

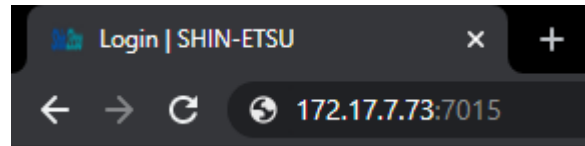
SHIN-ETSU MAGNETICS PHILIPPINES INC.

AUTOMATIC CONTROL & MONITORING SYSTEM
USER MANUAL



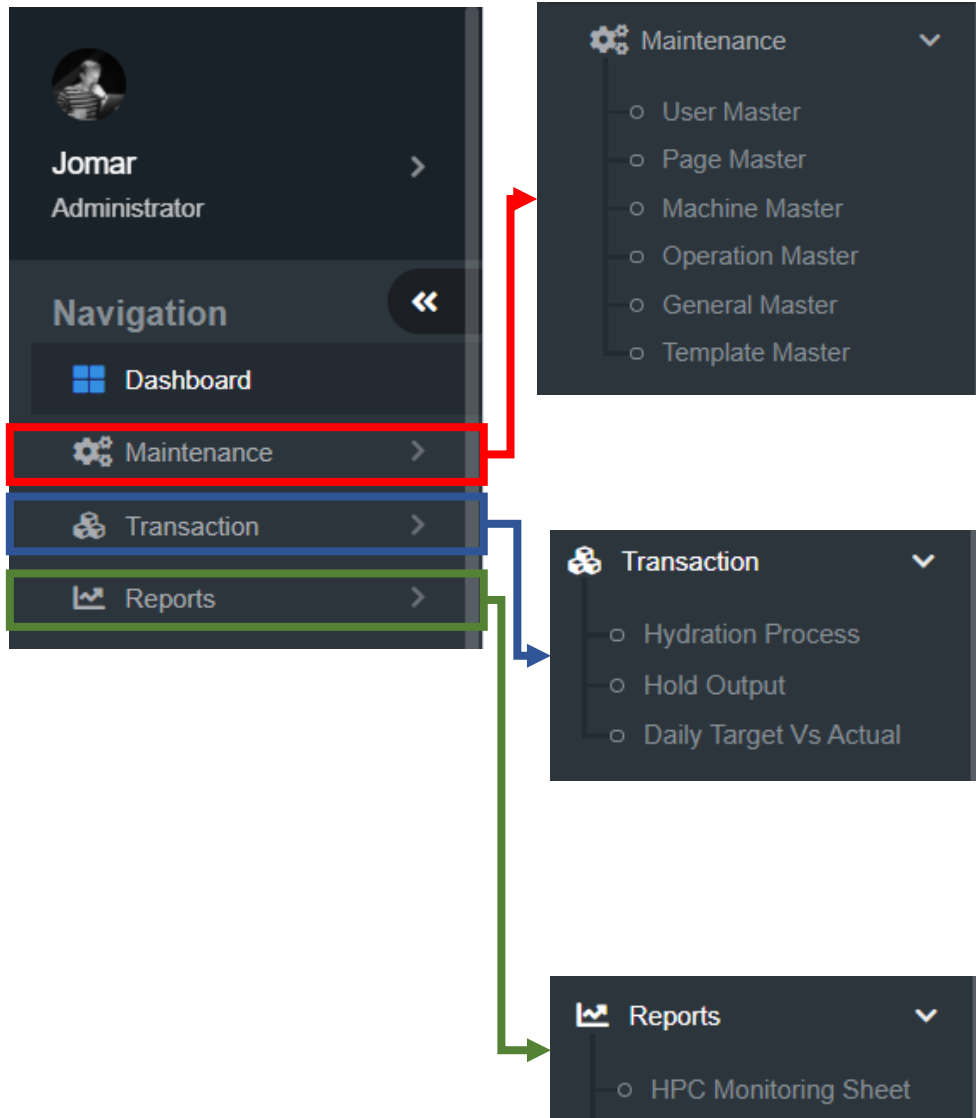
SEIKO IT SOLUTION PHILIPPINES INC.

- 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

A screenshot of the ShinEtsu login page. At the top is the 'ShinEtsu' logo in blue and green. Below the logo are two input fields: 'UserName' and 'Password'. At the bottom are two blue buttons: 'Sign me in' and 'Monitor'. The footer text reads '© SHIN-ETSU 2020'.



- 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

The screenshot shows the 'User Master' interface. At the top, there is a dark header bar with a user icon and the text 'User Master'. Below this is a toolbar with four buttons: '+ Add' (blue), 'Edit' (light blue), 'Delete' (red), and 'Access' (blue). Below the toolbar, there is a search bar with the text 'Show 25 entries' and a search input field. Below the search bar, there is a table with two columns: 'Username' and 'Name'. The table contains one row with the values 'Jomar' and 'Jomar Perez'.

2

The screenshot shows the 'Create User' modal form. The modal has a title bar with the text 'Create User' and a close button (X). Below the title bar, there are five input fields: 'Username*' (with a red asterisk), 'Password*' (with a red asterisk and a random password button icon), 'First Name*', 'Last Name*', and 'Role*' (with a dropdown menu showing '--Please Select--'). At the bottom right of the modal, there are two buttons: 'Save' (blue) and 'Close' (grey). A yellow circle with the number 3 is next to the random password button icon.

3

4

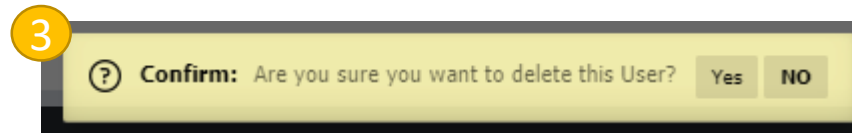
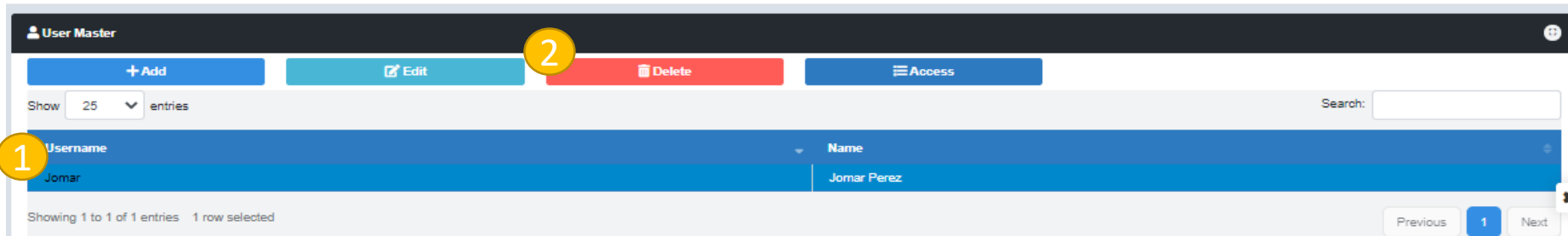
1. Click add button to popup display modal
2. Fill up all required information
3. Click button to get random password
4. Click save to enroll new data in System

USER MASTER (Edit User Data)

The screenshot displays the 'User Master' interface. At the top, there's a header bar with a user icon and the title 'User Master'. Below this is a toolbar with buttons: '+ Add' (blue), 'Edit' (light blue, highlighted with a yellow circle 2), 'Delete' (red), and 'Access' (blue). A search bar is on the right. Below the toolbar is a table with columns 'Username' and 'Name'. The first row contains 'Jomar' and 'Jomar Perez'. A yellow circle 1 is on the 'Username' column header. Below the table, it says 'Showing 1 to 1 of 1 entries 1 row selected'. At the bottom right of the table area are 'Previous', '1', and 'Next' buttons. Below the table is a modal form titled 'Update User' with a close button (X). The form has five fields: 'Username*' (Jomar), 'First Name*' (Jomar), 'Role*' (Custom dropdown), 'Password*' (123456, with a random password icon highlighted by a yellow circle 4), and 'Last Name*' (Perez). At the bottom right of the modal are 'Update' (blue) and 'Close' (grey) buttons. A yellow circle 5 is on the 'Update' button.

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

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)

The screenshot shows the 'User Master' interface. At the top, there's a header bar with 'User Master' and a user icon. Below it, a toolbar contains '+ Add', 'Edit', 'Delete', and 'Access' buttons. A search bar is on the right. A table lists users, with the first row selected (highlighted in blue). Below the table, a modal window titled 'User Access' is open. It has tabs for 'Common', 'Maintenance', 'Transaction', and 'Reports'. The 'Maintenance' tab is active, showing a list of sections and their associated pages. Each page has radio buttons for 'Read Only', 'Read & Write', and 'Delete'. At the bottom of the modal are 'Save' and 'Close' buttons.

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)

The screenshot displays the 'Machine Master' application interface. At the top, there is a header bar with the title 'Machine Master' and a user icon. Below the header, there are three buttons: '+ Add' (blue), 'Edit' (light blue), and 'Delete' (red). A yellow circle with the number '1' is placed over the '+ Add' button. Below the buttons, there is a search bar and a 'Show 25 entries' dropdown. A table with two columns, 'Machine Name' and 'Status', is shown. The table contains three rows: 'Mixer 1', 'Mixer 2', and 'Mixer 3', all with a status of 'Active'. Below the table, a 'Create Machine' modal form is displayed. The form has a title bar with a close button. It contains two input fields: 'Machine Name*' (with a yellow circle '2' over it) and 'Active*' (with a dropdown menu showing '--Please Select--'). At the bottom right of the modal, there are two buttons: 'Save' (blue) and 'Close' (grey). A yellow circle with the number '3' is placed over the 'Save' button.

Machine Name	Status
Mixer 1	Active
Mixer 2	Active
Mixer 3	Active

Create Machine

Machine Name*

Active*

--Please Select--

Save

Close

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)

The screenshot displays the 'Machine Master' web application interface. At the top, there is a header bar with a user icon and the text 'Machine Master'. Below the header, there are three buttons: '+ Add' (blue), 'Edit' (light blue, labeled with a yellow circle '2'), and 'Delete' (red). A search bar is located on the right side of the header. Below the buttons, there is a table with two columns: 'Machine Name' and 'Status'. The table contains three rows: 'Mixer 1', 'Mixer 2', and 'Mixer 3', all with a status of 'Active'. The first row is highlighted in blue, and a yellow circle '1' is placed next to it. Below the table, there is a modal window titled 'Edit Machine' (labeled with a yellow circle '3'). The modal contains two input fields: 'Machine Name*' with the value 'Mixer 1' and 'Active*' with a dropdown menu showing 'Active'. At the bottom of the modal, there are two buttons: 'Update' (blue, labeled with a yellow circle '4') and 'Close' (grey).

Machine Name	Status
Mixer 1	Active
Mixer 2	Active
Mixer 3	Active

Edit Machine

Machine Name* Mixer 1

Active* Active

Update Close

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)

The screenshot shows the 'Machine Master' interface. At the top, there are three buttons: '+ Add' (blue), 'Edit' (light blue), and 'Delete' (red). Below these is a table with columns 'Machine Name' and 'Status'. The table contains three rows: 'Mixer 1', 'Mixer 2', and 'Mixer 3', all with a status of 'Active'. A yellow circle with the number '1' is next to the first row. A yellow circle with the number '2' is next to the 'Delete' button. Below the table, a yellow confirmation popup is displayed with the text 'Confirm: Are you sure you want to delete this Machine?' and two buttons: 'Yes' and 'NO'. A yellow circle with the number '3' is next to the confirmation message.

Machine Name	Status
Mixer 1	Active
Mixer 2	Active
Mixer 3	Active

Confirm: Are you sure you want to delete this Machine? Yes NO

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)

The screenshot displays the 'Operation Master' application interface. At the top, there is a header bar with a user icon and the title 'Operation Master'. Below this is a toolbar with three buttons: '+ Add' (blue), 'Edit' (light blue), and 'Delete' (red). A search bar is located on the right side of the toolbar. Below the toolbar is a table with three columns: 'Process', 'Cycle', and 'Status'. The table contains three rows of data. A yellow circle with the number '1' is placed over the '+ Add' button. Below the table, a 'Create Operation' modal is shown. The modal has a title bar with a close button. It contains three input fields: 'Process*' (text input), 'Cycle*' (text input), and 'Active*' (dropdown menu with '--Please Select--' as the selected option). A yellow circle with the number '2' is placed over the 'Process*' input field. At the bottom right of the modal, there are two buttons: 'Save' (blue) and 'Close' (grey). A yellow circle with the number '3' is placed over the 'Save' button.

Process	Cycle	Status
Actual Temp	5	Active
Fe Cl Input	3	Active
Fe Cl Input	0	Active

Create Operation

Process*

Cycle*

Active* --Please Select--

Save Close

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)

The screenshot displays the 'Operation Master' interface. At the top, there are three buttons: '+ Add' (blue), 'Edit' (light blue, labeled with a yellow circle 2), and 'Delete' (red). Below these buttons, there is a 'Show' dropdown set to '25' and a 'Search' input field. A table with three columns: 'Process', 'Cycle', and 'Status' is shown. The first row is highlighted in blue (labeled with a yellow circle 1) and contains 'Actual Temp', '5', and 'Active'. The second and third rows are 'Fe Cl Input' with cycles '3' and '8' respectively, both with 'Active' status. Below the table, an 'Edit Operation' modal is open. It contains two rows of input fields: 'Process*' with 'Actual Temp' and 'Cycle*' with '5'. Below these, there is a row with 'Active*' and a dropdown menu showing 'Active'. At the bottom right of the modal, there are two buttons: 'Update' (blue, labeled with a yellow circle 4) and 'Close' (grey). A yellow circle 3 is placed over the 'Process' input field.

Process	Cycle	Status
Actual Temp	5	Active
Fe Cl Input	3	Active
Fe Cl Input	8	Active

Edit Operation

Process* Actual Temp Cycle* 5

Active* Active

Update Close

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

OPERATION MASTER (Delete)

The screenshot shows the 'Operation Master' interface. At the top, there are buttons for '+Add', 'Edit', and 'Delete' (highlighted with a yellow circle '2'). Below these is a search bar and a 'Show 25 entries' dropdown. A table with three columns: 'Process', 'Cycle', and 'Status' is displayed. The first row is highlighted in blue and has a yellow circle '1' next to it. The table contains the following data:

Process	Cycle	Status
Actual Temp	5	Active
Fe Cl Input	3	Active
Fe Cl Input	8	Active

Below the table, a yellow confirmation dialog is shown with a yellow circle '3' next to it. The dialog text is: 'Confirm: Are you sure you want to delete this Operation?'. It has two buttons: 'Yes' and 'NO' (highlighted with a black border).

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

Hydration Process					
+ Add		Edit		Delete	
Show	25	entries	Search: <input type="text"/>		
Mixer No	Cycle	Process Date	Production Staff	Process Code	Remarks
Mixer 1	Cycle 1	03/18/2021	Jomar Perez	20210318-Mixer 1-Cycle 1	
Mixer 3	Cycle 1	03/31/2021	Jomar Perez	20210331-Mixer 3-Cycle 1	
Mixer 1	Cycle 1	11/13/2020	Jomar Perez	20201113-Mixer 1-Cycle 1	asd
Mixer 1	Cycle 1	10/25/2020	Jomar Perez	20201125-Mixer 1-Cycle 1	

1. Click add button to popup display modal

HYDRATION PROCESS (Add New Process)

2

Create Hydration

Mixer No* --Please Select--

Process Date*

Process Code

Cycle* --Please Select--

Production Shift* --Please Select--

Template Template 1

Process

Process List

Process List	Process Date
Wet Sludge (1st Drum)	
Mixing Time Start	8:45 PM 0
Wet Sludge (2nd Drum)	

Summary

Unloading Time Finished 8:45 PM 0

Output Weight (kg)

Total Cycle Time

Total Water Input

Output Result

After Finished Cycle

After Finished Cycle	Time	Temp	Result (ORNG)
1 (Before After Finished Cycle)	8:45 PM 0		
2 (Before After 1 Finished Cycle)	8:45 PM 0		
3 (Before After 2 Finished Cycle)	8:45 PM 0		
4 (Before After 3 Finished Cycle)	8:45 PM 0		
5 (Before After 4 Finished Cycle)	8:45 PM 0		
6 (Before After 5 Finished Cycle)	8:45 PM 0		
7 (Before After 6 Finished Cycle)	8:45 PM 0		
8 (Before After 7 Finished Cycle)	8:45 PM 0		
9 (Before After 8 Finished Cycle)	8:45 PM 0		
10 (Before After 9 Finished Cycle)	8:45 PM 0		

Hourly Checking

Hourly Checking	Time	Temp (90-75 C)	Water (L)
1	8:45 PM 0		
2	8:45 PM 0		
3	8:45 PM 0		
4	8:45 PM 0		
5	8:45 PM 0		
6	8:45 PM 0		
7	8:45 PM 0		
8	8:45 PM 0		

Remarks

4

3

Save Close

- 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.
- Click to save data above.
- Click complete button if the transaction data is already completed.

HYDRATION PROCESS (Edit Transaction)

Hydration Process

+ Add

2 Edit

Delete

Show 25 entries Search:

Mixer No	Cycle	Process Date	Production Staff	Process Code	Remarks
Mixer 1	Cycle 1	03/18/2021	Jomar Perez	20210318-Mixer 1-Cycle 1	
Mixer 3	Cycle 1	03/31/2021	Jomar Perez	20210331-Mixer 3-Cycle 1	
Mixer 1	Cycle 1	11/13/2020	Jomar Perez	20201113-Mixer 1-Cycle 1	asd
Mixer 1	Cycle 1	10/25/2020	Jomar Perez	20201125-Mixer 1-Cycle 1	
Mixer 2	Cycle 1	11/13/2020	Jomar Perez	20201123-Mixer 2-Cycle 1	
Mixer 1	Cycle 1	12/08/2020	Jomar Perez	20201208-MACHINE 1-Cycle 1	
Mixer 1	Cycle 1	01/14/2021	Jomar Perez	20210114-Mixer 1-Cycle 1	
Mixer 1	Cycle 1	01/13/2021	Jomar Perez	20210113-Mixer 1-Cycle 1	
Mixer 1	Cycle 1	02/19/2021	Jomar Perez	20210219-Mixer 1-Cycle 1	
Mixer 1	Cycle 1	02/20/2021	Jomar Perez	20210220-Mixer 1-Cycle 1	
Mixer 1	Cycle 1	03/26/2021	Jomar Perez	20210326-Mixer 1-Cycle 1	
Mixer 3	Cycle 1	02/20/2021	Jomar Perez	20210220-Mixer 3-Cycle 1	

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 Hydration
X

Mixer No* Mixer 1

Process Date* 02/20/2021

Process Code 20210220-Mixer 1-Cycle 1

Cycle* Cycle 1

Production Staff* Jomar Perez

Template Template 1

Process

Process List	Process Data
Wet Sludge (1st Drum)	125
Wet Sludge (2nd Drum)	554
Mixing Time Start	1:50 AM

Summary

Unloading Time Finished 6:45 PM

Output Weight (kg) 0

Total Cycle Time 6:15

Total Water Input 154

Output Result 0

After Finished Cycle

After Finished Cycle	Time	Temp	Result (OK/NG)
1 (Series After Finished Cycle)	7:55 AM	43.00	OK
2 (Series After 1 Finished Cycle)	8:00 AM	34.00	OK
3 (Series After 2 Finished Cycle)	8:05 AM	39.00	OK

Hourly Checking

Hourly Checking	Time	Temp (40-75 C)	Water (L)
1	2:50 AM	70.00	10.00
2	3:50 AM	59.00	10.00
3	4:50 AM	62.00	10.00
4	5:50 AM	66.00	10.00
5	6:50 AM	57.00	10.00
6	7:50 AM	55.00	10.00
7	8:50 AM	41.00	10.00
8	9:50 AM	44.00	10.00

Remarks

Completed
4
Update
X Close

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)

Hold Output Process

On Hold

Previously Hold

1

+ Add

Edit

Delete

Un Hold

Transaction Date

Process Code

Mixer No

Cycle No

Output WT (KG)

Filter

Clear

Show

25

entries

Transaction Date	Process Code	Mixer ID	Cycle No	Output WT
08-11-2020	20201112-Mixer 3-Cycle 2	Mixer 3	Cycle 2	63.00
13-05-2021	20210518-Mixer 1-Cycle 1	Mixer 1	Cycle 1	0.00
26-05-2021	20210519-Mixer 3-Cycle 1	Mixer 3	Cycle 1	0.00

1. Click add button to popup display modal

HOLD OUTPUT PROCESS (Add New Hold Transaction)

Create HoldOutput Process

×

2

Transaction Date*

Process Code*

--Please Select--

▼

Mixer No

Cycle No

Output WT (KG)

3

Save

×

Close

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

HOLD OUTPUT PROCESS (Edit Data and Filter Data)

Hold Output Process

On Hold

Previously Hold

+ Add

2 Edit

Delete

Un Hold

Transaction Date

Process Code

Mixer No

Output WT (KG)

--Please Select--

--Please Select--

--Please Select--

3 Filter

Clear

Show 25 entries

Transaction Date	Process Code	Mixer ID	Cycle No	Output WT
1	20201112-Mixer 3-Cycle 2	Mixer 3	Cycle 2	63.00
13-05-2021	20210518-Mixer 1-Cycle 1	Mixer 1	Cycle 1	0.00
25-05-2021	20210519-Mixer 3-Cycle 1	Mixer 3	Cycle 1	0.00

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)

Edit HoldOutput Process ✕

4

Transaction Date*	2020-11-08	Process Code*	20201112-Mixer 3-Cycle 2 ✕ ▼
Mixer No	Mixer 3	Cycle No	Cycle 2
Output WT (KG)	63.00		

5 **Update** **✕ Close**

Process Code: ..Please Select..

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

HOLD OUTPUT PROCESS (Delete Data)

Hold Output Process

On Hold

Previously Hold

+ Add

Edit

2 Delete

Un Hold

Transaction Date

Mixer No

Output WT (KG)

Process Code

Cycle No

Filter

Clear

Show 25 entries

Transaction Date	Process Code	Mixer ID	Cycle No	Output WT
08-11-2020	20201112-Mixer 3-Cycle 2	Mixer 3	Cycle 2	83.00
03-05-2021	20210518-Mixer 1-Cycle 1	Mixer 1	Cycle 1	0.00
25-05-2021	20210519-Mixer 3-Cycle 1	Mixer 3	Cycle 1	0.00

3 ? **Confirm:** Are you sure you want to delete this HoldOutput Process? Yes NO

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)

Hold Output Process

On Hold

Previously Hold

+ Add

Edit

Delete

Un Hold

Transaction Date

Process Code

Mixer No

Cycle No

Output WT (KG)

Filter

Clear

Show

25

entries

Transaction Date	Process Code	Mixer ID	Cycle No	Output WT
2020-11-2020	20201112-Mixer 3-Cycle 2	Mixer 3	Cycle 2	83.00
2021-05-2021	20210518-Mixer 1-Cycle 1	Mixer 1	Cycle 1	0.00
2021-05-2021	20210519-Mixer 3-Cycle 1	Mixer 3	Cycle 1	0.00

3

?

Confirm:

Are you sure you want to Un Hold this HoldOutput Process?

Yes

NO

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)

Hold Output Process

On Hold

Previously

3

Hold

Transaction Date

Process Code

Mixer No

Output WT (KG)

Cycle No

Filter

Clear

Show

25

entries

Transaction Date	Process Code	Mixer ID	Cycle No	Output WT
11-11-2020	20201113-Mixer 1-Cycle 1	Mixer 1	Cycle 1	34.00
12-11-2020	20201128-Mixer 3-Cycle 2	Mixer 3	Cycle 2	43.00
13-11-2020	20201112-Mixer 3-Cycle 2	Mixer 3	Cycle 2	63.00
31-06-2021	20210518-Mixer 1-Cycle 1	Mixer 1	Cycle 1	0.00

4

Confirm: Are you sure you want to Un Hold this HoldOutput Process?

Yes

No

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)

The screenshot shows the 'Daily Target VS Actual' interface. At the top, there are tabs: 'Machine Target' (highlighted with a yellow circle 1), 'Target VS Actual (Daily)', 'Target VS Actual (Weekly)', and 'Target VS Actual (Monthly)'. Below the tabs are two buttons: a blue '+ Add' button (highlighted with a yellow circle 2) and a red 'Delete' button. Further down are input fields for 'Date From', 'Date To', and 'Machine ID' (with a dropdown menu showing '--Please Select Machine ID--'). Below these are three buttons: 'Generate Excel', 'Filter', and 'Clear'. A 'Show' dropdown is set to 'entries'. A table displays target data with columns 'Target Date', 'Machine ID', and 'Target Qty'. The table has five rows of data. Below the table is a modal window titled 'Create Machine Target' (highlighted with a yellow circle 3). It contains input fields for 'Machine ID*' (dropdown), 'Target QTY*', 'Date From*', and 'Date To*'. At the bottom right of the modal are 'Save' and 'Close' buttons, with the 'Save' button highlighted by a yellow circle 4.

Target Date	Machine ID	Target Qty
2020-11-14	Mixer 1	1
2020-11-14	Mixer 2	1
2020-11-14	Mixer 3	1
2020-11-15	Mixer 1	1
2020-11-15	Mixer 2	1

Create Machine Target

Machine ID* --Please Select Machine ID--

Target QTY*

Date From*

Date To*

Save Close

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)

The screenshot shows the 'Daily Target VS Actual' interface. At the top, there are tabs for 'Machine Target', 'Target VS Actual (Daily)', 'Target VS Actual (Weekly)', and 'Target VS Actual (Monthly)'. Below the tabs, there are two main buttons: a blue '+ Add' button (callout 5) and a red 'Delete' button. Below these buttons are two input fields: 'Date From' and 'Date To'. Below the 'Date From' field is a 'Machine ID' dropdown menu with the text '--Please Select Machine ID--'. Below the 'Machine ID' dropdown is a 'Generate Excel' button (callout 8). Below the 'Generate Excel' button is a 'Show' dropdown menu with the text 'entries'. Below the 'Show' dropdown menu is a table with three columns: 'Target Date', 'Machine ID', and 'Target Qty'. The table contains five rows of data. The first row is highlighted in blue. The second row is highlighted in blue and has a blue 'i' icon next to the 'Machine ID' value. The third row is highlighted in blue. The fourth row is highlighted in blue. The fifth row is highlighted in blue. Below the table are two buttons: a blue 'Filter' button (callout 6) and an orange 'Clear' button (callout 7). There is also a yellow callout 7 near the 'Clear' button.

Target Date	Machine ID	Target Qty
2020-11-14	Mixer 1	1
2020-11-14	Mixer 2	1
2020-11-14	Mixer 3	1
2020-11-15	Mixer 1	1
2020-11-15	Mixer 2	1

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)

The screenshot displays the 'Daily Target VS Actual' web application. At the top, there are tabs for 'Machine Target', 'Target VS Actual (Daily)', 'Target VS Actual (Weekly)', and 'Target VS Actual (Monthly)'. Below the tabs are two buttons: '+ Add' (blue) and 'Delete' (red). A yellow circle with the number '2' is placed over the 'Delete' button. Below these buttons are input fields for 'Date From', 'Date To', and 'Machine ID' (with a dropdown menu). There are also buttons for 'Generate Excel', 'Filter', and 'Clear'. A 'Show' dropdown is set to 'entries'. Below the input fields is a table with three columns: 'Target Date', 'Machine ID', and 'Target Qty'. A yellow circle with the number '1' is placed over the first row of the table. Below the table is a yellow confirmation dialog box with a yellow circle containing the number '3'. The dialog box contains a question mark icon, the text 'Confirm: Are you sure you want to delete this Machine Target?', and two buttons: 'Yes' and 'NO'.

Target Date	Machine ID	Target Qty
20-11-14	Mixer 1	1
2020-11-14	Mixer 2	1
2020-11-14	Mixer 3	1
2020-11-15	Mixer 1	1
2020-11-15	Mixer 2	1

3 **Confirm:** Are you sure you want to delete this 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))

Daily Target VS Actual

Machine TargetTarget VS Actual (Daily)Target VS Actual (Weekly)**Target VS Actual (Monthly)**

Date From2021-05

Date To2021-06

Machine ID✖ Mixer 1

Generate Excel

Filter

Clear

Date	Mixer 1	Target	Achievement	Actual
May-21	0	49800	0.00%	0.00
June-21	0	0	0.00%	0.00

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)

1

Transaction Date

2

Input Drum

--Please Select Machine ID--

3

Export

Clear



Rare Earth Magnets
Shin-Etsu Magnetics Phils., Inc.
102 East Main Hwy., Laguna Trunkway
Dilao, Laguna, Philippines

FORM No.: SD-F4-0062

No.	Date	Revised By	Revised Date	Revision History
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

Rev.	Date	Revised By	Revised Date	Revision History
1	2019-02-28	R. Blas	N. Asi	R. Dimaranan

HYDRATION PROCESS CYCLE MONITORING SHEET

MIXER No. 1		DATE: 2019-02-28	
PROCESS		CYCLE 1	
Wet Sludge (1st drum) kg		125	
Mixing Time Start		1:50 AM	
Wet Sludge (2nd drum) kg		534	
Hourly Checking		CYCLE 2	
1st		164	
2nd		3:50 AM	
3rd		178	
4th		5:50 PM	
5th		123	
6th			
7th			
8th			
9th			
Mixing Time Finished			
After Finished Cycle		CYCLE 3	
1 (5mins after finished cycle)		178	
2 (5mins after 1st checking)		5:50 PM	
3 (5mins after 2nd checking)		123	
Unloading Time Finished			
Output Weight (kg)			
Remarks			

MIXER No. _____		DATE: _____	
PROCESS		CYCLE 1	
Wet Sludge (1st drum) kg			
Mixing Time Start			
Wet Sludge (2nd drum) kg			
Hourly Checking		CYCLE 2	
1st			
2nd			
3rd			
4th			

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

Example output generated excel

EMAIL NOTIFICATION

Setup IP Address

Email Function

IP Address

Shin Etsu Email 1

Shin Etsu Email 2

Shin Etsu Email 3

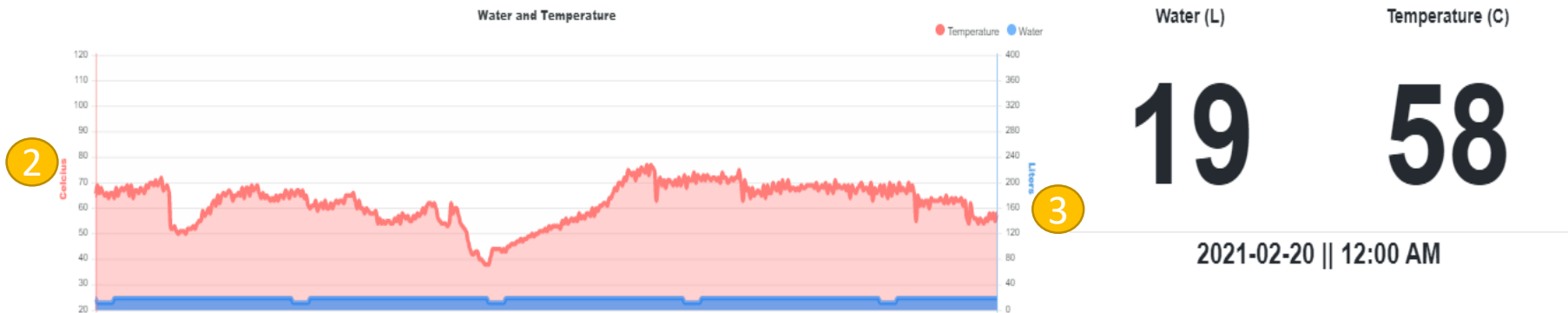
Shin Etsu Email 4

Shin Etsu Email 5

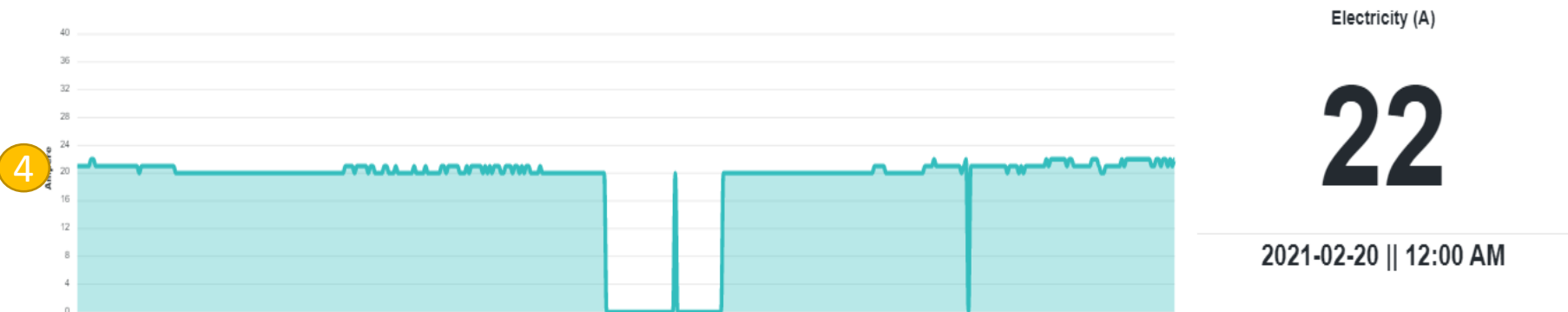
1. Fill IP address you want to ping
2. Set Email to send all notification during checking of data
3. Click Start to start checking of condition in every 5 minutes
4. Click Stop to stop transaction

Real Time Viewing

Water and Temp



Electricity



ShinEtsu

UserName

Password

1

Sign me in Monitor

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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