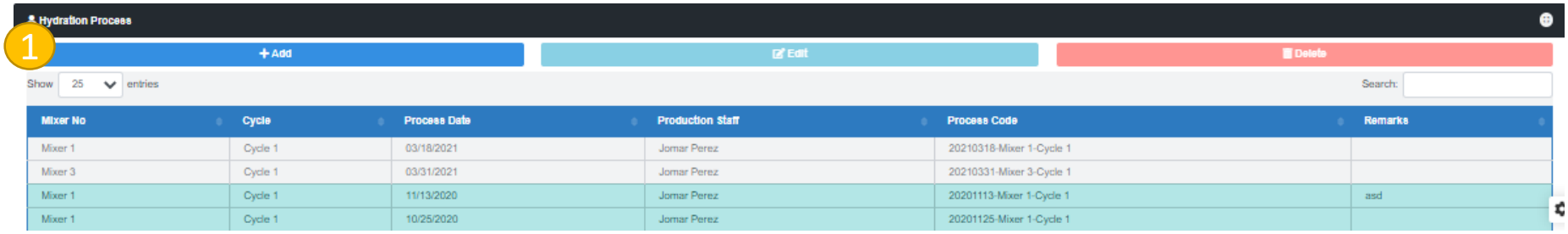
OPERATION MASTER (Delete)





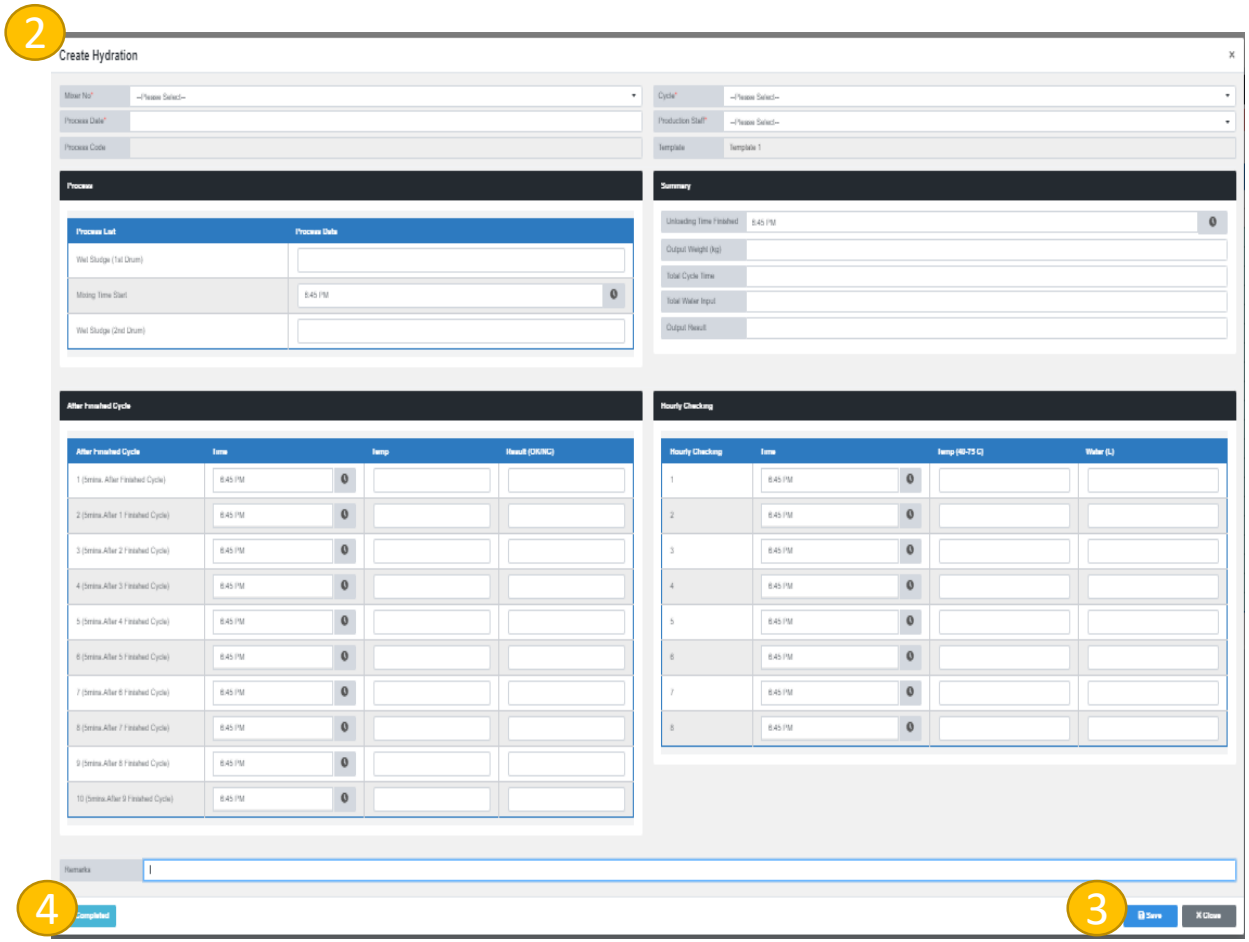
1. Select row to enable delete button above
2. Click delete button to popup display message
3. You can choose Yes or No
   - Click Yes to delete selected data
   - Click No to go back from the display data

HYDRATION PROCESS (Add New Process)



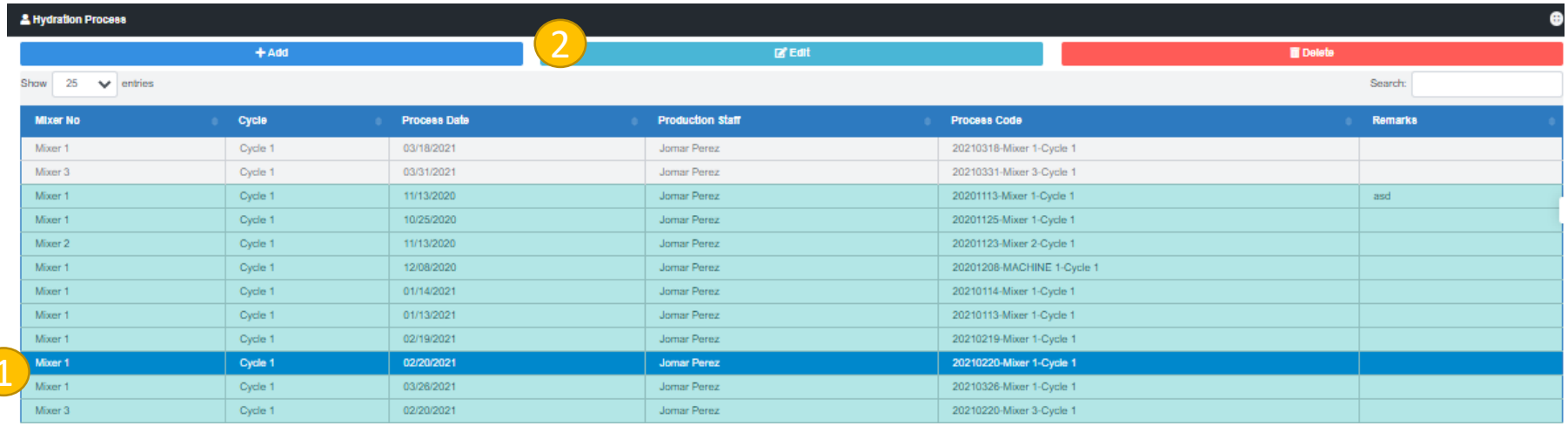
1. Click add button to popup display modal

HYDRATION PROCESS (Add New Process)



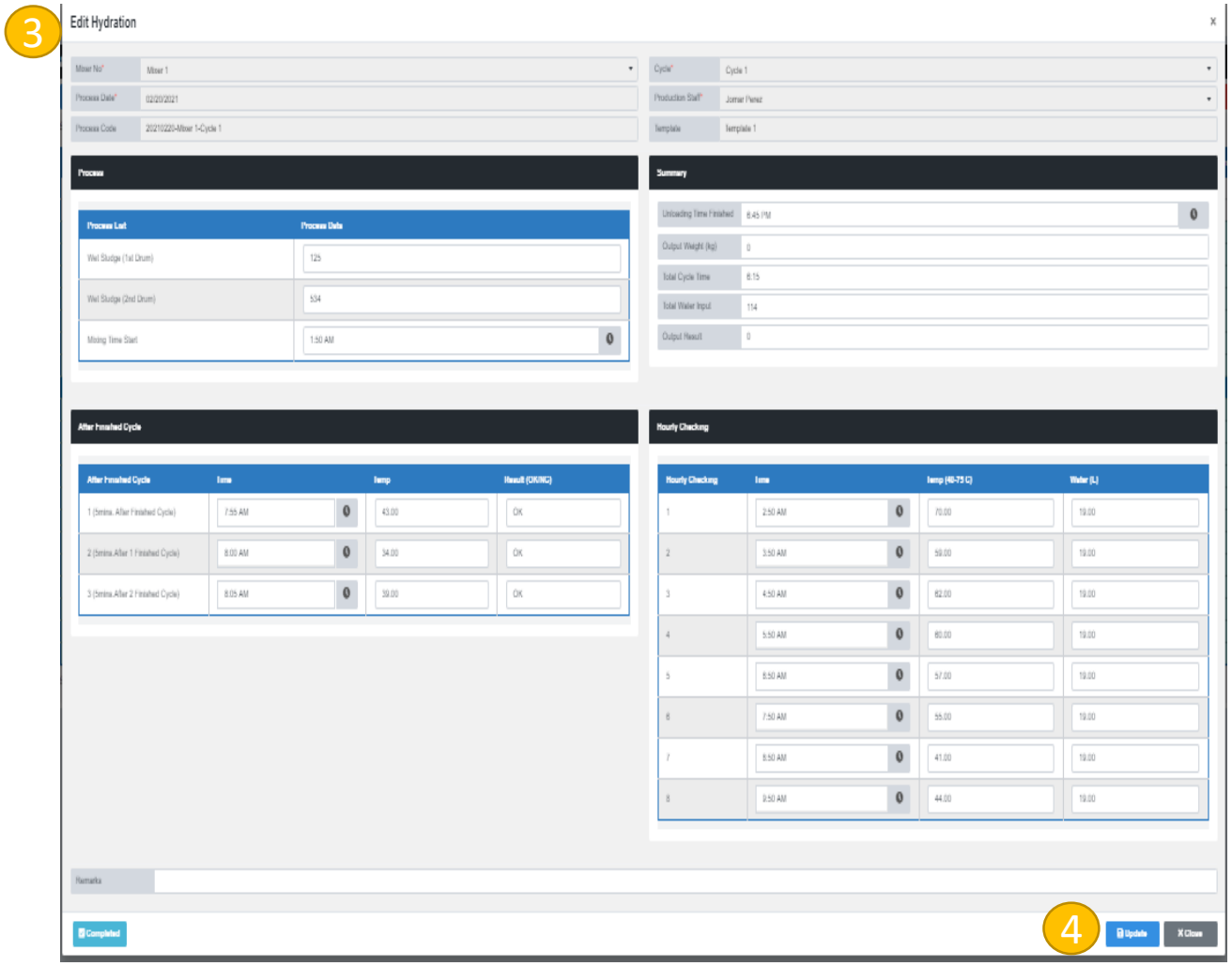
2. Fill up all required data on the header part. In part of Process List manually input data and for the Mixer Time Start this can trigger automatically apply the list of hourly checking. In other part on summary list you can manually fill some of the details.
3. Click to save data above.
4. Click complete button if the transaction data is already completed.

HYDRATION PROCESS (Edit Transaction)



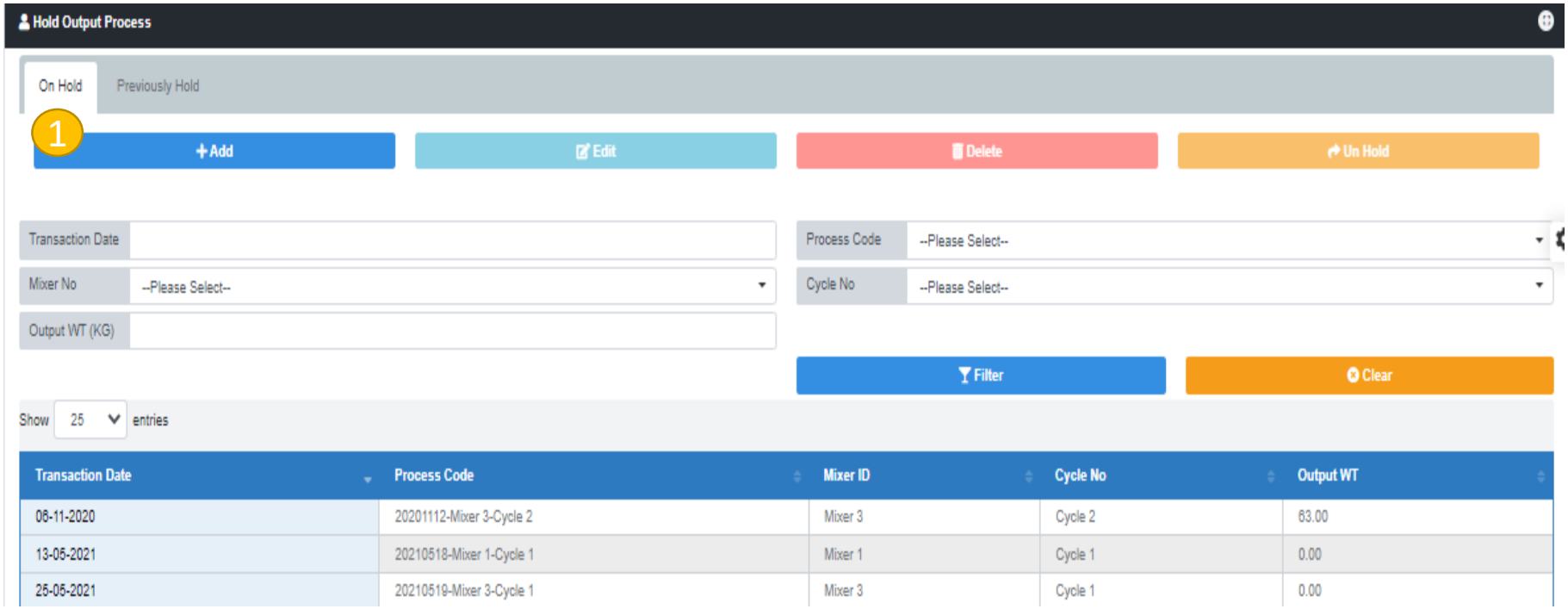
1. Select row to enabled edit button above.
2. Click edit button to popup display and also retrieve data from the PLC modal.

HYDRATION PROCESS (Edit Transaction)



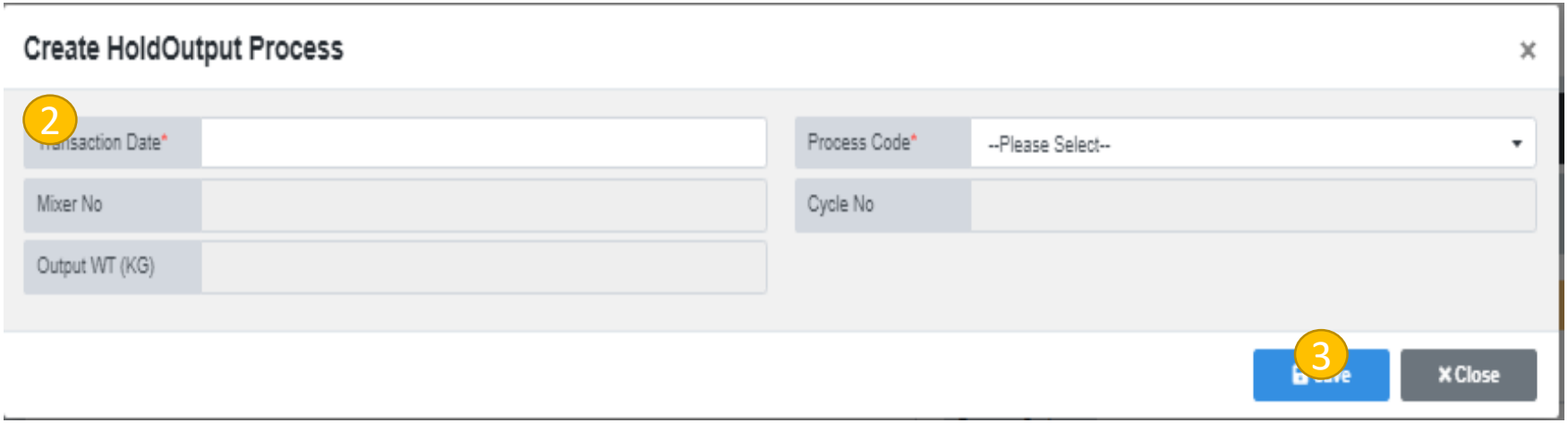
3. Edit data from the Process list and also in the Summary List you cant edit or change it because there are data which atomically filled from the system.
4. Save all changes

HOLD OUTPUT PROCESS (Add New Hold Transaction)



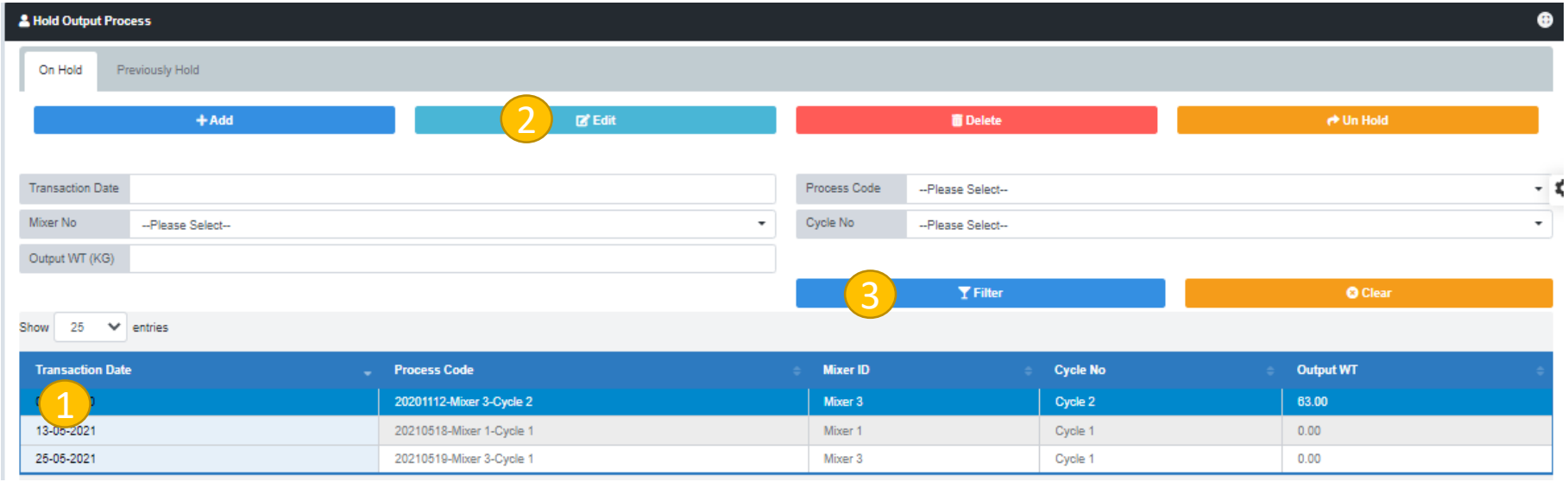
1. Click add button to popup display modal

HOLD OUTPUT PROCESS (Add New Hold Transaction)



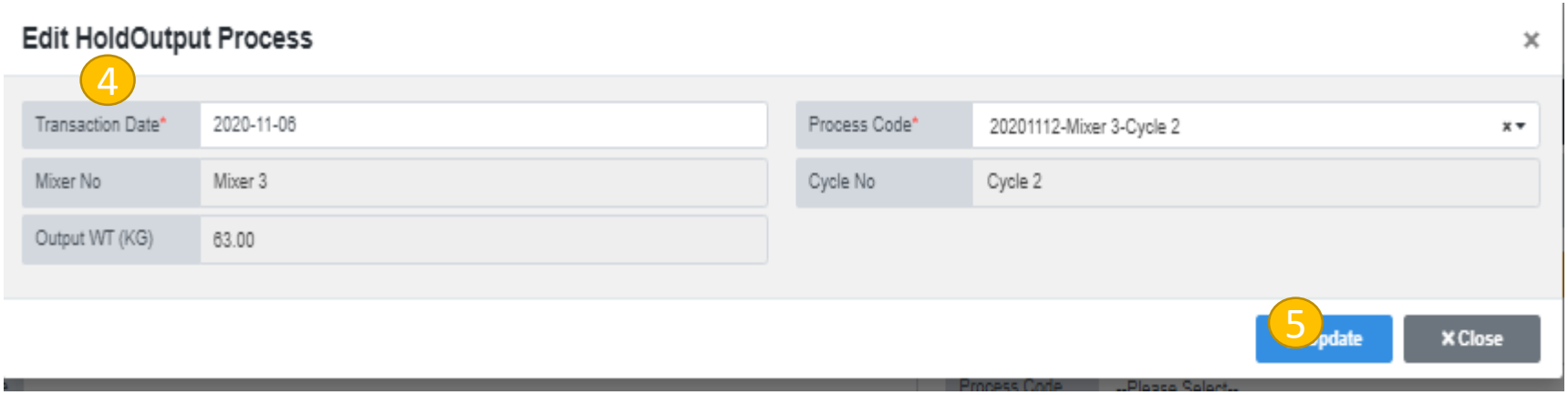
2. Fill up all required fields
3. Click Save button to enroll new data

HOLD OUTPUT PROCESS (Edit Data and Filter Data)



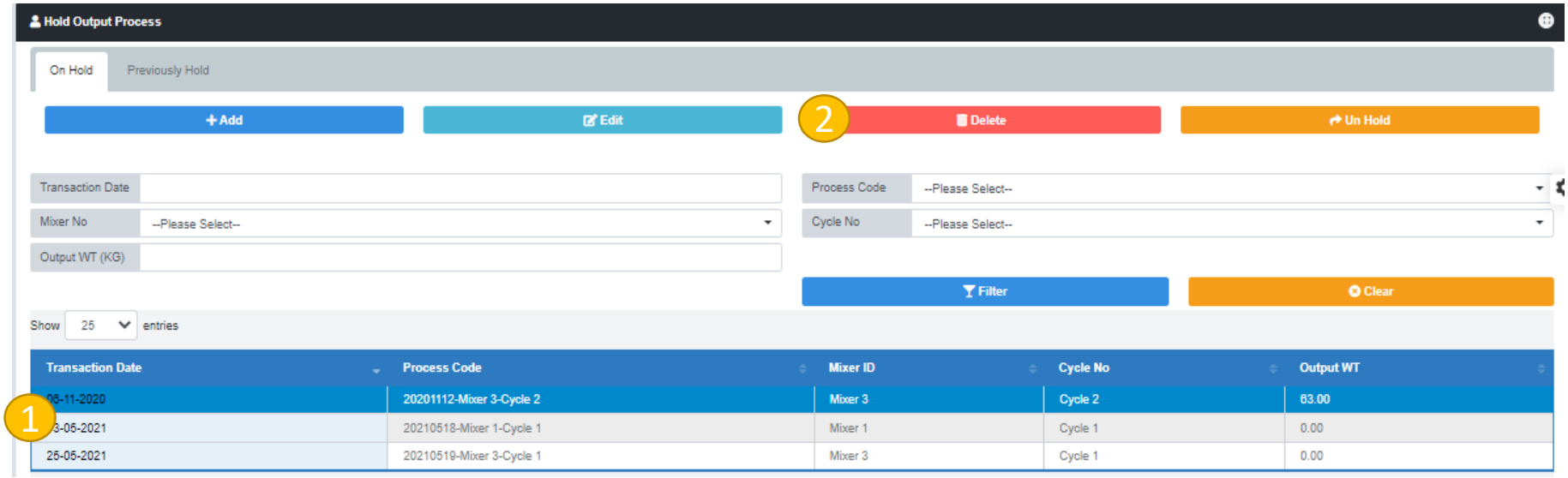
1. Select row to enabled edit button above
2. Click edit button to popup display modal
3. Click button Filter to display specific data condition

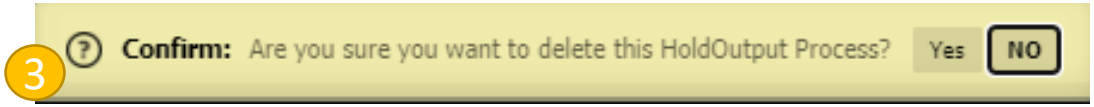
HOLD OUTPUT PROCESS (Edit Data)



4. Edit data
5. Click update button to update data from our system

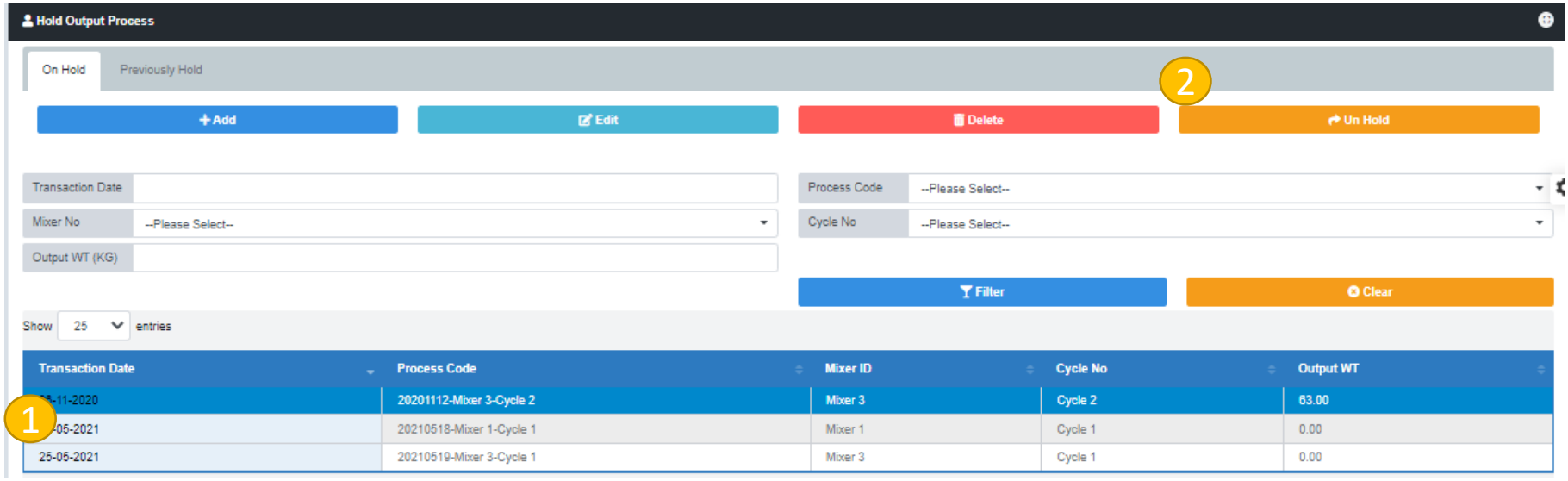
HOLD OUTPUT PROCESS (Delete Data)

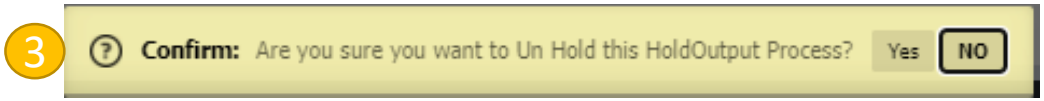




1. Select row to enable delete button above
2. Click delete button to popup display message
3. You can choose Yes or No
    - Click Yes to delete selected data
    - Click No to go back from the display data

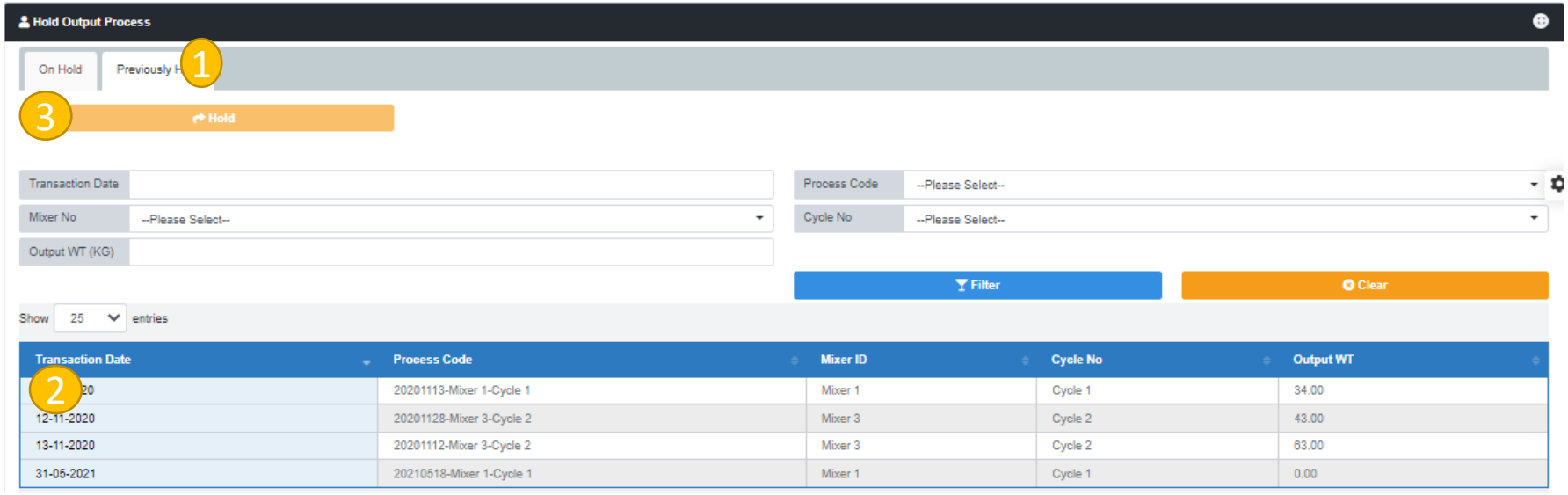
HOLD OUTPUT PROCESS (Un Hold)

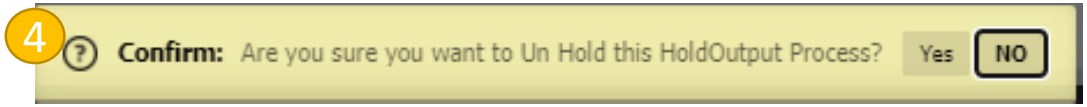




1. Select row to enable Un Hold button above
2. Click Un Hold button to popup display message
3. You can choose Yes or No
   - Click Yes to Move the data in Previously Hold
   - Click No to go back from the display data

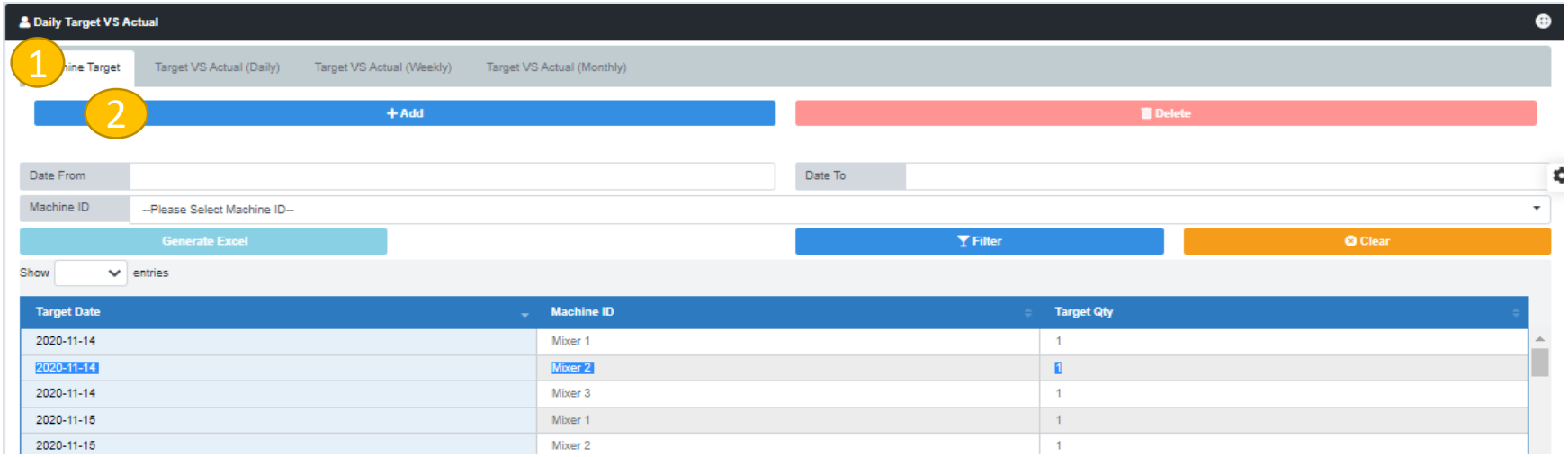
HOLD OUTPUT PROCESS (Transfer Transaction into On Hold)

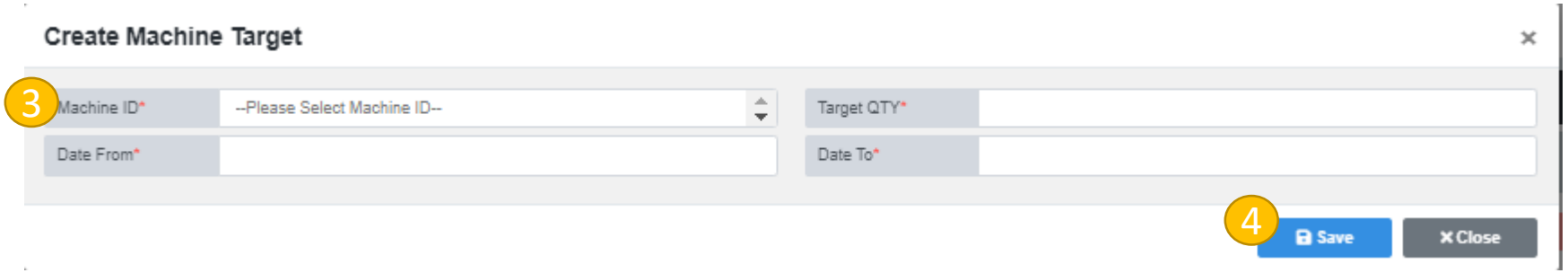




1. Click Previously Tab to display previous data
2. Select row to enable Hold button above
3. Click Hold button to popup display message
4. You can choose Yes or No
    - Click Yes to Move the data in On Hold
    - Click No to go back from the display data

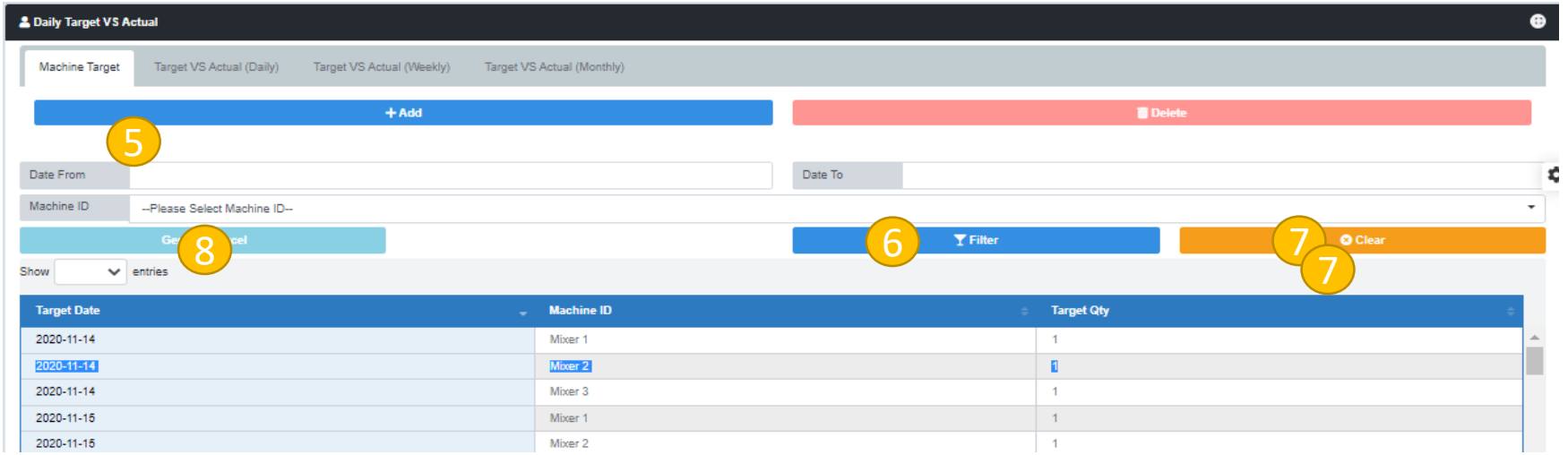
DAILY TARGET vs ACTUAL (Add New Data in Machine Target Tab)





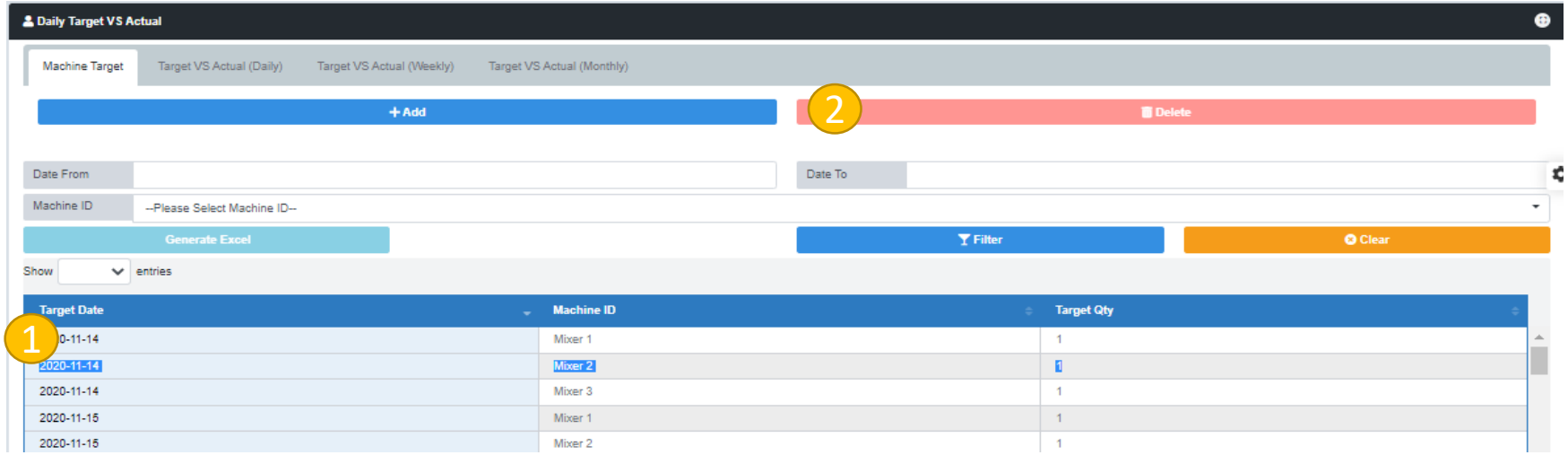
1. Click Tab Machine Target to show the display design of Machine Target
2. Click Add button to show modal display
3. Fill up all required information
4. Click Save button to enroll new data

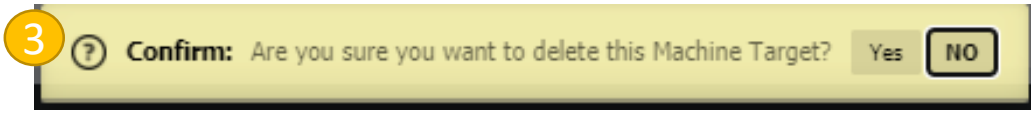
DAILY TARGET vs ACTUAL (Add New Data in Machine Target Tab)



5. Fill fields you want search
6. Click Filter button to search data from Step 5 and to enabled the Generation of Excel Button
7. Click Clear button to clear data field in Step 5
8. Click Generate Excel Button to generate data you selected

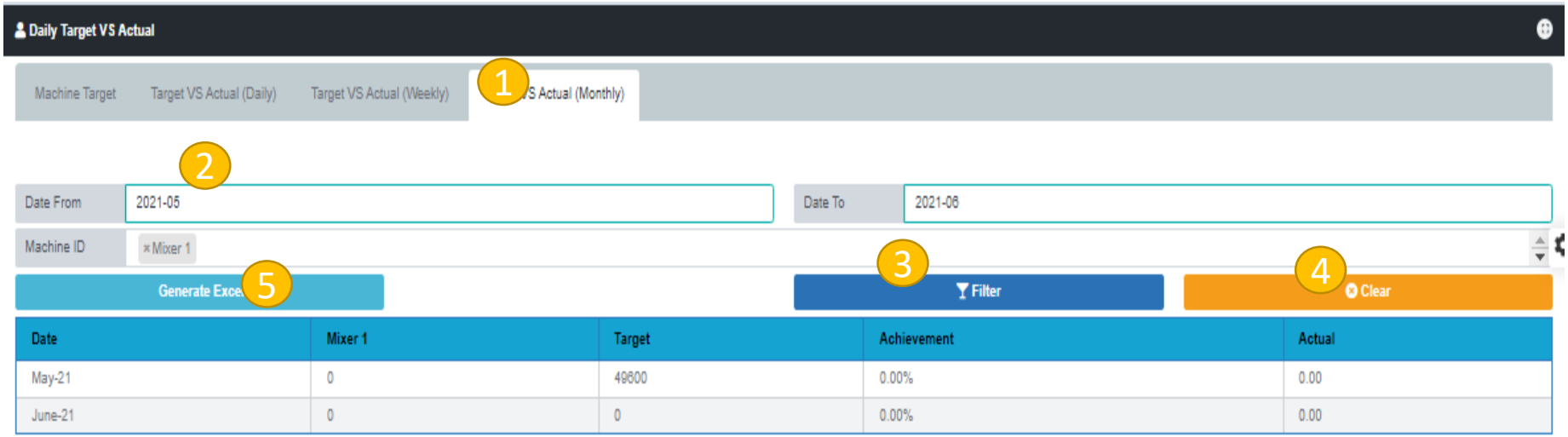
DAILY TARGET vs ACTUAL (Delete Data in Machine Target)





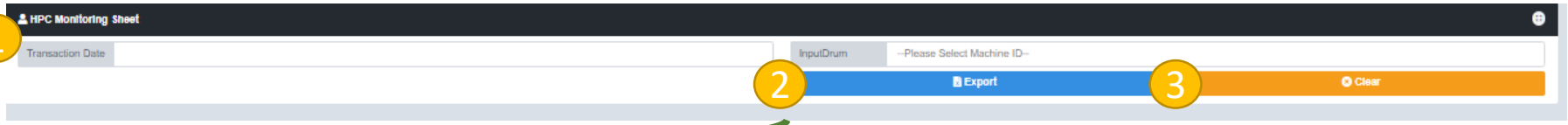
1. Select row to enable Hold button above
2. Click Hold button to popup display message
3. You can choose Yes or No
    - Click Yes to Move the data in On Hold
    - Click No to go back from the display data

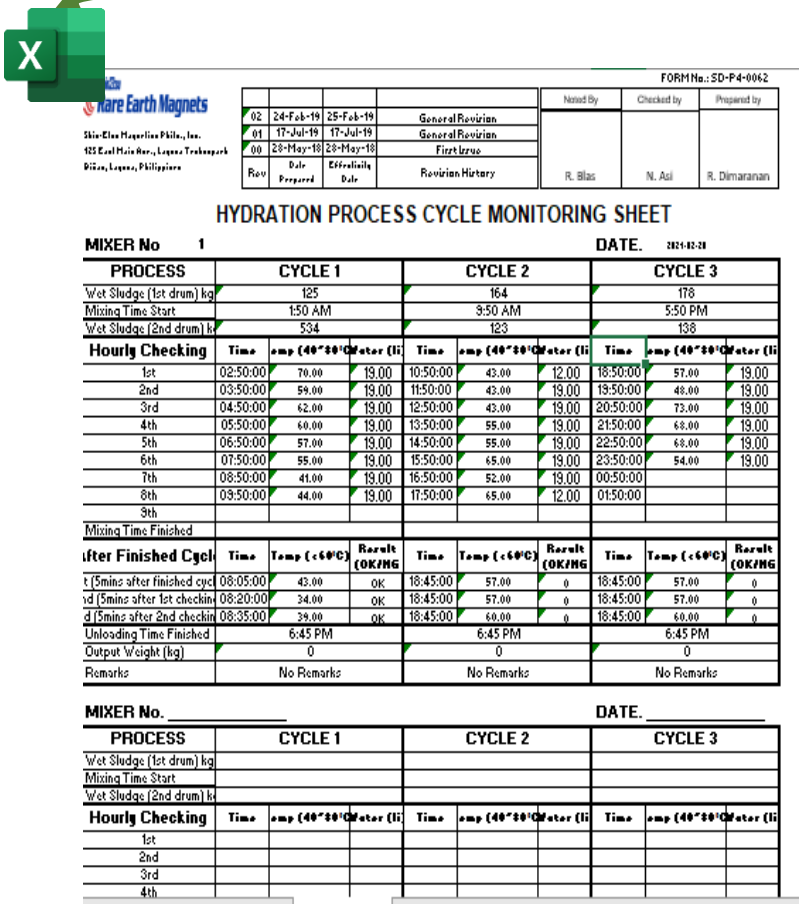
DAILY TARGET vs ACTUAL (Filter Data from Target vs Actual (Monthly))



1. Click Tab Monthly Target to show the display design of Target vs Actual (Monthly)
2. Fill all fields
3. Click Filter to Display all data and condition also can enabled the Generate Excel Button
4. Click Clear button to remove Machine selected in Step 2
5. Click Generate Excel Button to generate all data and create excel file

REPORTS (HPC Monitoring Sheet)





FORM No.: SD-P4-0062

Rev	Date Prepared	Effectivity Date	Revision History	Noted By	Checked by	Prepared by
02	24-Feb-19	25-Feb-19	General Revision			
01	17-Jul-19	17-Jul-19	General Revision			
00	28-May-18	28-May-18	First Issue			
				R. Blas	N. Asi	R. Dimaranan

Rare Earth Magnets

Shin-Etsu Magnetics Phils., Inc.
125 East Main Ave., Laguna Technopark
Biñan, Laguna, Philippines

HYDRATION PROCESS CYCLE MONITORING SHEET

MIXER No 1 DATE. 2021-02-28

PROCESS	CYCLE 1			CYCLE 2			CYCLE 3		
Wet Sludge (1st drum) kg	125			164			178		
Mixing Time Start	1:50 AM			9:50 AM			5:50 PM		
Wet Sludge (2nd drum) kg	534			123			138		
Hourly Checking	**Time**	**Temp (40~50°C)**	**Water (li**	**Time**	**Temp (40~50°C)**	**Water (li**	**Time**	**Temp (40~50°C)**	**Water (li**
1st	02:50:00	70.00	19.00	10:50:00	43.00	12.00	18:50:00	57.00	19.00
2nd	03:50:00	59.00	19.00	11:50:00	43.00	19.00	19:50:00	48.00	19.00
3rd	04:50:00	62.00	19.00	12:50:00	43.00	19.00	20:50:00	73.00	19.00
4th	05:50:00	60.00	19.00	13:50:00	55.00	19.00	21:50:00	68.00	19.00
5th	06:50:00	57.00	19.00	14:50:00	55.00	19.00	22:50:00	68.00	19.00
6th	07:50:00	55.00	19.00	15:50:00	65.00	19.00	23:50:00	54.00	19.00
7th	08:50:00	41.00	19.00	16:50:00	52.00	19.00	00:50:00		
8th	09:50:00	44.00	19.00	17:50:00	65.00	12.00	01:50:00		
9th									
Mixing Time Finished									
ıfter Finished Cycl	**Time**	**Temp (<60°C)**	**Result (OK/NG**	**Time**	**Temp (<60°C)**	**Result (OK/NG**	**Time**	**Temp (<60°C)**	**Result (OK/NG**
t (5mins after finished cyc	08:05:00	43.00	OK	18:45:00	57.00	0	18:45:00	57.00	0
d (5mins after 1st checkin	08:20:00	34.00	OK	18:45:00	57.00	0	18:45:00	57.00	0
d (5mins after 2nd checkin	08:35:00	39.00	OK	18:45:00	60.00	0	18:45:00	60.00	0
Unloading Time Finished	6:45 PM			6:45 PM			6:45 PM		
Output Weight (kg)	0			0			0		
Remarks	No Remarks			No Remarks			No Remarks		

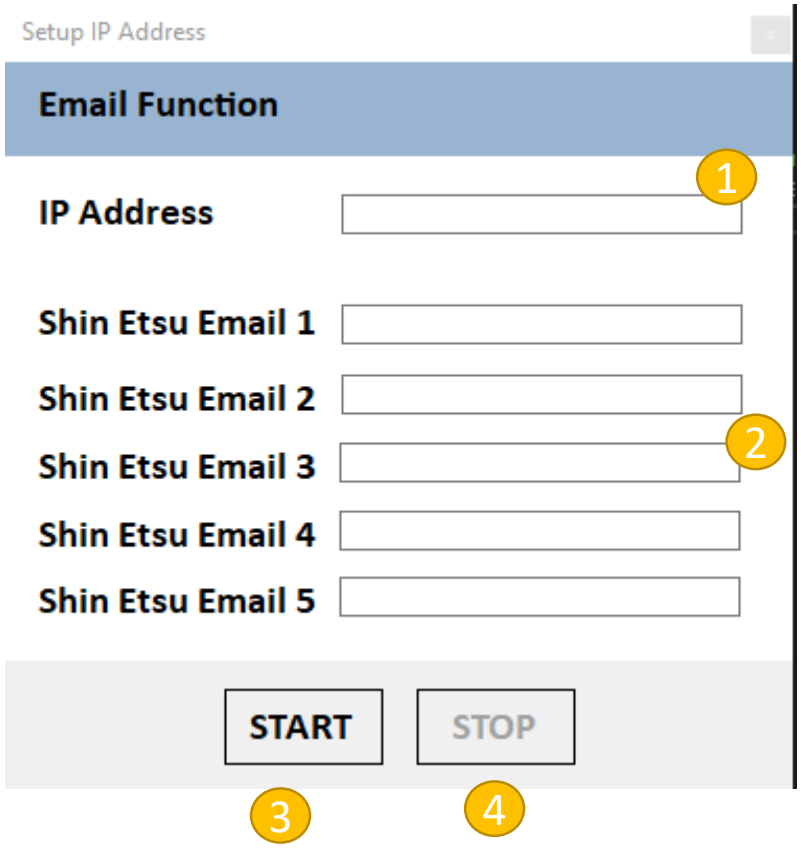
MIXER No. _____ DATE. _____

PROCESS	CYCLE 1			CYCLE 2			CYCLE 3		
Wet Sludge (1st drum) kg									
Mixing Time Start									
Wet Sludge (2nd drum) kg									
Hourly Checking	**Time**	**Temp (40~50°C)**	**Water (li**	**Time**	**Temp (40~50°C)**	**Water (li**	**Time**	**Temp (40~50°C)**	**Water (li**
1st									
2nd									
3rd									
4th									

Example output generated excel

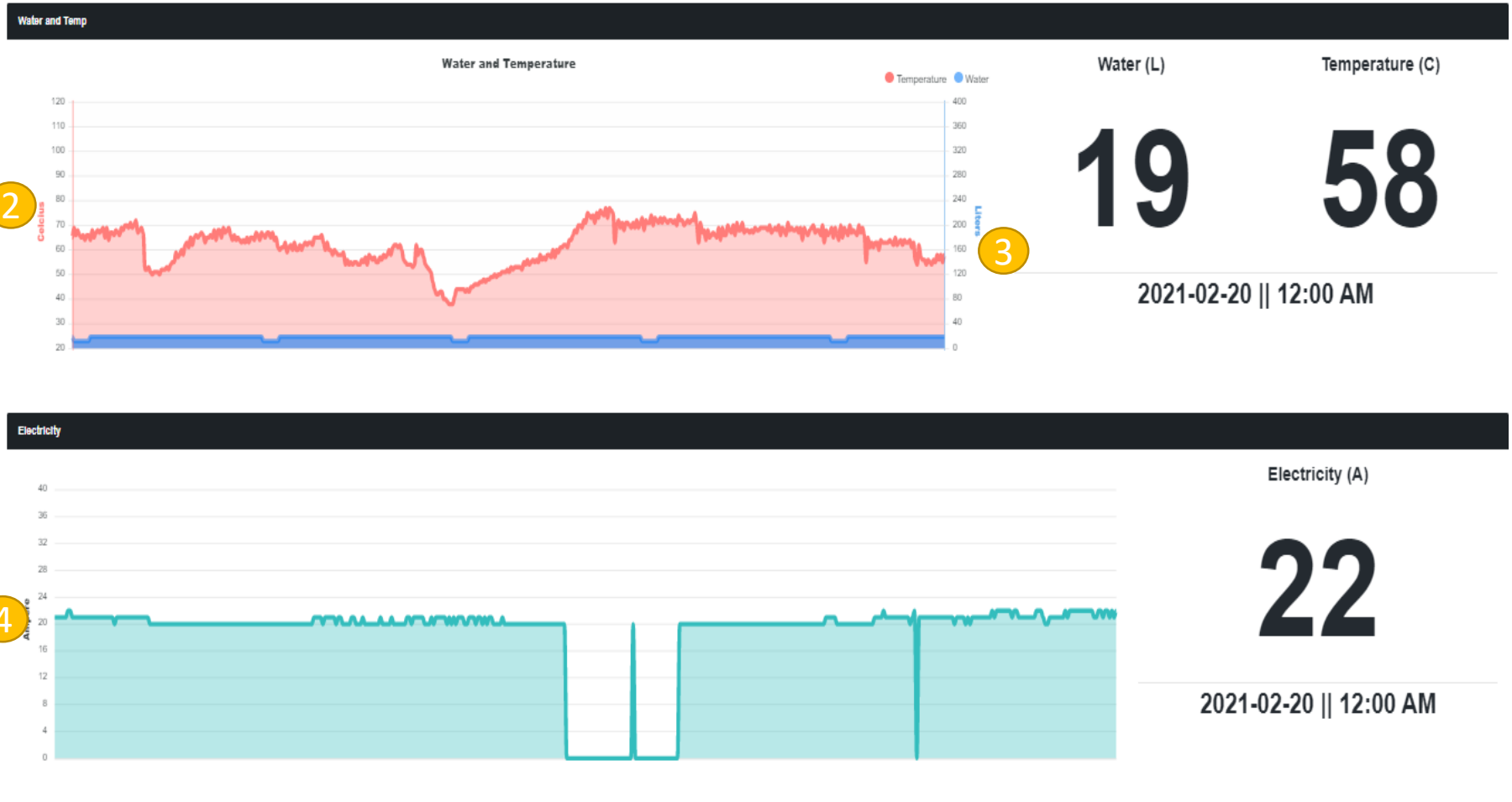
1. Fill all fields you to generate data
2. Click Export to get and generate excel file. This file is contain transaction in Hydration Process all data you filled on every fields is included here in excel file
3. Click button to clear filled data in Step 1

EMAIL NOTIFICATION



1. Fill IP address you want to ping
2. Set Email to send all notification during checking of data
3. Click Start to start checking of condition in every 5 minutes
4. Click Stop to stop transaction

Real Time Viewing



1. In login form click Monitor button to proceed in Viewing of data
2. This side of scale is represent the data of Temperature
3. This side of scale is represent the data of Water
4. This side of scale is represent the data of Electricity