



SECONDARY DASHBOARD SYSTEM

Work Instruction

IT | System Group – MN. OMABTANG

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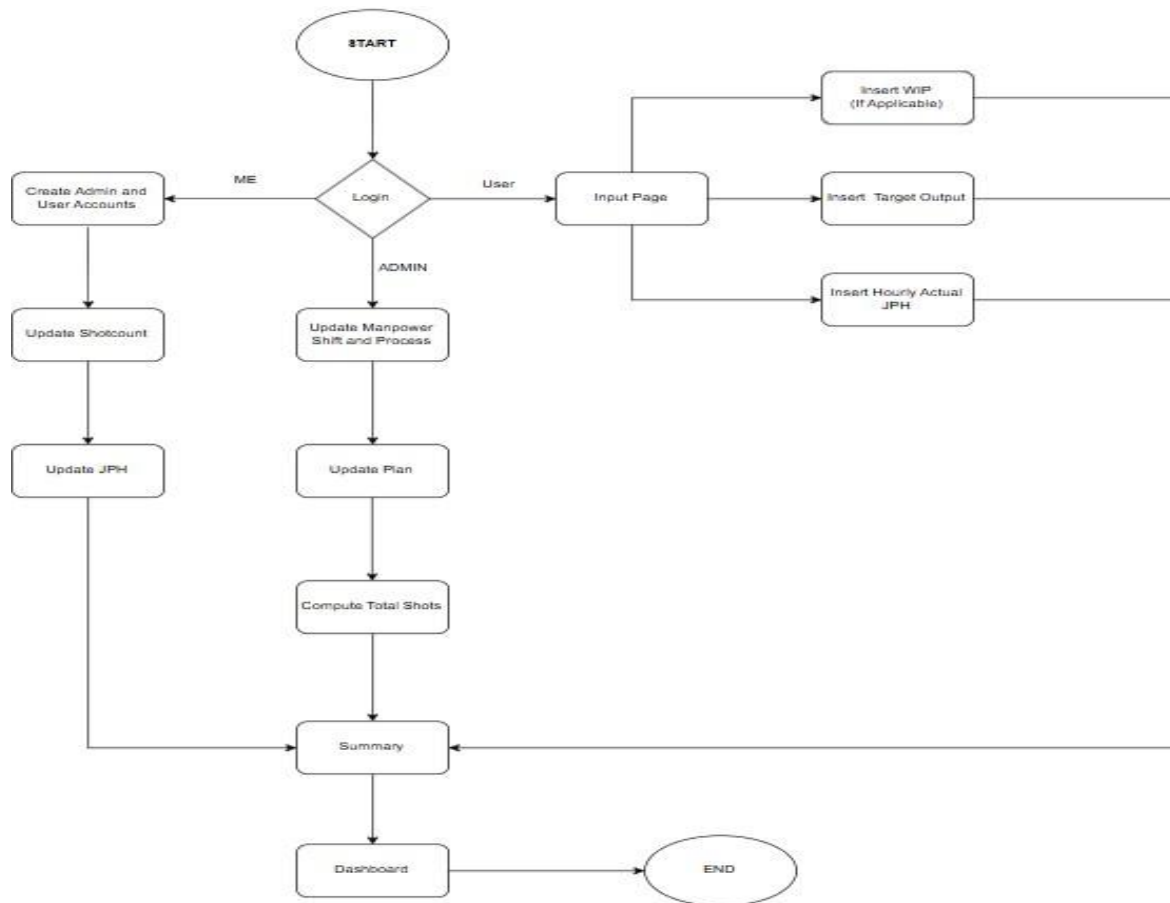
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V. DASHBOARD INTERFACE

I. SYSTEM OVERVIEW

○ Live System Link: http://172.25.116.188:3000/secondary_system/

○ Process Flow

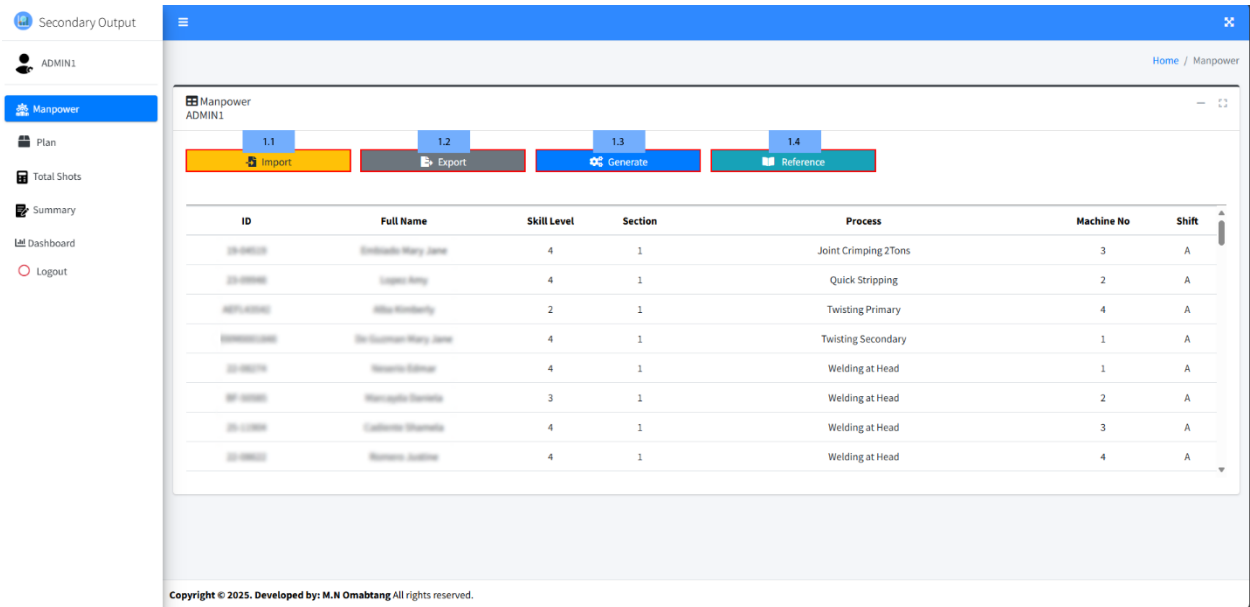


This dashboard automatically calculates the JPH and running output for each process. By analyzing these values—which are updated hourly based on user input—it becomes easier to identify whether a particular process is understaffed or producing an unusually high shot count. This real-time visibility allows the ME to make timely and informed adjustments to manpower allocation or investigate potential issues in the workflow as the system runs.

It also simplifies data input and calculations, reducing manual workload and helping prevent downtime.

ADMIN INTERFACE

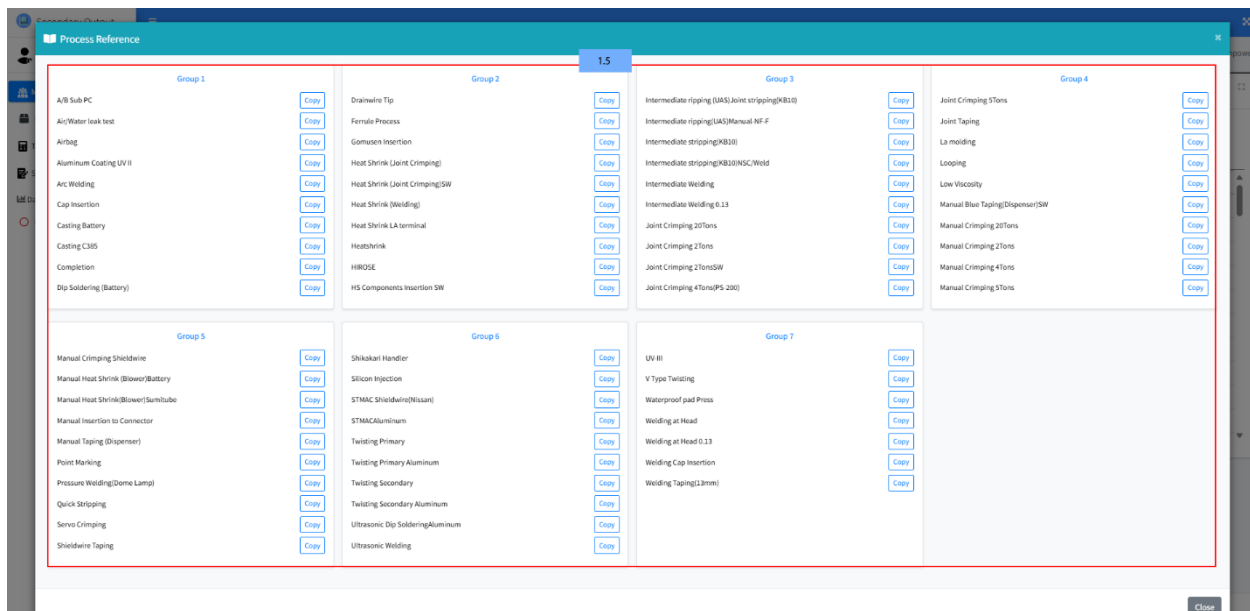
- Manpower



1.2 Export the file by clicking this button. This will export the current manpower data into a CSV file. Below is an example of what the CSV file will look like:

ID	Full Name	Skill Level	Section	Process	Machine No	Shift
20-08025	Endicade Mary Jane	4	1	Joint Crimping 2Tons	3	A
20-08046	Lopez Amy	4	1	Quick Stripping	2	A
20-08042	Alfon Kimberly	2	1	Twisting Primary	4	A
20-08040	De Guzman Mary Jane	4	1	Twisting Secondary	1	A
20-08074	Reyes Edwin	4	1	Welding at Head	1	A
20-08065	Marasigan Sharmela	3	1	Welding at Head	2	A
20-08064	Cabrera Sharmela	4	1	Welding at Head	3	A
20-08022	Reyes Judith	4	1	Welding at Head	4	A
20-08028	Endicade Mary Jane	4	1	Intermediate ripping (UAS)Joint stripping(KB10)	3	A
20-08048	Reyes Lorraine	4	1	Quick Stripping	3	A
20-08040	Argona Marlene	4	1	Point Marking	1	A
20-08047	Jose Leslie	4	1	Quick Stripping	1	A

You can modify or add a process in this section. However, if you add a new process, make sure to also include the following details: ID, Full Name, Skill Level, Section, Machine No., and Shift.

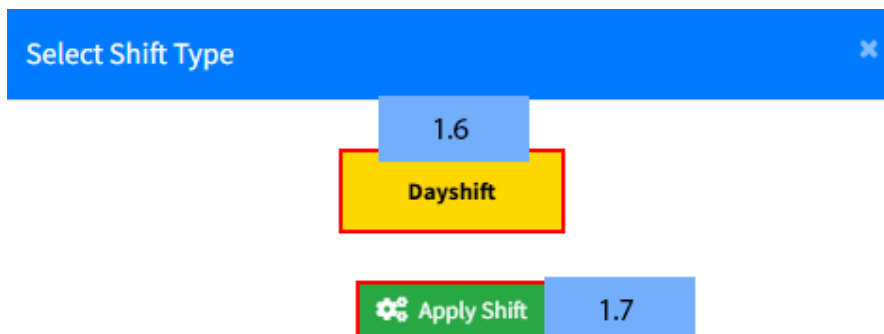


1.4 Use this to view the reference modal, which you can copy into your sheet for your process.

Important: Always use the reference from the **1.4 (Reference)**. If the process name you enter does not match the system reference, the import will fail.

1.1 After updating the CSV file, you can now import it using this **Import** button.

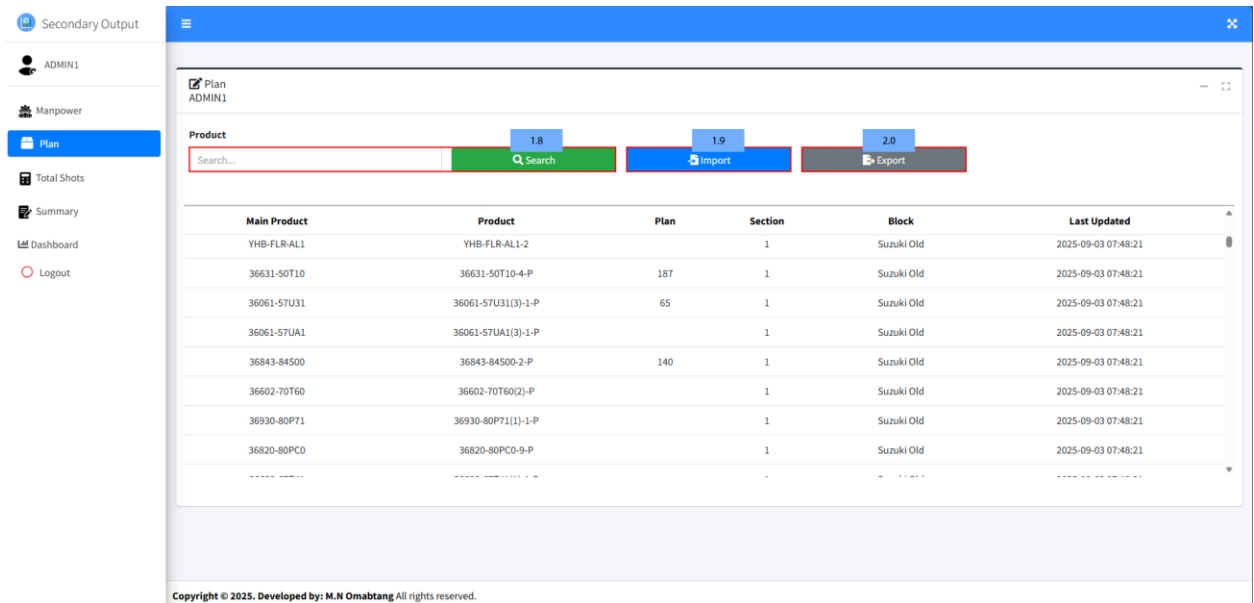
1.3 After the import, click the **Generate** button to update the user's form. This will display the modal.



1.6 Clicking this will toggle your group between **Night Shift** and **Day Shift**.

1.7 After selecting the shift, click this button to generate the form.

- Plan



1.8 Use this to search for a specific plan. Enter the product name into the text box and click the Search button.

2.0 If you need to change the plan, click the **Export** button. This will export the data into a CSV file. Below is an example of the plan CSV:

Main Product	Product	Plan	Block
YHB-FLR-AL0	YHB-FLR-AL0-2		Suzuki Old
YHB-FLR-AL1	YHB-FLR-AL1-2		Suzuki Old
36631-50T10	36631-50T10-4-P	187	Suzuki Old
36061-57U31	36061-57U31(3)-1-P	65	Suzuki Old
36061-57UA1	36061-57UA1(3)-1-P		Suzuki Old
36843-84S00	36843-84S00-2-P	140	Suzuki Old
36602-70T60	36602-70T60(2)-P		Suzuki Old
36930-80P71	36930-80P71(1)-1-P		Suzuki Old
36820-80PC0	36820-80PC0-9-P		Suzuki Old
36630-67T41	36630-67T41(1)-1-P		Suzuki Old
36602-80PH0	36602-80PH0-10-P		Suzuki Old
36630-67TF1	36630-67TF1(1)-1-P		Suzuki Old

Just add your Main Product, Product, Plan, and Block, or you can simply edit the plan of the existing product.

1.9 After updating the plan, save the CSV file and click the **Import** button to upload your CSV.

- **Total Shot**

Secondary Output

ADMIN1

Manpower

Plan

Total Shots

Summary

Dashboard

Logout

Shot Count
ADMIN1

2.1 Compute2.2 Export

Section	Car Model	Base Product	Block	Block 2	Product	Line No	UV-III 1	UV-III 2	UV-III 4	UV-III 5	UV-III 7	UV-III 8	Arc Welding	Aluminum Coating UV-II	Servo Crimping	Ultrasonic
1	Suzuki Old	33880-50T20	YV7	Battery	33880-50T20(1)-P	*5009	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
1	Suzuki Old	36630-67T01	Y6L		36630-67T01(1)-P	***5104	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
1	Suzuki Old	36067-57U01	Y0C	Battery	36067-57U01(2)-P	5101/5102	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
1	Suzuki Old	36602-67T50			36602-67T50-P		.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
1	Suzuki Old	36603-84S00			36603-84S00-P		.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
1	Suzuki Old	36680-67TB0			36680-67TB0(1)-P		.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
1	Suzuki Old	36756-64PD0	YV7		36756-64PD0(5)-1-P	**5041	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
1	Suzuki Old	36680-50T10	YV7		36680-50T10(1)-1-P	*5041	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

Total Rows: 320

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2.1 The Compute button will automatically calculate the total shots. Just click the button and wait for the loading to finish.
Important: Always click this after entering the plan to ensure the updated total shots are reflected in the summary.

2.2 This will export the total shots into a CSV file.

User Interface

The screenshot displays the 'Secondary Output' interface. On the left is a sidebar with a user profile icon, the text 'USER:XXXXXXXX', and navigation links for 'Section', 'Summary', 'Dashboard', and 'Logout'. The main area contains a table with the following columns: Process, Machine No, Specifications, Manpower, WIP, Working Time (Hrs), Target JPH, Target Output, and Details. The table lists six processes: Airbag, Casting C385, Drainwire Tip, Gomusen Insertion (Machine 1), and Gomusen Insertion (Machine 2). Each row has input fields for WIP, Working Time, Target JPH, and Target Output. To the right of the table, a 'Details' section shows calculated values for Actual JPH, Target Running Output, and Actual Running Output. A vertical scroll bar is on the right side of the table. At the bottom, a copyright notice reads: 'Copyright © 2025. Developed by: M.N Omabtang All rights reserved.'

Process	Machine No	Specifications	Manpower	WIP	Working Time (Hrs)	Target JPH	Target Output	Details
Airbag	1		GRATED, CALIBRATION	2.3 0	2.4 7.82	2.5 346	2.6 2704	Actual JPH: 2.7 280 Target Running Output: 346 Actual Running Output: 280
Casting C385	2		CARETAKING, LEMBARAN	0	7.83	277	2169	Actual JPH: 2.8 181 Target Running Output: 277 Actual Running Output: 169
Drainwire Tip	1		LUMES, DAPILLOW 2	0	4.09	350	1431	Actual JPH: 0 0 Target Running Output: 350 Actual Running Output: 0
Gomusen Insertion	1		CONCRETE, BULLETH	0	7.72	682	5264	Actual JPH: 403 550 Target Running Output: 682 Actual Running Output: 403
Gomusen Insertion	2		MONITORING, MARINA	0	7.72	682	5264	Actual JPH: 352 503 Target Running Output: 682 Actual Running Output: 352

2.3 This is where you enter the quantity of WIP

2.4 The **Working Time** will be automatically computed based on your **Target JPH**, **Target Output**, and **WIP**.

2.5 This is automatically assigned from the ME

2.6 This is where you enter the **target output** for your shift.

2.7 This is where you enter the **Actual JPH**.

Important: Remember to save after entering each data input by pressing the **Enter** key.

2.8 The **Running Output** and **Actual Running Output** are automatically computed every time you enter a value in **Actual JPH**.

2.9 Use this scroll bar to move the form vertically. This will allow you to view the other side of the form.

Secondary Output

Section

Summary

Dashboard

Logout

<

3.0 The **Target Running Output** will turn **red** if it reaches or exceeds the Target Output entered.

3.2 This is the **time indicator**:

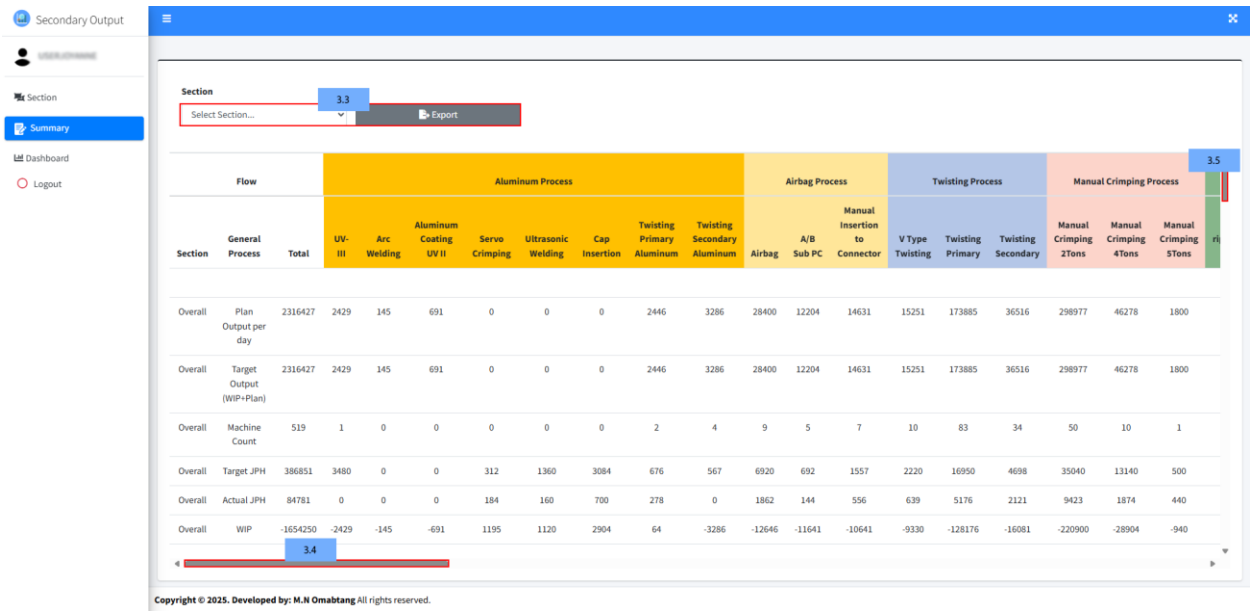
- **7–18** means **7:00 AM to 6:00 PM** → you are on **Day Shift**
- **19–6** means **7:00 PM to 6:00 AM** → you are on **Night Shift**

The shift is assigned based on the selection in **1.6** on the admin panel.

3.2 The **Daily Result** is automatically computed from:

- **Actual JPH**
- **Target Running Output**
- **Actual Running Output**

Summary



Here you can view the summary of all the computed and entered data.

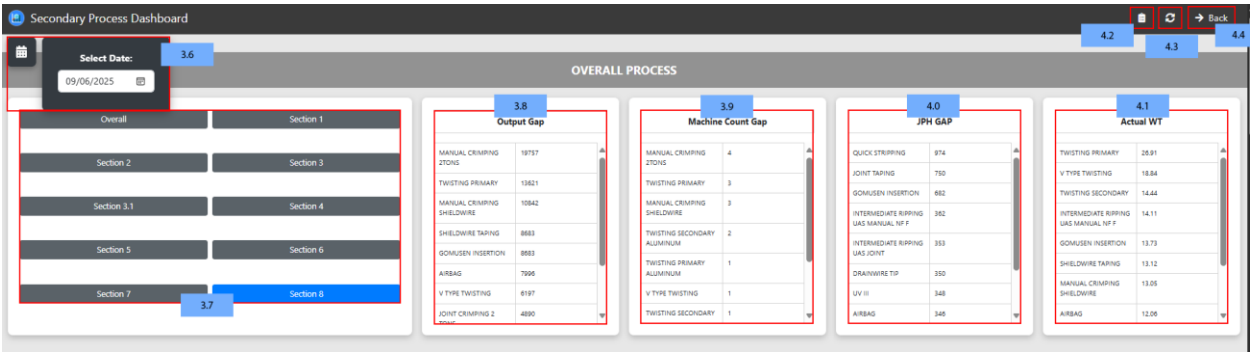
3.3 Select the section you want to export from the **dropdown**, then click the **Export** button to save it as a CSV file.

3.4 Use this **horizontal scroll bar** to view other processes.

3.5 Use this **vertical scroll bar** to navigate to other sections.

Dashboard Interface

- Overall Process



3.6 Use this **date selector** to adjust the date for the dashboard display. The default date is **today**.

3.7 These buttons allow you to select which section you want to display in the table.

3.8 This table displays the top 10 processes with the largest gaps between the target output and the actual output.

3.9 This table displays the top 10 processes with the highest machine count gap, based on the computed machine count compared to the actual machines running.

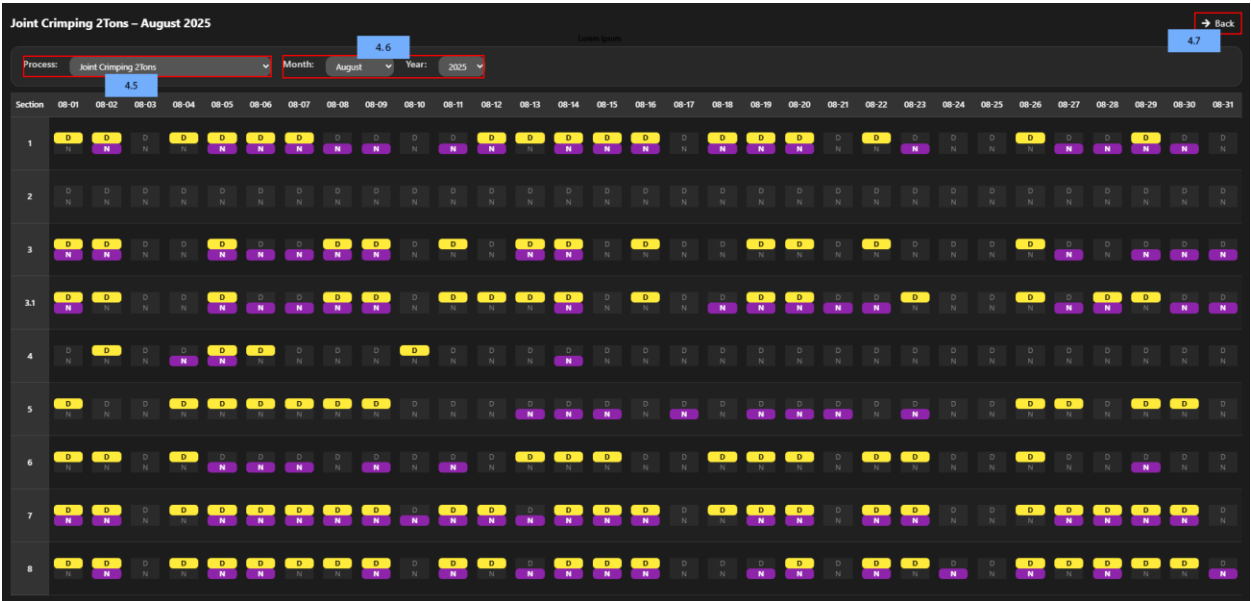
4.0 This shows the highest JPH gap based on the Target JPH and Actual JPH.

4.1 This shows the top 10 actual working times for that section.

4.3 This is where you can refresh the page.

4.4 This will take you back to your previous page

4.2 This will direct you to this dashboard.



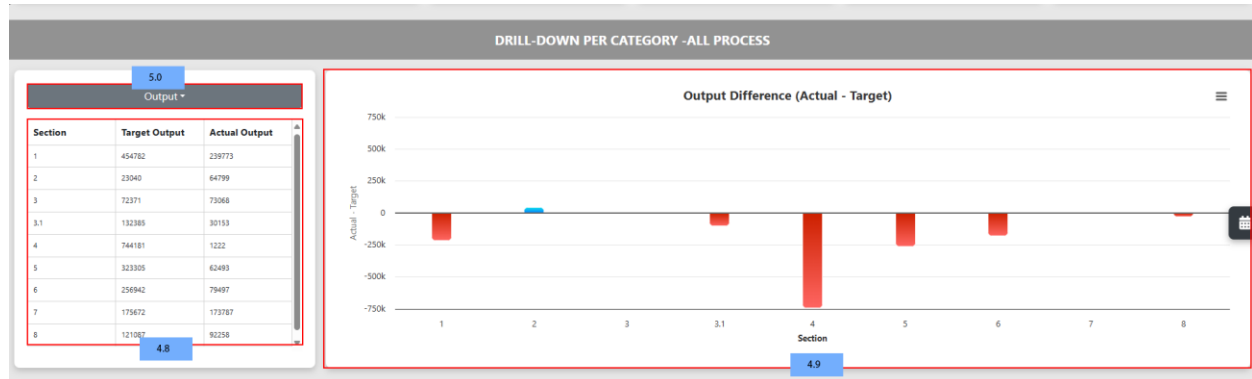
This dashboard allows you to view and display sections with output for the selected date. Each section has two shifts: **Day Shift** and **Night Shift**. If an icon has no color, it means there is no output for that shift on that day.

4.5 You can change the process displayed on this dashboard.

4.6 You can select the date here.

4.7 Back to the dashboard.

- **Drill Down per Category**



4.8 This is a simple visual table that displays the Target and Actual values per section for all processes.

4.9 Here is the graphical representation of their gap:

- If the color is red, it means they have not reached their target.
- If the color is blue, it means they have exceeded their target.
-

5.0 By clicking this button, you can select what you want to display in the table:

- Output
- Machine Count
- JPH
- Actual Working Time
- WIP

The data will be displayed per section with all processes.

Output ▾

Output

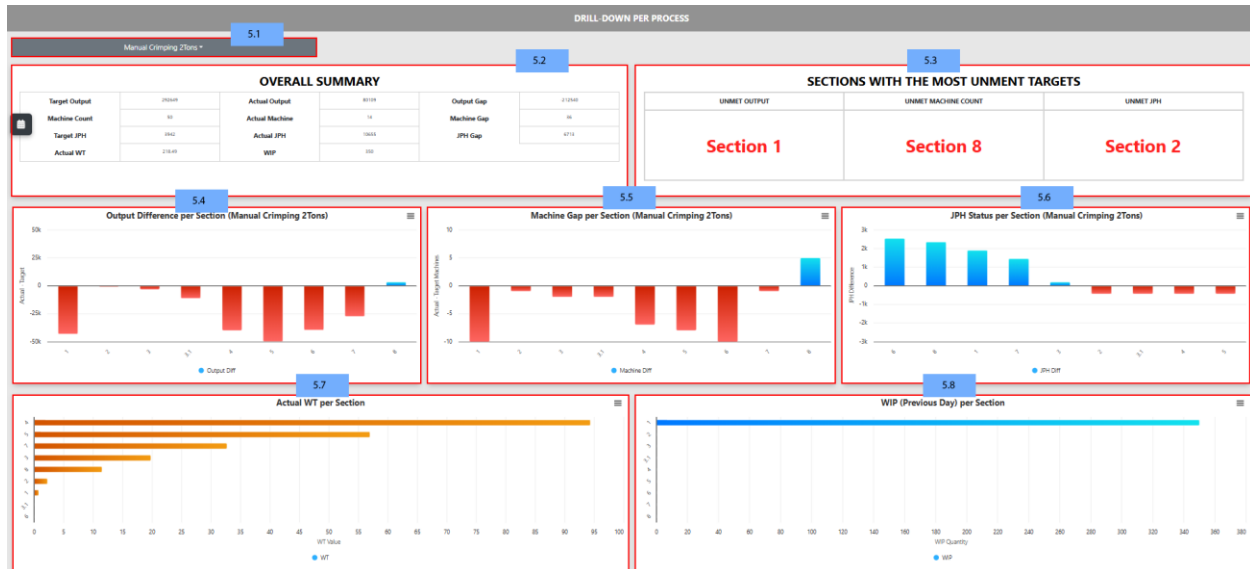
Machine Count

JPH

Actual WT

WIP

- **Drill Down Per Process**



5.1 Use this dropdown to select the process you want to display.

5.2 This section displays a summary of the selected process, combining data from all sections. It consists of the overall output, overall JPH, overall working time, and overall WIP

5.3 This section highlights the section with the highest number of unmet metrics for the selected process, including **Output**, **Machine Count**, and **JPH**.

5.4 It is the output graph per section of the selected process.

5.5 It is the machine graph per section, showing machine count versus actual machine count.

5.6 This shows the JPH difference of the selected process.

5.7 This graph shows the actual WT of the selected process per section.

5.8 This shows the entered WIP of the selected process, still per section.

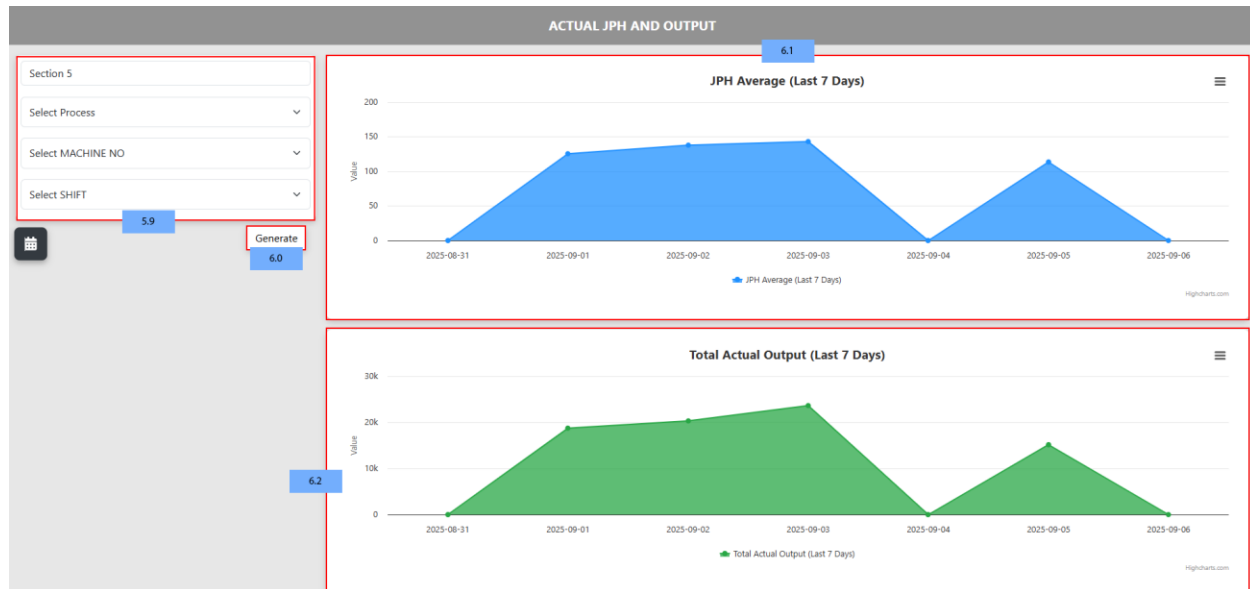
- Summary Per Section

SECTION 1 SUMMARY					
Target Output	475,756	Actual Output	227,094	Output Gap	247,662
Machine Count	90	Actual Machine	99	Machine Gap	9
Target JPH	7,929	Actual JPH	3,834	JPH Gap	4,095
Actual WT	22.76	WIP	227,092		
SECTION 2 SUMMARY					
Target Output	23,270	Actual Output	12,887	Output Gap	10,383
Machine Count	118	Actual Machine	92	Machine Gap	26
Target JPH	8,911	Actual JPH	7,689	JPH Gap	1,224
Actual WT	167.17	WIP	19,971		
SECTION 3 SUMMARY					
Target Output	75,971	Actual Output	75,008	Output Gap	963
Machine Count	92	Actual Machine	9	Machine Gap	83
Target JPH	8,287	Actual JPH	15,046	JPH Gap	6,759
Actual WT	287.77	WIP	847		
SECTION 3.1 SUMMARY					
Target Output	188,781	Actual Output	0	Output Gap	188,781
Machine Count	81	Actual Machine	0	Machine Gap	81
Target JPH	11,712	Actual JPH	0	JPH Gap	11,712
Actual WT	9	WIP	188,781		
SECTION 4 SUMMARY					
Target Output	742,181	Actual Output	1,038	Output Gap	741,143
Machine Count	177	Actual Machine	0	Machine Gap	177
Target JPH	9,128	Actual JPH	178	JPH Gap	8,950
Actual WT	17,917.1	WIP	742,048		
SECTION 5 SUMMARY					
Target Output	161,856	Actual Output	1,987	Output Gap	159,869
Machine Count	48	Actual Machine	0	Machine Gap	48
Target JPH	8,478	Actual JPH	202	JPH Gap	8,276
Actual WT	492.45	WIP	17,649		
SECTION 6 SUMMARY					
Target Output	298,038	Actual Output	167,081	Output Gap	130,957
Machine Count	87	Actual Machine	0	Machine Gap	87
Target JPH	9,032	Actual JPH	16,886	JPH Gap	7,854
Actual WT	0	WIP	172,927		
SECTION 7 SUMMARY					
Target Output	167,476	Actual Output	102,848	Output Gap	64,628
Machine Count	48	Actual Machine	28	Machine Gap	20
Target JPH	10,128	Actual JPH	16,881	JPH Gap	6,747
Actual WT	283.42	WIP	62,022		
SECTION 8 SUMMARY					
Target Output	121,884	Actual Output	104,748	Output Gap	17,136
BATTERY					
Target Output		Actual Output		Output Gap	

This is the summary per section of all processes, containing:

- Target Output, Actual Output, and their Gap
- Machine Count, Actual Machine Count, and their Gap
- Target JPH, Actual JPH, and their Gap
- Actual Working Time and WIP

- **Actual JPH and Output**



5.9 Here is where you can filter what you want to display in the chart. The available filters include:

- Section
- Process
- Machine No
- Shift

Filter behavior:

- Selecting nothing will include all data.
- Selecting only a Section (but no Process) will include all processes within the selected section.
- Selecting both Section and Process (but no Machine No) will include all machines of that process within the selected section.
- Not selecting a Shift will include both Day and Night shifts.
-

6.0 Clicking the **Generate** button will apply the selected filters and display the filtered data on the chart.

6.1 This chart shows the JPH of the filtered data, already averaged. It displays data for the last 7 days (1 week) by default, but you can adjust it using the date selection.

6.2 This chart shows the Actual Output of the filtered data, similar to the JPH chart. It displays data for the last 7 days by default.