



# ***Production Executive System***

***User Manual***

---



## Contents

1. General Information .....	4
2. Login Page .....	5
3. 3.Home Page .....	6
4. Admin Module .....	8
User Maintenance .....	8
Shop Floor Maintenance .....	10
Production Line Maintenance .....	12
Reason code .....	13
Machine Maintenance .....	14
Shift Maintenance .....	16
Quality Attribute Maintenance .....	17
Quality Test Plan .....	19
Work Order Detail Viewer .....	25
Work order Test Plan Mapping .....	27
Clone Recent Mapping .....	30
Example Workflow .....	30
Holiday .....	32
Production Line Status .....	33
Scheduling Work Bench .....	43
17. Job Travel Card (JTC Report) .....	57
16. Quality Assurance - Observation and Analysis .....	61
1. Job Order Testing Procedure .....	62
1.1. Test Samples .....	62
2. Component Tracking .....	63
2.1. Recording Components .....	63
2.2. Additional Information .....	64
3. Testing Details .....	64
3.1. Test Description .....	64
3.2. Entering Test Results .....	65
3.3. QA Completion and Record Management .....	66
3.4. Actual Time Recording .....	67
3.5 Report Downtime .....	67
3.6 Report Production and Rejected Quantity .....	69



18. Shop Floor Viewer .....	70
Shop Floor Metrics Formulas .....	72
Data Display Overview .....	73



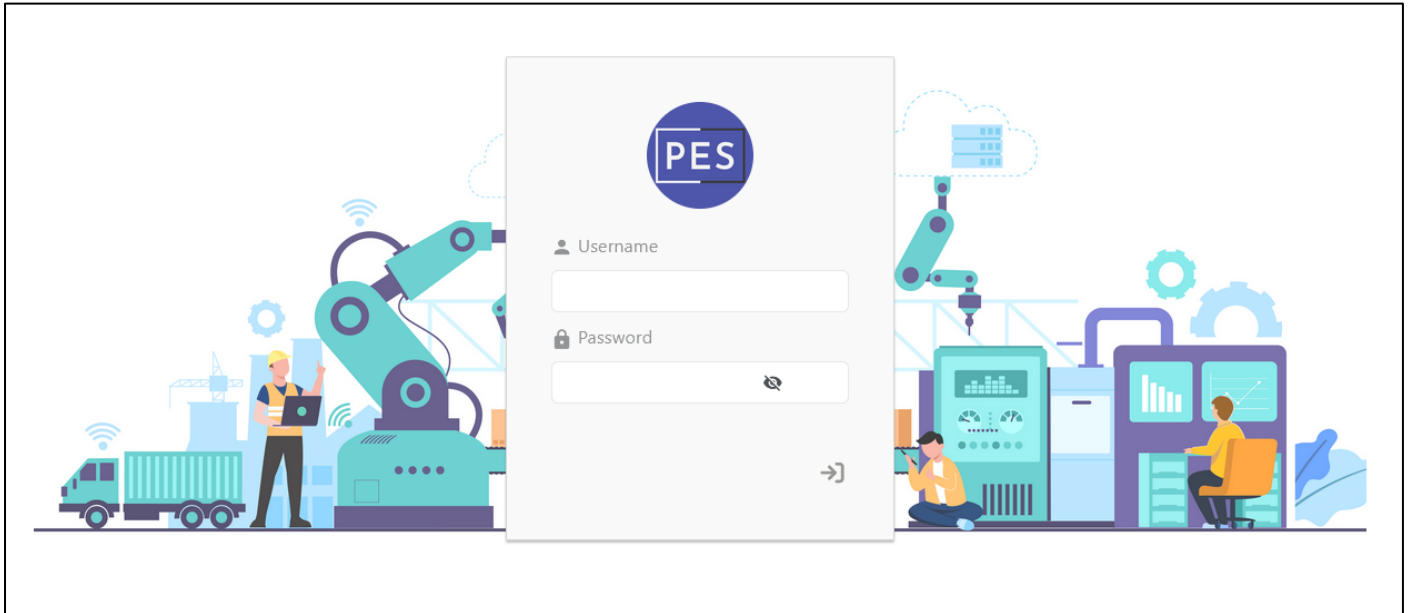
## 1. General Information

This document explains how to use Production Executive System (PES) on daily basis for monitoring the manufacturing industry.

## 2. Login Page

Production Executive System (PES), can be accessed using the provided URL in any web browser. Registered users can log in with their credentials. The Application Admin can create new users and update existing user profiles.

<https://pes.digitusbiz.net/>

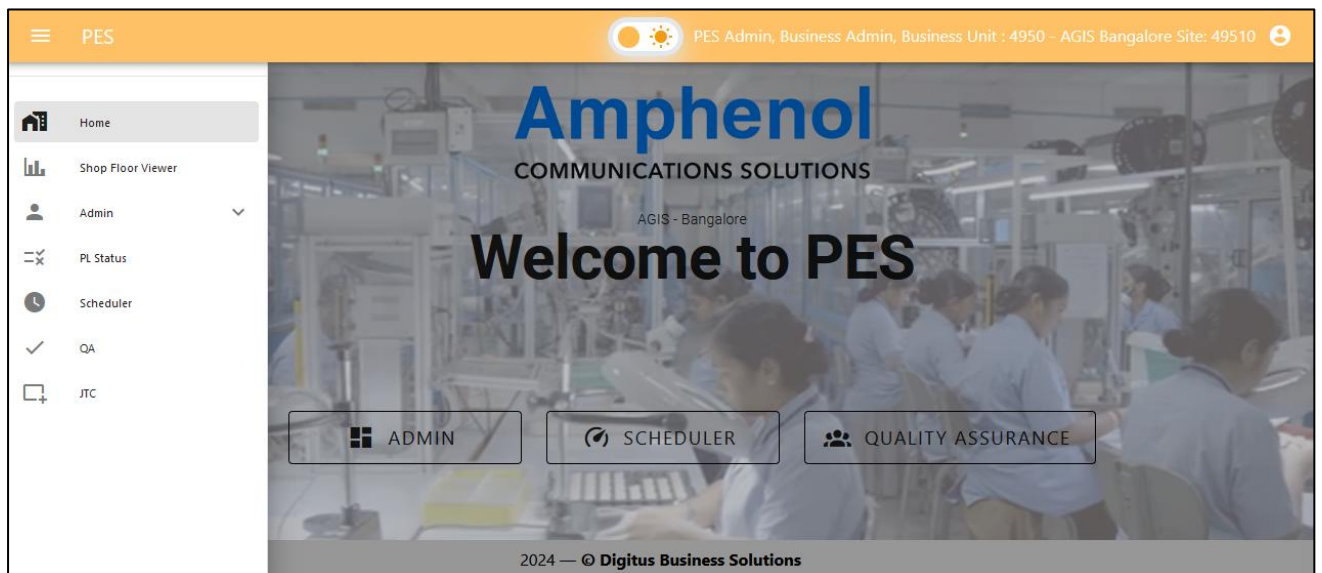


### 3. 3.Home Page

- On successful login, user will be on home page of the application as shown below.



- Click on the right corner so that you can view all the modules available. In addition, under Admin modules sub modules can be viewed based on the logged in user's user role as shown in below images.



☰

PES

🏠

Home

🏭

Shop Floor Viewer

👤

Admin

📄

Attribute

📄

Test Plan

📄

Test plan Mapper

🏭

Shop Floor

📊

Production Line

🕒

Shift Maint

📅

Shift Calendar

📅

Holiday

📄

Workorder

📄

Reason Code

👤

User Maintenance

🌞

PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

⚙️

Amphenol

COMMUNICATIONS SOLUTIONS

AGIS - Bangalore

Welcome to PES

⚙️

ADMIN

🕒

SCHEDULER

👤

QUALITY ASSURANCE

2024 —

© Digitus Business Solutions

## 4. Admin Module


### General Information

In the Admin Module, users can:












- **Add (+)**: Create new records. Success and error messages will be displayed, and the new record will appear in the view table (only for User Maintenance).
- **Create**: Create new record with the mandatory entries and Save.
- **Edit (✎)**: Modify existing records. Success and error messages will confirm the update, with the edited record shown in the view table.
- **Delete (🗑)**: Remove records if they are not linked to other data. A confirmation message will be displayed upon successful deletion, and the view table will be updated. Errors will be shown if there are issues with linked records.
- **Save**: Save changes made to records. A success message will confirm that the changes have been saved. If there are errors, an appropriate error message will be provided.
- **Cancel**: Discard any unsaved changes and return to the previous state. No changes will be saved.

### User Maintenance

In this module, you can:

- : Creates new user.
- **Edit**: Modify existing users.

Additionally, manage user roles, which define access limitations within the application. For example, roles like Engineer and Team Leader etc., will have restricted access to Shop-Floor and Line Master, which can also be added and edited in this module. Users will use their username and password to log in to the application.

PES <span>☀</span> PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510 									
User Maintenance <span>ADD USER</span>									
First Name	Last Name	Email Id	Phone Number	Active	Role	Shop Floor Access	PL Access	Actions	
Sundar	s	shanmuga.sundar@digitusbiz.com	344552323235	✓	Engineer	12SF5A	CUTM01,CUTM1,SF5A5		
PES	Admin	admin	563332228	✓	Business Admin				
RANGANATH	BK	rangabk@gmail.com	0000000000	✓	Business Admin				
admin	pes	adminpes@gmail.com	00099899	✓	Business Admin				
business	admin	businessadmin@gmail.com	123456	✓	Business Admin				
Pradeep	D	test@gmail.com	9090909090	✓	Admin				
Pradeep	Desireddy	pradeep@test.com	123456789	✓	Plant Manager				
Shanmuga	Sundar	spshanmuga01@gmail.com	9807898766	✓	Engineer	12SF5A	CUTM1,SF5A5		
Ranganath	BK	ranganath@digitusbiz.com	08976566786	✓	Plant Manager				
Pradeep	DReddy	pradeep@digitusbiz.com	09689077663	✓	Business Admin				

### 5. User role List

### 6. Shop Floor List



### Add User

First Name

Last Name

Email Id

Phone Number

Role

Plant Manager
Operation Head
Deputy Manager
Engineer
Supervisor
Team Leader

Shop Floor Code

☐ Select All
☐ 12SFSA
☐ 12SFWH
☐ 12SFSE

Password

SAVE CANCEL

### Line Master List

### Add User

First Name

Last Name

Phone Number

Shop Floor Code

12SFSA, 12SFWH, 12SFSE, 12SCUT, 12SFFO, 12SFTEST, TEST01

☐ Select All
☐ CUTM3
☐ SFS1
☐ SFS2

PL Line

Password

SAVE CANCEL

### User role – Access Matrix

1	User role	Attribute	Test plan	Test plan mapper	Shop floor	Production Line	Shift Calendar	Holiday	Work Order	Reason Code	PL Status	User Maintenance	Scheduler	QA
2	Plant Manager	Applicable	Applicable	Applicable	Applicable	Applicable	NA	Applicable	Applicable	Applicable	Applicable	NA	Applicable	Applicable
3	Operation Head	Applicable	Applicable	Applicable	Applicable	Applicable	NA	Applicable	Applicable	Applicable	Applicable	NA	Applicable	Applicable
4	Supervisor	Applicable	Applicable	NA	NA	Applicable	NA	Applicable	Applicable	Applicable	Applicable	NA	NA	NA
5	Team Leader	NA	NA	NA	Applicable	Applicable	NA	Applicable	Applicable	Applicable	Applicable	NA	Applicable	Applicable
6	Deputy Manager	Applicable	Applicable	Applicable	Applicable	Applicable	NA	Applicable	Applicable	Applicable	Applicable	NA	Applicable	Applicable
7	Engineer	NA	NA	Applicable	NA	Applicable	NA	Applicable	Applicable	Applicable	Applicable	NA	Applicable	Applicable
8	Admin	NA	NA	NA	Applicable	Applicable	Applicable	Applicable	Applicable	Applicable	NA	Applicable	NA	NA

## Shop Floor Maintenance

In this module, you can:

- **Save:** Create new shop floors with a unique name and code.
- **Edit:** Modify existing shop floors.
- **Delete:** Remove shop floors, provided they are **not linked with any Line Master**.

Each shop floor must be associated with a Line Master and must have a unique shop floor name and shop floor code.

- **View Shop Floor**

### Shop Floor Maintenance

Add Shop Floor

Shop Floor Maintenance		
Shop Floor Code	Shop Floor Name	Actions
12SFSA	Systems Assembly	
12SFWH	Wiring Harness	
12SFSE	Schneider Electric	
12SCUT	Cutting & Crimping	
12SFFO	Fiber Optics	
12SFTEST	TESTING	
TEST01	TEST02	

- **Edit Shop Floor (only on shop floor name)**

### Edit Shop Floor Maintenance





## Production Line Maintenance

In this module, you can:

- **Save:** Create production lines under a shop floor.
- **Edit:** Modify existing production lines.
- **Delete:** Remove production lines only **if no job orders are planned on that production line.**

Additionally, you can specify details for each production line, including the item family that can be used, units per hour, and the setup time required.

- **Add & View Table**

Production Line Maintenance

Add Production Line Maintenance

PL Line

Shop Floor

Item Family

Description

Unit/Hours

Setup Time

SAVE

CANCEL

PL Line	Shop Floor	Business Unit	Site	Description	Item Family	Unit/Hours	Setup Time	Actions
CUTM1	12SFSA	4950	49510	1CC Machine	NA	150	1	
CUTM2	12SFWH	4950	49510	C&C Machine2	NA	500	0	
CUTM3	12SFWH	4950	49510	C&c Machine3	NA	750	1	
SFSA1	12SFWH	4950	49510	PL1 FOR 12SFSA	632	150	1	
SFSA2	12SFWH	4950	49510	PL2 FOR 12SFSA	632	150	1	
SFSA4	12SFSE	4950	49510	PL4 FOR 12SFSA	632	150	1	
SFSE1	12SFSE	4950	49510	PL1 FOR 12SFSE	632	50	1	

- **Edit Production Line**

Edit Production Line Maintenance

Item Family

Description

Units/Hours

Setup Time

NA

1CC Machine

150

1

SAVE

CANCEL



## Reason code

In this module, you can:

- **Save:** Create new reason codes.
- **Edit:** Modify existing reason codes.
- **Delete:** Remove reason codes only if they are not in use.

Additionally, you can specify details for each reason code, including its type for generic use in multiple modules and a description.

- **Add & View Table**

### Reason Code

Add Reason Code

SAVE

CANCEL

Reason-Code			
Reason Code Type	Reason Code	Reason Code Description ↑	Actions
BREAKDOWN	BD102	TESTING	
SCRAP	RB101	SHRINK MARK	
REJECT	RJ101	Cable Damage	
REWORK	RW101	Rework-1	
REWORK	RW102	Rework-2	
TEST1	TEST	Test1	
BREAKDOWN	BD101	Machine Breakdown	
MAINTENANCE	MAN101	cable shortage	

- **Edit**

### Edit Reason Code

Cable Damage

SAVE

CANCEL



Machine Maintenance

In this module, you can:

- Save: Create new machines for operations.
- Edit: Modify existing machines.
- Delete: Remove machines only if they are not in use.

- **Create new machine & View table**

Machine Maintenance















Add Machine

Operation

Machine Number

SAVE

CANCEL

Machine List		
Operation	Machine Number	Actions
10	MACHINE-Stripping2	 
10	MACHINE-CUT1	 
10	MACHINE-CUT2	 
20	MACHINE-Stripping	 
20	MACHINE-CUT3	 
20	MACHINE-Preparing	 
30	MACHINE-CRIMPING2	 

- Edit

Edit Machine Details

Operation

Machine Number

10

MACHINE-Stripping2

SAVE

CANCEL



## Applicator Maintenance

In this module, you can:

- **Save:** Create new applicators for an operation and specify the machine used in that operation.
- **Edit:** Modify existing applicators and update their associated machine and operation details.
- **Delete:** Remove applicators as needed

- **Create new applicator & View Table**

### Applicator Maintenance

Add Applicator

Operation ▼

Machine Number ▼

Applicator Name

SAVE

CANCEL

Applicator List			
Operation	Machine Number	Applicator Name	Actions
10	MACHINE-CUT2	#APPL001	
10	MACHINE-Stripping2	#APPL_STRP2	
10	MACHINE-CUT1	#APPL_CUT1	
10	MACHINE-CUT2	#APPL_CUT2	
20	MACHINE-Crimping2	#APPL_CRIMP2	
20	MACHINE-CRIMPING2	#APPL_CRIMP1	
20	MACHINE-Stripping	#APPL_STRP1	

- **Edit**

### Edit Applicator Details

Operation ▼  
10

Machine Number ▼  
MACHINE-CUT1

Applicator Name  
#APPL\_CUT 2

SAVE

CANCEL

## Shift Maintenance

In this module, you can:

- **Edit:** Adjust shift hours and the shift start time. The end time of the shift is automatically calculated as the start time plus the shift duration.
- For example, if the shift hours are set to 8 and the start time is 07:00:00, the end time will be 15:00:00.
- This records will be considered as the shift timing and used for scheduler and production line status entry.

- **View Table**








Shift Maintenance

Site  
49510

Shift  
S1

SEARCH

Shift Maintenance

Days	Hours	Start Time	End Time	Productivity	Actions
Sunday	2	08:00:00	10:00:00	100.0	
Monday	8	07:00:00	15:00:00	100.0	
Tuesday	8	07:00:00	15:00:00	100.0	
Wednesday	8	07:00:00	15:00:00	100.0	
Thursday	8	07:00:00	15:00:00	100.0	
Friday	8	07:00:00	15:00:00	100.0	
Saturday	8	07:00:00	15:00:00	100.0	

- **Edit**

Edit Shift Calendar Maintenance

Start Time

07 : 00 : 00 am

Shift Hours

8

Shift Productivity

100.0

SAVE

CANCEL



## Quality Attribute Maintenance

In this module, you can:

- **Create:** Add new attributes, which can be of two types:
  - **Numerical:** Includes inputs for unit type (cm, m) and decimal format (number of decimal places).
  - **Logical:** Includes a logical format (e.g., Y/N, OK/NOK).
- **Edit:** Modify existing attributes, with the restriction that the attribute type cannot be changed.
- **Delete:** Remove attributes only if they are not used in any test plans.

- **Create new attribute and View Table.**
  - **Numerical Attribute**

### Quality Attribute Maintenance

Add New Attribute

Unit Type  
Numerical

UOM  
BX

SAVE
CANCEL

\* Attributes already mapped are not editable

Attribute List						REFRESH
Name	UOM	Type	Decimal Format	Logical Format	Actions	
LENGTH M	M	Numerical	2			
LENGTH_CM	BX	Numerical	1			
LENGTH MM	MM	Numerical	2			
HEIGHTM	BX	Numerical	2			
HEIGHT CM	CM	Numerical	3			
HEIGHT MM	MM	Numerical	2			

- **Logical Attribute**

### Quality Attribute Maintenance

Add New Attribute

Unit Type  
Logical

SAVE
CANCEL

\* Attributes already mapped are not editable

Attribute List						REFRESH
Name	UOM	Type	Decimal Format	Logical Format	Actions	
LENGTH M	M	Numerical	2			
LENGTH_CM	BX	Numerical	1			
LENGTH MM	MM	Numerical	2			
HEIGHTM	BX	Numerical	2			
HEIGHT CM	CM	Numerical	3			
HEIGHT MM	MM	Numerical	2			

- **Edit**

## Edit Attribute

<b>Attribute Name</b> FORCE	<b>Unit Type</b> Numerical ▼	<b>UOM</b> KG ▼	<b>Decimal Format</b> 2
--------------------------------	---------------------------------	--------------------	----------------------------

\* Attribute's unit type cannot be changed. If required delete and recreate the attribute
 
SAVE
CANCEL



## Quality Test Plan

### Test Plan Creation

- **Item Name:** [Input Field for Identification]
  - This will serve as the unique identifier for the test plan.

### Adding Attributes

- **Numerical Attributes:**
  - **Description:** [Input Field]
    - A brief explanation in the text field.
  - **Reference Value:** [Input Field]
    - The default or standard value for the attribute.
  - **Upper Limit:** [Input Field]
    - The maximum allowable value.
  - **Lower Limit:** [Input Field]
    - The minimum allowable value.

Example:

- Attribute: Length
  - Reference Value: 2.6cm
  - Upper Limit: 0.1cm
  - Lower Limit: 0.1cm
- **Logical Attributes:**
  - **Description:** [Input Field]
    - A brief explanation in the text field.
  - **Reference Value:** [Checkbox]
    - If checked, the test should be conducted as a positive case.
    - If unchecked, the test should be conducted as a negative case.


Example:

- Attribute: Power On Status
  - Positive Case: [Checked]
    - Indicates that the item should be tested to confirm it powers on correctly.

### Editing Attributes

- **Editing Process:**
  - Edits can be made to the attributes within the test plan.
  - **Note:** Changes will not affect existing work order mapping & test results. They will only be applied to future tests.

## Deleting Attributes

- **Deletion Process:**
  - Click on the  delete button on the end of the row.
  - Also, Deletion of attributes follows the same process as editing.
  - **Note:** Once attribute deleted, they will no longer appear in future tests.
- Creation of new Test Plan Name

### Quality Test Plan Name

List Test Plan

Test Plan List

SHOW

CANCEL

Add New Test Plan

Test Plan Name

OW49255B4

Duplicate From

ADD NEW

CANCEL

Test Plan / Details already mapped is not deletable

Test Plan Name:

ADD ROW

EDIT

SAVE

REFRESH

Attribute	Description	Reference Value	Lower Limit	Upper Limit	UOM	Type	Format	Actions
Select Test Plan								

- Clone of new Test Plan with existing test plan (Duplicate Form is a drop down will list all the existing test plan name)

### Quality Test Plan Name

List Test Plan

Test Plan List

SHOW

CANCEL

Add New Test Plan

Test Plan Name

OW49255BT

Duplicate From

OW49255B

ADD NEW

CANCEL

Test Plan / Details already mapped is not deletable

Test Plan Name:

ADD ROW

EDIT

SAVE

REFRESH

Attribute	Description	Reference Value	Lower Limit	Upper Limit	UOM	Type	Format	Actions
Select Test Plan								

## Excel Upload for New Test Plan

- **Template Download:**
  - **Download Template:** [Button to Download Excel Template]
    - Provides a pre-defined Excel template for entering attributes.
    - The template includes fields for Attribute, Description, Reference Value, Upper Limit, Lower Limit

Template Columns:

- **Attribute Name** (should be present as Quality Attribute. Also check for spelling)
- **Description**
- **Reference Value** (for Numerical attributes)
- **Upper Limit** (for Numerical attributes)
- **Lower Limit** (for Numerical attributes)
- **Reference Value** (for Logical attributes, with 1 or 0 where 1 considered as positive case and 0 considered as negative case)
- **Upload Excel File:**
  - **Upload Button:** [Button to Upload Excel File]
    - Allows users to upload the completed Excel file.
    - File must adhere to the downloaded template format.
- **Validation and Import:**
  - **Validation:** The system will check the uploaded file for correct formatting and required fields.
  - **Import:** If validation is successful, the attributes from the Excel file will be imported into a new test plan.

Error Handling:

- **Error Messages:** Provide specific error messages if the file format is incorrect or required fields are missing.

Example:

- **Uploaded File Content:**
  - For Numerical Attribute**
    - **Attribute Name:** Voltage
    - **Reference Value:** 220V
    - **Upper Limit:** 0.01V
    - **Lower Limit:** 0.01V

### For Logical Attribute

- **Attribute Name:** Colour
- **Reference Value:** 1 (Yes)

- **Excel to be uploaded**

	A	B	C	D	E
1	Attribute	Description	ReferenceValue	LowerLim	UpperLimit
2	COLOR	color of the cable	1		
3	VOLTAGE	voltage of cable	220	0.01	0.01

- **Imported data from the uploaded excel**

#### Quality Test Plan Name

List Test Plan

Test Plan List  
OW49255BT

SHOW

CANCEL

Add New Test Plan

Test Plan Name

Duplicate From

ADD NEW

CANCEL

Test Plan Name: OW49255BT

Search Attribute

ADD ROW

EDIT

SAVE

REFRESH

Attribute	Description	Reference Value	Lower Limit	Upper Limit	UOM	Type	Format	Actions
COLOR	color of the cable	<input checked="" type="checkbox"/>						
VOLTAGE	voltage of cable	220	0.01	0.01				

### Add Attributes for a Test Plan

- To add the quality attributes for new or existing test plan from the test plan screen.

#### Quality Test Plan Name

List Test Plan

Test Plan List  
OW49255B

SHOW

CANCEL

Add New Test Plan

Test Plan Name

Duplicate From

ADD NEW

CANCEL

Test Plan Name: OW49255B

ADD ROW

EDIT

SAVE

REFRESH

Attribute	Description	Reference Value	Lower Limit	Upper Limit	UOM	Type	Format	Actions
CONNECTOR	L-End A Braid to vend or ID label 70±	70	-5	5	MM	Numerical	2	
CONNECTOR	L-Braid to destination label A side 5l	50	-5	5	MM	Numerical	2	
NICK MARK	Nick mark As per Req.	<input checked="" type="checkbox"/>				Logical	OK/NOK	
CUT	Terminal cut As per Req.	<input checked="" type="checkbox"/>				Logical	OK/NOK	
CUT	strands cut As per Req.	<input checked="" type="checkbox"/>				Logical	OK/NOK	
BEND	Terminal bend As per Req.	<input checked="" type="checkbox"/>				Logical	OK/NOK	

## Implementation Steps

### 1. Edit Mode Activation

- Click on the "Edit" button to enable the addition or modification of attributes.

Quality Test Plan Name

List Test Plan

Test Plan List

OW49255B

SHOW

CANCEL

Add New Test Plan

Test Plan Name

Duplicate From

ADD NEW

CANCEL

Test Plan Name: OW49255B

Search Attribute

ADD ROW

EDIT

SAVE

REFRESH

Attribute	Description	Reference Value	Lower Limit	Upper Limit	UOM	Type	Format	Actions
CONNECTOR	L-End A Braid to vendor ID label 70±	70	-5	5	MM	Numerical	2	
CONNECTOR	L-Braid to destination label A side 5l	50	-5	5	MM	Numerical	2	
NICK MARK	Nick mark As per Req.	<input checked="" type="checkbox"/>				Logical	OK/NOK	
CUT	Terminal cut As per Req.	<input checked="" type="checkbox"/>				Logical	OK/NOK	
CUT	strands cut As per Req.	<input checked="" type="checkbox"/>				Logical	OK/NOK	
BEND	Terminal bend As per Req.	<input checked="" type="checkbox"/>				Logical	OK/NOK	

### 2. Adding a New Attribute

- Click on the "Add Row" button to add a new quality attribute.
- Select Attribute:** Choose from the dropdown list.
- Description:** Enter a brief explanation in the text field.
- Reference Value:**
  - For numerical attributes, input the value in the text field.
  - For logical attributes, check or uncheck the checkbox.
- Upper Limit:** Input the maximum allowable value in the text field (for numerical attributes).
- Lower Limit:** Input the minimum allowable value in the text field (for numerical attributes).

Quality Test Plan Name

List Test Plan

Test Plan List

OW49255B

SHOW

CANCEL

Add New Test Plan

Test Plan Name

Duplicate From

ADD NEW

CANCEL

Test Plan Name: OW49255B

Search Attribute

ADD ROW

EDIT

SAVE

REFRESH

Attribute	Description	Reference Value	Lower Limit	Upper Limit	UOM	Type	Format	Actions
CONNECTOR	L-End A Braid to vendor ID label 70±	70	-5	5	MM	Numerical	2	
CONNECTOR	L-Braid to destination label A side 5l	50	-5	5	MM	Numerical	2	
NICK MARK	Nick mark As per Req.	<input checked="" type="checkbox"/>				Logical	OK/NOK	
CUT	Terminal cut As per Req.	<input checked="" type="checkbox"/>				Logical	OK/NOK	
CUT	strands cut As per Req.	<input checked="" type="checkbox"/>				Logical	OK/NOK	
BEND	Terminal bend As per Req.	<input checked="" type="checkbox"/>				Logical	OK/NOK	

### 3. Deleting an Existing Attribute

- Locate the attribute you wish to delete.
- Click the delete button (🗑️) last to the attribute row.
- Confirm the deletion by a confirmation dialog.

✔ Row deleted successfully

Quality Test Plan Name

List Test Plan

Test Plan List  
OW49255B

SHOW
CANCEL

Add New Test Plan

Test Plan Name

Duplicate From

ADD NEW
CANCEL

\* Test Plan / Details already mapped is not deletable

Test Plan Name: OW49255B				Search Attribute				<span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 4px;">ADD ROW</span> <span style="background-color: #28a745; color: white; padding: 2px 5px; border-radius: 4px;">EDIT</span> <span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 4px;">SAVE</span> <span style="background-color: #6c757d; color: white; padding: 2px 5px; border-radius: 4px;">REFRESH</span>	
Attribute	Description	Reference Value	Lower Limit	Upper Limit	UOM	Type	Format	Delete	
CONNECTOR	L-Braid to destination label A side Si	50	-5	5	MM	Numerical	2	<span style="background-color: #6c757d; color: white; padding: 2px 5px; border-radius: 4px;">🗑️</span>	
NICK MARK	Nick mark As per Req.	☑				Logical	OK/NOK	<span style="background-color: #6c757d; color: white; padding: 2px 5px; border-radius: 4px;">🗑️</span>	
CUT	Terminal cut As per Req.	☑				Logical	OK/NOK	<span style="background-color: #6c757d; color: white; padding: 2px 5px; border-radius: 4px;">🗑️</span>	
CUT	strands cut As per Req.	☑				Logical	OK/NOK	<span style="background-color: #6c757d; color: white; padding: 2px 5px; border-radius: 4px;">🗑️</span>	
BEND	Terminal bend As per Req.	☑				Logical	OK/NOK	<span style="background-color: #6c757d; color: white; padding: 2px 5px; border-radius: 4px;">🗑️</span>	
DAMAGE	free from Connector damage As per	☑				Logical	OK/NOK	<span style="background-color: #6c757d; color: white; padding: 2px 5px; border-radius: 4px;">🗑️</span>	

### 4. Saving Changes

- After editing or adding attributes, ensure changes are saved by clicking the "Save" or equivalent button.

### 5. Search Attribute

- In the toolbar, search attribute can be used to search the attribute from the list and perform the actions for the specific attribute.

Quality Test Plan Name

List Test Plan

Test Plan List  
OW49255B

SHOW
CANCEL

Add New Test Plan

Test Plan Name

Duplicate From

ADD NEW
CANCEL

\* Test Plan / Details already mapped is not deletable

Test Plan Name: OW49255B				Search Attribute				<span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 4px;">ADD ROW</span> <span style="background-color: #28a745; color: white; padding: 2px 5px; border-radius: 4px;">EDIT</span> <span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 4px;">SAVE</span> <span style="background-color: #6c757d; color: white; padding: 2px 5px; border-radius: 4px;">REFRESH</span>	
Attribute	Description	Reference Value	Lower Limit	Upper Limit	UOM	Type	Format	Actions	
COLOR	Cable color Black	☑				Logical	OK/NOK	<span style="background-color: #6c757d; color: white; padding: 2px 5px; border-radius: 4px;">🗑️</span>	

### Example Fields in a Test Plan

- **Quality Attribute:** Circumference
- **Description:** Measures the circumference of the wire.
- **Reference Value:** 0.5mm
- **Upper Limit:** 0.01mm
- **Lower Limit:** 0.01mm





- **Quality Attribute:** Damage
- **Description:** check the package for any damage
- **Reference Value:** Checked (checkbox for logical)

## Work Order Detail Viewer

### Overview

The **Work Order Detail Viewer** is a read-only interface designed to display comprehensive details about a work order and its associated operations. This view-only screen is intended for users to review and analysis information related to a specific work order without the ability to create or edit data. It provides a snapshot of the work order's attributes, operations, and any job orders scheduled or created for that work order.

### Key Features

1. **Read-Only Display**
  - **Purpose:** Provides a detailed, non-editable view of work order information.
  - **Functionality:** Users can view all details related to the work order but cannot make changes.
2. **Work Order Details**
  - **Information Displayed:**
    - **Work Order Number:** Unique identifier for the work order.
    - **Item Description:** Description of the work order.
    - **Item Number:** item number of the work order.
    - **Quantity:** Total quantity of the work order.
    - **Routing Lot:** Routing lot assigned to the work order.
    - **Running Time:** Expected total run time for the work order.
    - **Setup Time:** Expected total setup time for the work order.
3. **Operation Details**
  - **Information Displayed:**
    - **Operation Number:** Unique identifier for each operation.
    - **Description:** Detailed description of each operation involved in the work order.
    - **Mile Stone Status:** status of the operation (e.g., true, false).
    - **Standard run and setup time:** run and setup times for each of the operation.
    - **Work Centre:** work centre where the operation is assigned.
4. **Job Orders**
  - **Information Displayed:**
    - **Job Order Number:** Unique identifier for job orders created for the work order.
    - **Operation Description:** operation description of each job order.
    - **Job Planned Date:** Planned date for each job order.
    - **Scheduled Dates:** Planned Start and end dates for each job order.
    - **Job Quantity:** Quantity for the job order.



- **Work order view table with its operations and job orders created.**

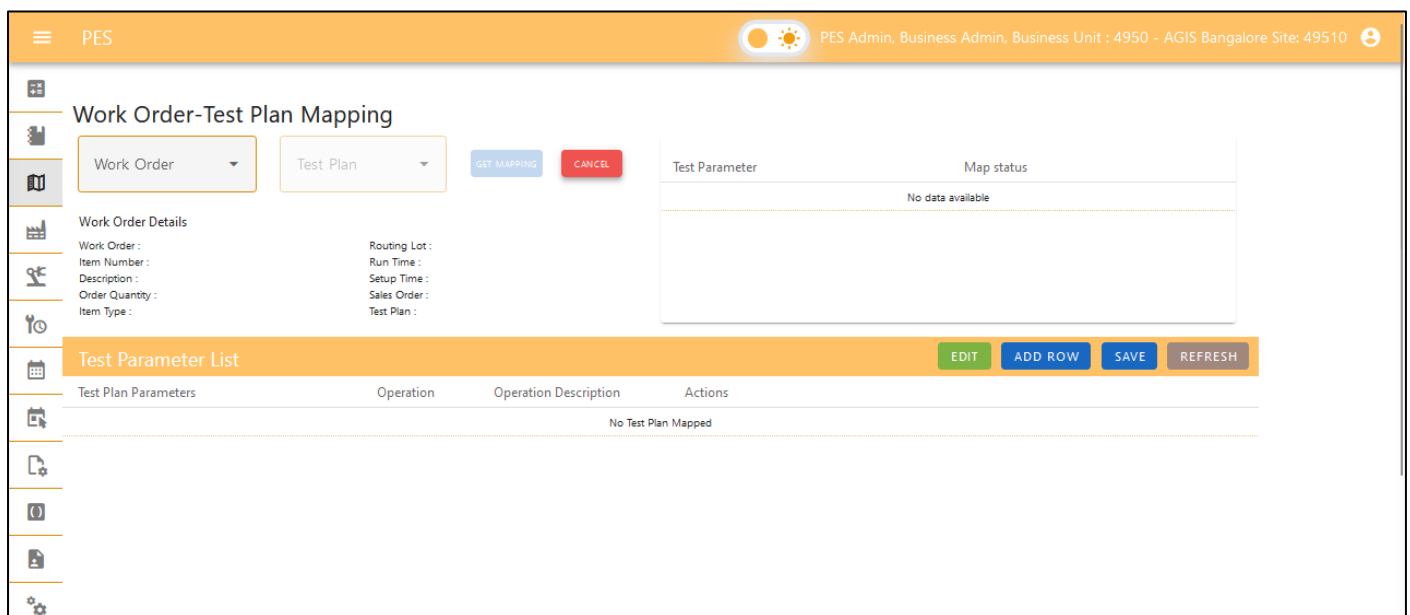
26

## Work order Test Plan Mapping

### Overview

The **Work Order Test Plan Mapper** is designed to facilitate the mapping of work orders to test plans. It involves selecting a work order and test plan from dropdown lists, then mapping test plan descriptions to work order operations. The feature includes a status display for each description and an option to clone mappings from recent work orders with the same item.

- Initial Screen



The screenshot displays the 'Work Order-Test Plan Mapping' interface. At the top, there's a header bar with the PES logo and user details: 'PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510'. The main content area is divided into several sections. On the left, a sidebar contains icons for navigation. The central panel features a 'Work Order-Test Plan Mapping' section with two dropdown menus for 'Work Order' and 'Test Plan', and buttons for 'GET MAPPING' and 'CANCEL'. Below these are 'Work Order Details' and 'Test Parameter List' sections. The 'Test Parameter List' table is currently empty, showing 'No Test Plan Mapped'.

### Functional Components

- 1. Work Order Dropdown**
  - **Field Type:** Dropdown list
  - **Purpose:** Allows users to select a specific work order.
  - **Options:** List of available work orders.
- 2. Test Plan Dropdown**
  - **Field Type:** Dropdown list
  - **Purpose:** Allows users to select a specific test plan.
  - **Options:** List of available test plans.
- 3. Get Mapping Button**
  - **Field Type:** Button
  - **Purpose:** Fetches and displays all test plan descriptions and the operations involved in the selected work order.
- 4. Test Plan Description and Operation Mapping**
  - **Field Type:** Dropdown list (for operations)
  - **Purpose:** Allows users to map each test plan description to an operation from the selected work order.
  - **Editable:** Only operations can be selected; descriptions are read-only.
- 5. Mapping Status Display**

- **Field Type:** Status indicator or message
- **Purpose:** Shows the current status of each test plan description (e.g., whether it is correctly mapped or if any mappings are missing).

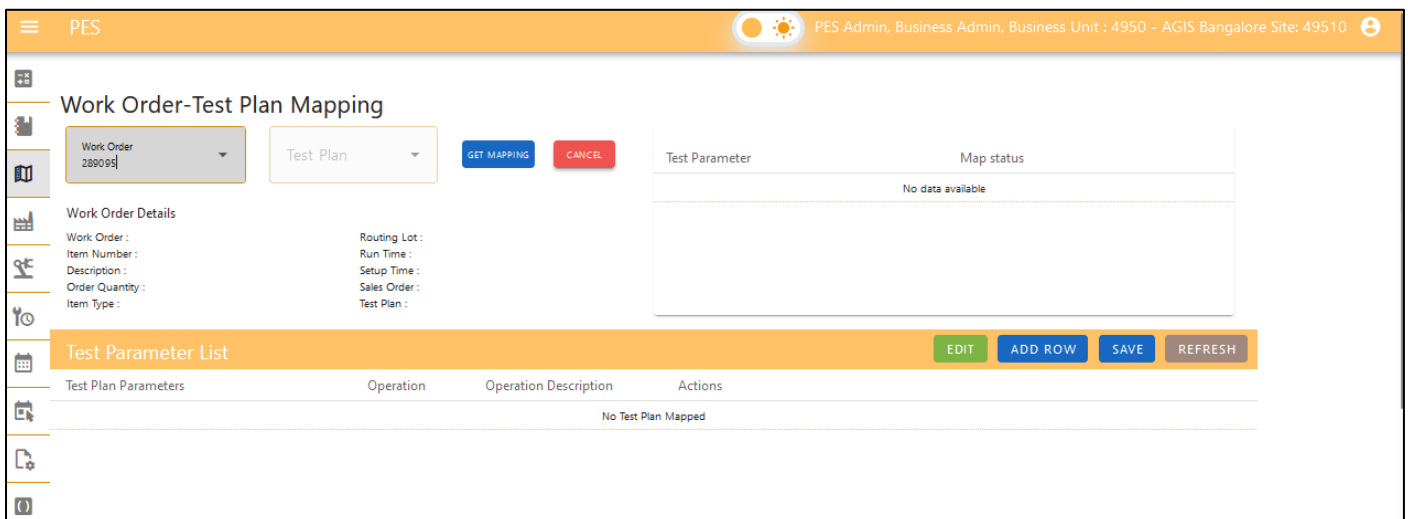
## 6. Clone Mapping Option

- **Field Type:** Button
- **Purpose:** Allows users to clone mappings from a recent work order with the same item.
- **Action:** Clicking the clone button duplicates the recent mapping setup, which can then be adjusted if needed.

## Implementation Steps

### 1. Select Work Order

- **Action:** Use the dropdown lists to select the desired work order and Click the **GET MAPPING** "Get Mapping" button.
- **Result:** If no cloning possible is there Test plan dropdown will be released, else a confirmation pop up will be showed for cloning ([Clone Recent Mapping](#))



**Work Order-Test Plan Mapping**

Work Order: 289095 | Test Plan: | GET MAPPING | CANCEL

**Work Order Details**

Work Order :  
Item Number :  
Description :  
Order Quantity :  
Item Type :

Routing Lot :  
Run Time :  
Setup Time :  
Sales Order :  
Test Plan :

Test Parameter	Map status
No data available	

**Test Parameter List** | EDIT | ADD ROW | SAVE | REFRESH

Test Plan Parameters	Operation	Operation Description	Actions
No Test Plan Mapped			

### 2. Fetch Mappings

- **Action:** Select the test plan required from the dropdown.
- **Result:** The system retrieves and displays all test plan descriptions for the selected test plan and the operations available for the selected work order.

## Work Order-Test Plan Mapping

Work Order  
289095

Test Plan  
OW49255B

GET MAPPING

CANCEL

Work Order Details  
Work Order : 289095  
Item Number : 2P026885-004LF  
Description : 2P026885-004LF IOMC-SNS CBL  
Order Quantity : 1770  
Item Type : 632

Routing Lot : 8386942  
Run Time : 1456.71  
Setup Time : 0.4590000000000001  
Sales Order : 0  
Test Plan : OW49255B

Test Parameter	Map status
L-End A Braid to vendor ID label 70±5	Not Mapped
L-Braid to destination label A side 50±5	Not Mapped
Nick mark As per Req.	Not Mapped
Terminal cut As per Req.	Not Mapped
strands cut As per Req.	Not Mapped

Test Parameter List				EDIT	ADD ROW	SAVE	REFRESH
Test Plan Parameters	Operation	Operation Description	Actions				
L-End A Braid to vendor ID label 70±5	0						
L-Braid to destination label A side 50±5	0						
Nick mark As per Req.	0						
Terminal cut As per Req.	0						
strands cut As per Req.	0						
Terminal bend As per Req.	0						
free from Connector damage As per Req.	0						

### 3. Map Descriptions to Operations

- **Action:** For each test plan description, select an operation from the dropdown list.
- **Requirement:** Each test plan description must be mapped to an operation. This mapping is mandatory for scheduling.

PES

PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

## Work Order-Test Plan Mapping

Work Order  
289095

Test Plan  
OW49255B

GET MAPPING

CANCEL

Work Order Details  
Work Order : 289095  
Item Number : 2P026885-004LF  
Description : 2P026885-004LF IOMC-SNS CBL  
Order Quantity : 1770  
Item Type : 632

Routing Lot : 8386942  
Run Time : 1456.71  
Setup Time : 0.4590000000000001  
Sales Order : 0  
Test Plan : OW49255B

Test Parameter	Map status
L-End A Braid to vendor ID label 70±5	Mapped
L-Braid to destination label A side 50±5	Not Mapped
Nick mark As per Req.	Not Mapped
Terminal cut As per Req.	Not Mapped
strands cut As per Req.	Not Mapped

Test Parameter List
EDIT
ADD ROW
SAVE
REFRESH

Test Plan Parameters	Operation	Operation Description	Actions
L-End A Braid to vendor ID label 70±5	10	Cable Cutting/Stripping	
L-Braid to destination label A side 50±5	0		
Nick mark As per Req.	0		
Terminal cut As per Req.	0		
strands cut As per Req.	0		
Terminal bend As per Req.	0		
free from Connector damage As per Req.	0		

### 4. View Mapping Status

- **Action:** The status of each description is displayed above the mapping area.

## Work Order-Test Plan Mapping

Work Order  
289095

Test Plan  
QW49255B

GET MAPPING

CANCEL

**Work Order Details**

Work Order : 289095

Item Number : 2P026885-004LF

Description : 2P026885-004LF IOMC-SNS CBL

Order Quantity : 1770

Item Type : 632

Routing Lot : 8386942

Run Time : 1456.71

Setup Time : 0.45900000000000001

Sales Order : J0

Test Plan : QW49255B

Test Parameter	Map status
L-End A Braid to vendor ID label 70±5	Mapped
L-Braid to destination label A side 50±5	Not Mapped
Nick mark As per Req.	Mapped
Terminal cut As per Req.	Mapped
strands cut As per Req.	Mapped

Test Parameter List

EDIT

ADD ROW

SAVE

REFRESH

Test Plan Parameters	Operation	Operation Description	Actions
L-End A Braid to vendor ID label 70±5	10	Cable Cutting/Stripping	
L-Braid to destination label A side 50±5	0		
Nick mark As per Req.	30	Cable Twisting	
Terminal cut As per Req.	40	Housing	
strands cut As per Req.	70	Housing Terminal Insert	

### 5. Save Mappings

- **Action:** Ensure all mappings are complete and correct.
- **Validation:** The system may provide feedback or require confirmation before allowing the work order to be scheduled.
- **Status Example:** "Mapped," "Not Mapped," or any other relevant status indicator.

### Clone Recent Mapping

- The **Clone Mapping** feature allows users to quickly replicate mappings from a recent work order with the same item. This functionality aids in streamlining the mapping process by reusing existing setups.

### Example Workflow

#### 1. Initiate Cloning

- User selects the relevant work order.
- Clicks the "Get Mapping" button.
- If Cloning available, it opens a confirmation dialog

#### 2. Confirmation Dialog

- A dialog box appears: "Item number "Item Number" of workorder "work order number" is previously mapped with test plan. Do you want to clone?"
- User clicks OK to proceed with cloning.

## Work Order-Test Plan Mapping

Work Order

289095

Test Plan

GET MAPPING

CANCEL

Test Parameter

Map status

No data available

Work Order Details

Work Order : 289095

Item Number : 2P026885-004LF

Description : 2P026885-004LF IOMC-SNS CBL

Order Quantity : 1770

Item Type : 632

Routing Lot : 8386942

Run Time : 1456.71

Setup Time : 0.4590000

Sales Order : 0

Test Plan :

Test Parameter List

Test Plan Parameters

Operation

No Test Plan Mapped

OK

Cancel

EDIT

ADD ROW

SAVE

REFRESH

localhost:3000

Item number 2P026885-004LF of workorder 289090 is previously mapped with test plan . Do you want to clone ?

### 3. View and Edit Cloned Data

- The system populates the mapping fields with the cloned data.
- User reviews and, if necessary, modifies the data.

PES
PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

---

### Work Order-Test Plan Mapping

**Work Order Details**

Work Order : 289095  
 Item Number : 2P026885-004LF  
 Description : 2P026885-004LF IOMC-SNS CBL  
 Order Quantity : 1770  
 Item Type : 632

**Routing Lot : 8386942**  
**Run Time : 1456.71**  
**Setup Time : 0.459000000000000001**  
**Sales Order : J0**  
**Test Plan : 2P026885-004LF**

Work Order  
289095

Test Plan  
2P026885-004LF

GET MAPPING

CANCEL

Test Parameter	Map status
Wire gauge 28AWG	Mapped
Wire gauge 26AWG	Mapped
UL Type 1061	Mapped
UL Type 1007	Mapped
Cable color Black/Yellow	Mapped

**Test Parameter List**

EDIT
ADD ROW
SAVE
REFRESH

Test Plan Parameters	Operation	Operation Description	Actions
Wire gauge 28AWG	10	Cable Cutting/Stripping	
Wire gauge 26AWG	10	Cable Cutting/Stripping	
UL Type 1061	10	Cable Cutting/Stripping	
UL Type 1007	10	Cable Cutting/Stripping	
Cable color Black/Yellow	10	Cable Cutting/Stripping	
cable part no 1CBL1P28AWG1061B/Y	10	Cable Cutting/Stripping	
cable part no 1CBL1P28AWG1007BK	10	Cable Cutting/Stripping	

4. Save or Adjust.



## Holiday

The Holiday Viewer is a read-only interface designed to display the holidays recognized at a site, which are factored into scheduling processes. Users cannot edit or delete records through this view. Key features include:

- **Holiday List:** Display of all holidays observed at the site.
- **Holiday Details:** Dates and descriptions of each holiday.

This viewer provides a comprehensive overview of site holidays to assist in accurate scheduling without allowing modifications.

Holiday			
Business Unit	Site	Date	Holiday Name
4950	49510	26-02-2024	Lockdown
4950	49510	29-03-2024	Good Friday
4950	49510	15-08-2024	Independence day
4950	49510	02-10-2024	GANDHI JAYANTHI
4950	49510	25-12-2024	CHRISTMAS
Items per page: 25 1-5 of 5  < < > >			





# Production Line Status

## Overview

The **Production Line Status** screen provides a real-time overview of the operational status of various production lines within a manufacturing facility. This feature is designed to help managers to monitor the performance and current state of each production line, enabling timely decisions and efficient operations.

- Initial Screen

Production Line Status

Filter Status

Add Production Line Status

PL Line

PL Status

Reason

Start Date & Time

End Date & Time

SAVE

CANCEL

Production Line Status

Search

REFRESH

PL Line	Shift	PL Status	Reason	Start Time	End Time	Job Order	Op	OEE	Availability	Qty	Perf	Planned Qty	Actual Qty	Actions
CUTM1	S1	Completed		25/03/2024 07:00:00	25/03/2024 07:27:36	289093-01	10							
CUTM1	S1	Completed		25/03/2024 07:27:36	25/03/2024 07:43:12	289093-01	20							
SFSA1	S1	Completed		25/03/2024 07:43:12	25/03/2024 08:22:48	289093-01	30							
SPWH1	S1	Completed		25/03/2024 08:22:48	25/03/2024 09:32:24	289093-01	999	6469.86	9242.66	93.33	75	20	15	
CUTM3	S1	Completed		25/03/2024 07:00:00	25/03/2024 07:55:12	289094-01	10							
CUTM3	S1	Completed		25/03/2024 07:55:12	25/03/2024 08:26:24	289094-01	20							
CUTM3	S1	Completed		25/03/2024 08:26:24	25/03/2024 10:45:36	289094-01	999	2669.64	3955.03	90	75	40	30	
CUTM4	S1	Completed		25/03/2024 07:00:00	25/03/2024 07:34:30	289084-01	10							
CUTM4	S1	In Progress		25/03/2024 07:34:30	25/03/2024 07:54:00	289084-01	20							
SPWH4	S1	Planned		12/07/2024 08:27:00	12/07/2024 09:54:00	289084-01	999							

## Key Features

- Create or Edit Production Line Status**
  - Purpose:** Allows users to define and update the status of each production line.
  - Statuses:**
    - Breakdown:** Indicates that the production line is non-operational due to equipment failure or other issues.
    - Idle:** Represents a state where the production line is operational but not currently in use.
    - Maintenance:** Denotes that the production line is undergoing maintenance and is temporarily out of service.
    - Planned:** Shows upcoming scheduled activities by the scheduler.
- Scheduling Integration**
  - Purpose:** Prevents scheduling conflicts by considering the current status of production lines.
  - Functionality:** The system will cross-reference scheduled jobs with the production line status to avoid overlapping with periods of Breakdown, Idle, or Maintenance.
- Efficiency Monitoring**
  - Purpose:** Tracks the performance and utilization of production lines.
  - Functionality:** Provides metrics on how often production lines are in each status, helping to identify areas for improvement and optimize production scheduling.

#### 4. Avoid Scheduling Conflicts

- **Purpose:** Ensures that new jobs or production schedules do not overlap with existing statuses.
- **Functionality:** Alerts users if a scheduled job conflicts with a production line's current status (e.g., scheduling a job during a Maintenance period).

#### Create or Edit Status

- **Creation:**
  - **Fields Required:** Select Production line, status type (Breakdown, Idle, Maintenance), reason, enter start time, end time.
  - **Save:** Confirm and save the new status.
- Entry of new record with Production Line, PL status, Reason, Start time and End time
  - Production Line: CUTM1
  - PL Status: Breakdown
  - Start Time: 20-08-2024 12:17:00
  - End Time: 20-08-2024 15:17:00

PL Line

CUTM1

PL Status

Breakdown

Reason

BD101 - Machine Breakdown

Start Date & Time

20-08-2024 12:17

End Date & Time

20-08-2024 15:17

SAVE


CANCEL

Filter Status


Production Line Status														Search	REFRESH
PL Line	Shift	PL Status	Reason	Start Time	End Time	Job Order	Op	OEE	Availability	Qty	Perf	Planned Qty	Actual Qty	Actions	
CUTM1	S1	Completed		25/03/2024 07:00:00	25/03/2024 07:27:36	289093-01	10								
CUTM1	S1	Completed		25/03/2024 07:27:36	25/03/2024 07:43:12	289093-01	20								
SFSA1	S1	Completed		25/03/2024 07:43:12	25/03/2024 08:22:48	289093-01	30								
SFWH1	S1	Completed		25/03/2024 08:22:48	25/03/2024 09:32:24	289093-01	999	6469.86	9242.66	93.33	75	20	15		
CUTM3	S1	Completed		25/03/2024 07:00:00	25/03/2024 07:55:12	289094-01	10								
CUTM3	S1	Completed		25/03/2024 07:55:12	25/03/2024 08:26:24	289094-01	20								
CUTM3	S1	Completed		25/03/2024 08:26:24	25/03/2024 10:45:36	289094-01	999	2669.64	3955.03	90	75	40	30		
CUTM4	S1	Completed		25/03/2024 07:00:00	25/03/2024 07:34:30	289084-01	10								
CUTM4	S1	In Progress		25/03/2024 07:34:30	25/03/2024 07:54:00	289084-01	20								
SFWH4	S1	Planned		12/07/2024 08:27:00	12/07/2024 09:54:00	289084-01	999								


- The new record got added and got split based on shift hours (S1 – 07:00:00 to 15:00:00, S2 – 15:00:00 to 23:00:00, S3 – 23:00:00 to 07:00:00)
  - Record 1:
    - Production Line: CUTM1
    - PL Status: Breakdown
    - Start Time: 20-08-2024 12:17:00
    - End Time: 20-08-2024 15:00:00
  - Record 2:
    - Production Line: CUTM1
    - PL Status: Breakdown
    - Start Time: 20-08-2024 15:00:00
    - End Time: 20-08-2024 15:17:00


Production Line Status


Filter Status 


Add Production Line Status

PL Line 

PL Status 













Reason 

Start Date & Time 

End Date & Time 

SAVE

CANCEL

Production Line Status														Search	REFRESH
PL Line	Shift	PL Status	Reason	Start Time	End Time	Job Order	Op	OEE	Availability	Qty	Perf	Planned Qty	Actual Qty	Actions	
CUTM1	S1	Maintenance	MAN101- cable shortage	23/09/2024 10:12:00	23/09/2024 15:00:00									 	
CUTM1	S2	Maintenance	MAN101- cable shortage	23/09/2024 15:00:00	23/09/2024 23:00:00									 	
CUTM1	S3	Maintenance	MAN101- cable shortage	23/09/2024 23:00:00	24/09/2024 07:00:00									 	
CUTM1	S1	Maintenance	MAN101- cable shortage	24/09/2024 07:00:00	24/09/2024 10:22:00									 	
CUTM1	S1	Breakdown	BD101- Machine Breakdown	20/08/2024 12:17:00	20/08/2024 15:00:00									 	
CUTM1	S2	Breakdown	BD101- Machine Breakdown	20/08/2024 15:00:00	20/08/2024 15:17:00									 	

- **Editing (only for the future statuses):**
  - **Action:** Select an existing status from the list.
  - **Fields Editable:** Update status type, start time, end time, and notes.
  - **Save:** Confirm and save the changes.
- Editing the existing record
  - Production Line: CUTM1
  - PL Status: Breakdown
  - Start Time: 20-08-2024 12:17:00
  - End Time: 20-08-2024 15:00:00

PL Line

CUTM1

PL Status

Break down

Reason

BD101 - Machine Breakdown

Start Time

20-08-2024 12:17

End Time

20-08-2024 15:00

SAVE

CANCEL

Production Line Status

Search

REFRESH

PL Line	Shift	PL Status	Reason	Start Time	End Time	Job Order	Op	OEE	Availability	Qty	Perf	Planned Qty	Actual Qty	Actions
CUTM1	S1	Maintenance	MAN101- cable shortage	23/09/2024 10:12:00	23/09/2024 15:00:00									
CUTM1	S2	Maintenance	MAN101- cable shortage	23/09/2024 15:00:00	23/09/2024 23:00:00									
CUTM1	S3	Maintenance	MAN101- cable shortage	23/09/2024 23:00:00	24/09/2024 07:00:00									
CUTM1	S1	Maintenance	MAN101- cable shortage	24/09/2024 07:00:00	24/09/2024 10:22:00									
CUTM1	S1	Breakdown	BD101- Machine Breakdown	20/08/2024 12:17:00	20/08/2024 15:00:00									
CUTM1	S2	Breakdown	BD101- Machine Breakdown	20/08/2024 15:00:00	20/08/2024 15:17:00									

- Editing the start time of the record
  - Production Line: CUTM1
  - PL Status: Breakdown
  - Start Time: 20-08-2024 12:00:00 (from 12:17:00)**
  - End Time: 20-08-2024 15:17:00

PL Line

CUTM1

PL Status

Breakdown

Reason

BD101 - Machine Breakdown

Start Time

20-08-2024 12:00

End Time

20-08-2024 15:00

SAVE

CANCEL

Production Line Status

Mo Aug 2024

REFRESH

PL Line	Shift	PL Status	Reason	Start Time	End Time	Job Order	Op	OEE	Availability	Qty	Perf	Planned Qty	Actual Qty	Actions
CUTM1	S1	Maintenance	MAN101- cable shortage	23/09/2024 10:12:00	23/09/2024 15:00:00									
CUTM1	S2	Maintenance	MAN101- cable shortage	23/09/2024 15:00:00	23/09/2024 23:00:00									
CUTM1	S3	Maintenance	MAN101- cable shortage	23/09/2024 23:00:00	24/09/2024 07:00:00									
CUTM1	S1	Maintenance	MAN101- cable shortage	24/09/2024 07:00:00	24/09/2024 10:22:00									
CUTM1	S1	Breakdown	BD101- Machine Breakdown	20/08/2024 12:17:00	20/08/2024 15:00:00									
CUTM1	S2	Breakdown	BD101- Machine Breakdown	20/08/2024 15:00:00	20/08/2024 15:17:00									

- Edit record saved
  - Production Line: CUTM1
  - PL Status: Breakdown
  - Start Time: 20-08-2024 12:00:00
  - End Time: 20-08-2024 15:17:00

Production Line Status

Filter Status

Add Production Line Status

PL Line

PL Status

Reason

Start Date & Time

End Date & Time













SAVE

CANCEL

Production Line Status

Search

REFRESH

PL Line	Shift	PL Status	Reason	Start Time	End Time	Job Order	Op	OEE	Availability	Qty	Perf	Planned Qty	Actual Qty	Actions
CUTM1	S1	Maintenance	MAN101- cable shortage	23/09/2024 10:12:00	23/09/2024 15:00:00									 
CUTM1	S2	Maintenance	MAN101- cable shortage	23/09/2024 15:00:00	23/09/2024 23:00:00									 
CUTM1	S3	Maintenance	MAN101- cable shortage	23/09/2024 23:00:00	24/09/2024 07:00:00									 
CUTM1	S1	Maintenance	MAN101- cable shortage	24/09/2024 07:00:00	24/09/2024 10:22:00									 
CUTM1	S1	Breakdown	BD101- Machine Breakdown	20/08/2024 12:00:00	20/08/2024 15:00:00									 
CUTM1	S2	Breakdown	BD101- Machine Breakdown	20/08/2024 15:00:00	20/08/2024 15:17:00									 

- **Delete (only for future statuses):**
  - **Action:** Select the status to be deleted. Confirm it from the dialogue box and also the data won't be considered for upcoming scheduling.
  - **Selecting the record for deletion**
    - Production Line: CUTM1
    - PL Status: Breakdown
    - Start Time: 20-08-2024 15:00:00
    - End Time: 20-08-2024 15:17:00

Production Line Status

Filter Status

Add Production Line Status

PL Line

PL Status

Reason

Start Date & Time

End Date & Time

SAVE

CANCEL

Production Line Status

Search

REFRESH

PL Line	Shift	PL Status	Reason	Start Time	End Time	Job Order	Op	OEE	Availability	Qty	Perf	Planned Qty	Actual Qty	Actions
CUTM1	S1	Maintenance	MAN101- cable shortage	23/09/2024 10:12:00	23/09/2024 15:00:00									<div></div> <div></div>
CUTM1	S2	Maintenance	MAN101- cable shortage	23/09/2024 15:00:00	23/09/2024 23:00:00									<div></div> <div></div>
CUTM1	S3	Maintenance	MAN101- cable shortage	23/09/2024 23:00:00	24/09/2024 07:00:00									<div></div> <div></div>
CUTM1	S1	Maintenance	MAN101- cable shortage	24/09/2024 07:00:00	24/09/2024 10:22:00									<div></div> <div></div>
CUTM1	S1	Breakdown	BD101- Machine Breakdown	20/08/2024 12:00:00	20/08/2024 15:00:00									<div></div> <div></div>
CUTM1	S2	Breakdown	BD101- Machine Breakdown	20/08/2024 15:00:00	20/08/2024 15:17:00									<div></div> <div></div>

- **Confirmation before deleting the record.**

Production Line Status

Filter Status ▼

Add Production Line Status

PL Line ▼

PL Status ▼

Reason ▼

Start Date & Time

End Date & Time

SAVE

CANCEL

Production Line Status

Are you sure you want to delete this item?

OK

CANCEL

Search

REFRESH

PL Line	Shift	PL Status	Reason	Start Time	End Time	Job Order	Op	OEE	Availability	Qty	Perf	Planned Qty	Actual Qty	Actions
CUTM1	S1	Maintenance	MAN101- cable shortage	23/09/2024 10:12:00	23/09/2024 15:00:00									
CUTM1	S2	Maintenance	MAN101- cable shortage	23/09/2024 15:00:00	23/09/2024 23:00:00									
CUTM1	S3	Maintenance	MAN101- cable shortage	23/09/2024 23:00:00	24/09/2024 07:00:00									
CUTM1	S1	Maintenance	MAN101- cable shortage	24/09/2024 07:00:00	24/09/2024 10:22:00									
CUTM1	S1	Breakdown	BD101- Machine Breakdown	20/08/2024 12:00:00	20/08/2024 15:00:00									
CUTM1	S2	Breakdown	BD101- Machine Breakdown	20/08/2024 15:00:00	20/08/2024 15:17:00									

- Record got deleted.
  - Production Line: CUTM1
  - PL Status: Breakdown
  - Start Time: 20-08-2024 15:00:00
  - End Time: 20-08-2024 15:17:00

Production Line Status

Filter Status ▼

Add Production Line Status

PL Line ▼

PL Status ▼

Reason ▼

Start Date & Time

End Date & Time

SAVE

CANCEL

Production Line Status

Search

REFRESH

PL Line	Shift	PL Status	Reason	Start Time	End Time	Job Order	Op	OEE	Availability	Qty	Perf	Planned Qty	Actual Qty	Actions
CUTM1	S1	Maintenance	MAN101- cable shortage	23/09/2024 10:12:00	23/09/2024 15:00:00									
CUTM1	S2	Maintenance	MAN101- cable shortage	23/09/2024 15:00:00	23/09/2024 23:00:00									
CUTM1	S3	Maintenance	MAN101- cable shortage	23/09/2024 23:00:00	24/09/2024 07:00:00									
CUTM1	S1	Maintenance	MAN101- cable shortage	24/09/2024 07:00:00	24/09/2024 10:22:00									
CUTM1	S1	Breakdown	BD101- Machine Breakdown	20/08/2024 12:00:00	20/08/2024 15:00:00									

## Shift-Based Data Storage

- Description:** Data is stored based on shifts, where each shift represents an 8-hour period.
- Example:** If a production line status of "Maintenance" is recorded from 22/03/2024 07:00:00 to 23/03/2024 07:00:00 (24 hours), this period will be automatically divided into three shifts:
  - Shift 1 (S1):** 22/03/2024 07:00:00 to 22/03/2024 15:00:00
  - Shift 2 (S2):** 22/03/2024 15:00:00 to 22/03/2024 23:00:00
  - Shift 3 (S3):** 22/03/2024 23:00:00 to 23/03/2024 07:00:00

PL Line

▼

PL Status

▼

Reason

▼

Start Date & Time

📅

End Date & Time

📅

SAVE

CANCEL

Production Line Status

Search main

REFRESH

PL Line	Shift	PL Status	Reason	Start Time	End Time	Job Order	Op	OEE	Availability	Qty	Perf	Planned Qty	Actual Qty	Actions
CUTM3	S3	MaintenanceRB101-	SHRINK MARK	21/03/2024 23:00:00	22/03/2024 00:00:00									
CUTM1	S2	MaintenanceRJ101-	Cable Damage	21/03/2024 15:30:00	21/03/2024 23:00:00									
CUTM1	S1	MaintenanceRB101-	SHRINK MARK	22/03/2024 07:00:00	22/03/2024 15:00:00									
CUTM1	S2	MaintenanceRB101-	SHRINK MARK	22/03/2024 15:00:00	22/03/2024 23:00:00									
CUTM1	S3	MaintenanceRB101-	SHRINK MARK	22/03/2024 23:00:00	23/03/2024 07:00:00									
CUTM1	S1	MaintenanceRB101-	SHRINK MARK	08/04/2024 07:00:00	08/04/2024 15:00:00									
CUTM1	S2	MaintenanceRB101-	SHRINK MARK	08/04/2024 15:00:00	08/04/2024 23:00:00									
CUTM1	S3	MaintenanceRB101-	SHRINK MARK	08/04/2024 23:00:00	08/04/2024 23:01:00									
CUTM1	S1	MaintenanceBD102-	TESTING	27/04/2024 07:00:00	27/04/2024 15:00:00									
CUTM1	S1	MaintenanceBD102-	TESTING	03/07/2024 10:58:00	03/07/2024 11:00:00									

### Other Features

- Filtering by Date Range:**
  - Purpose:** Allows users to view statuses within a specific date range, improving the ability to manage and analyze data for particular periods.
  - Steps:**
    - Click on filter icon on top right.
    - Select start and end dates, apply filter, view results.

PL Line

▼

PL Status

▼

Reason

▼

Start Date & Time

📅

End Date & Time

📅

SAVE

CANCEL

Production Line Status

Search

REFRESH

PL Line	Shift	PL Status	Reason	Start Time	End Time	Job Order	Op	OEE	Availability	Qty	Perf	Planned Qty	Actual Qty	Actions
CUTM1	S1	Completed		25/03/2024 07:00:00	25/03/2024 07:27:36	289093-01	10							
CUTM1	S1	Completed		25/03/2024 07:27:36	25/03/2024 07:43:12	289093-01	20							
SFSA1	S1	Completed		25/03/2024 07:43:12	25/03/2024 08:22:48	289093-01	30							
SPWH1	S1	Completed		25/03/2024 08:22:48	25/03/2024 09:32:24	289093-01	999	6469.86	9242.66	93.33	75	20	15	
CUTM3	S1	Completed		25/03/2024 07:00:00	25/03/2024 07:55:12	289094-01	10							
CUTM3	S1	Completed		25/03/2024 07:55:12	25/03/2024 08:26:24	289094-01	20							
CUTM3	S1	Completed		25/03/2024 08:26:24	25/03/2024 10:45:36	289094-01	999	2669.64	3955.03	90	75	40	30	
CUTM4	S1	Completed		25/03/2024 07:00:00	25/03/2024 07:34:30	289084-01	10							
CUTM4	S1	In Progress		25/03/2024 07:34:30	25/03/2024 07:54:00	289084-01	20							
SPWH4	S1	Planned		12/07/2024 08:27:00	12/07/2024 09:54:00	289084-01	999							

- Selection of Start and End time
  - Start Time: 01-08-2024 12:08:00
  - End Time: 31-08-2024 12:08:00

Production Line Status

Filter Status

Add Production Line Status

PL Line

PL Status

Reason

Start Date & Time

End Date & Time

SAVE

CANCEL

Filter Options

Start Date & Time

End Date & Time

SEARCH

Production Line Status

PL Line

Shift

PL Status

Reason

CUTM1	S1	Completed	
CUTM1	S1	Completed	
SFSA1	S1	Completed	25/03/2024 07:43:12 25/03/2024 08:22:48 289093-01 30
SPWH1	S1	Completed	25/03/2024 08:22:48 25/03/2024 09:32:24 289093-01 999 6469.86 9242.66 93.33 75 20 15
CUTM3	S1	Completed	25/03/2024 07:00:00 25/03/2024 07:55:12 289094-01 10
CUTM3	S1	Completed	25/03/2024 07:55:12 25/03/2024 08:26:24 289094-01 20
CUTM3	S1	Completed	25/03/2024 08:26:24 25/03/2024 10:45:36 289094-01 999 2669.64 3955.03 90 75 40 30
CUTM4	S1	Completed	25/03/2024 07:00:00 25/03/2024 07:34:30 289084-01 10
CUTM4	S1	In Progress	25/03/2024 07:34:30 25/03/2024 07:54:00 289084-01 20
SPWH4	S1	Planned	12/07/2024 08:27:00 12/07/2024 09:54:00 289084-01 999

- Records available for the Selected Dates
  - First Page

Production Line Status

Filter Status

Add Production Line Status

PL Line

PL Status

Reason

Start Date & Time

End Date & Time

SAVE

CANCEL

Production Line Status

Search

REFRESH

PL Line	Shift	PL Status	Reason	Start Time	End Time	Job Order	Op	OEE	Availability	Qty	Perf	Planned Qty	Actual Qty	Actions
CUTM1	S1	Maintenance	MAN101- cable shortage	05/08/2024 07:00:00	05/08/2024 10:31:00									
CUTM1	S2	Planned		06/08/2024 08:00:00	06/08/2024 09:09:00	289080-11	10							
CUTM1	S2	Planned		06/08/2024 09:09:00	06/08/2024 09:48:00	289080-11	20							
CUTM1	S1	Planned		06/08/2024 09:48:00	06/08/2024 10:50:06	289090-05	10							
SFSA1	S2	Planned		06/08/2024 09:48:00	06/08/2024 11:57:00	289080-11	140							
CUTM1	S1	Planned		06/08/2024 10:50:06	06/08/2024 11:25:12	289090-05	20							
SFFO1	S1	Planned		06/08/2024 11:25:12	06/08/2024 13:21:18	289090-05	140							
SFSE1	S2	Planned		06/08/2024 11:57:00	06/08/2024 14:06:00	289080-11	150							
SPWH1	S2	Planned		06/08/2024 14:06:00	06/08/2024 17:00:00	289080-11	999							
SFSA1	S2	Planned		06/08/2024 15:00:00	06/08/2024 16:56:06	289090-05	150							

Items per page:

10

1-10 of 154

<<

<

>

>>



- Last page

### Production Line Status

Filter Status 

### Add Production Line Status

PL Line

PL Status

Reason

Start Date & Time

End Date & Time

SAVE

CANCEL

Production Line Status

Search

REFRESH

PL Line	Shift	PL Status	Reason	Start Time	End Time	Job Order	Op	OEE	Availability	Qty	Perf	Planned Qty	Actual Qty	Actions
SFSE3	S3	Planned		29/08/2024 02:09:36	29/08/2024 03:52:48	289080-35	140							
SFWH4	S3	Planned		29/08/2024 03:52:48	29/08/2024 06:12:00	289080-34	999							
SFSE4	S3	Planned		29/08/2024 03:52:48	29/08/2024 05:36:00	289080-35	150							
SFWH4	S1	Planned		29/08/2024 07:00:00	29/08/2024 09:19:12	289080-35	999							



- **Search Across Data:**
  - **Purpose:** Enables users to quickly locate specific statuses based on various criteria such as status type, production line, or reason.
  - **Steps:** Enter search like production line, status, start or end time and view results.

Production Line Status

Filter Status

Add Production Line Status

PL Line

PL Status

Reason

Start Date & Time

End Date & Time

SAVE

CANCEL

Production Line Status

Search main

REFRESH

PL Line	Shift	PL Status	Reason	Start Time	End Time	Job Order	Op	OEE	Availability	Qty	Perf	Planned Qty	Actual Qty	Actions
CUTM1	S1	Maintenance	MAN101- cable shortage	05/08/2024 07:00:00	05/08/2024 10:31:00									
CUTM1	S3	Maintenance	MAN101- cable shortage	26/08/2024 23:18:00	27/08/2024 07:00:00									
CUTM1	S1	Maintenance	MAN101- cable shortage	27/08/2024 07:00:00	27/08/2024 15:00:00									
CUTM1	S2	Maintenance	MAN101- cable shortage	27/08/2024 15:00:00	27/08/2024 16:19:00									



Scheduling Work Bench

Overview

The Scheduling Work Bench is designed to efficiently manage work orders, including splitting large quantities into smaller job orders, editing schedules, and providing comprehensive views of production line statuses. This tool enhances scheduling accuracy and resource management by offering real-time insights and graphical representations of production schedules.

- Initial Page

Scheduling Work Bench

WorkOrder :  
Item Number :  
Description :  
Order Quantity :  
Sales Order :

Routing Lot :  
Run Time :  
Setup Time :  
Test Plan :  
Item Type :

GET PLREFRESHADD ROW

Work Order	Item Number/ Order Quantity	Job Order	Operation	Job Date	Planned Start Date	Planned End Date	PL	Shift	Load Qty	Setup	Status
289080	2P026885-004LF/ 1770	289080-01	140 - Electrical Testing	26/03/2024	26/03/2024 15:43:12	26/03/2024 16:34:48	SFSA2	S2	20	<input type="checkbox"/>	
289080	2P026885-004LF/ 1770	289080-01	150 - Packing	26/03/2024	26/03/2024 16:34:48	26/03/2024 17:26:24	SFSE2	S2	20	<input type="checkbox"/>	
289093	0w49323CLF/ 400	289093-02	10 - Cable Cutting	24/04/2024	24/04/2024 15:00:00	24/04/2024 15:14:35	CUTM3	S2	10	<input type="checkbox"/>	
289093	0w49323CLF/ 400	289093-02	20 - Crimping	24/04/2024	24/04/2024 15:14:35	24/04/2024 15:22:23	CUTM2	S2	10	<input type="checkbox"/>	
289093	0w49323CLF/ 400	289093-02	30 - Housing	24/04/2024	24/04/2024 23:00:00	24/04/2024 23:21:36	CUTM4	S3	10	<input type="checkbox"/>	
289093	0w49323CLF/ 400	289093-02	999 - SF Wkctr for WH	24/04/2024	24/04/2024 23:21:36	24/04/2024 23:56:24	SFSE2	S3	10	<input type="checkbox"/>	

Items per page: All1-285 of 285<<<>>>

YESTERDAYTODAYTOMORROWSELECT DATE

Today Schedule

Search PL #GET PL SCHE

P L #Shift 1Shift 2Shift 3

- Scroll Down for Production Line Status Graphical Chart View

YESTERDAYTODAYTOMORROWSELECT DATE

Today Schedule

Search PL #GET PL SCHEDULE

P L #Shift 1Shift 2Shift 3

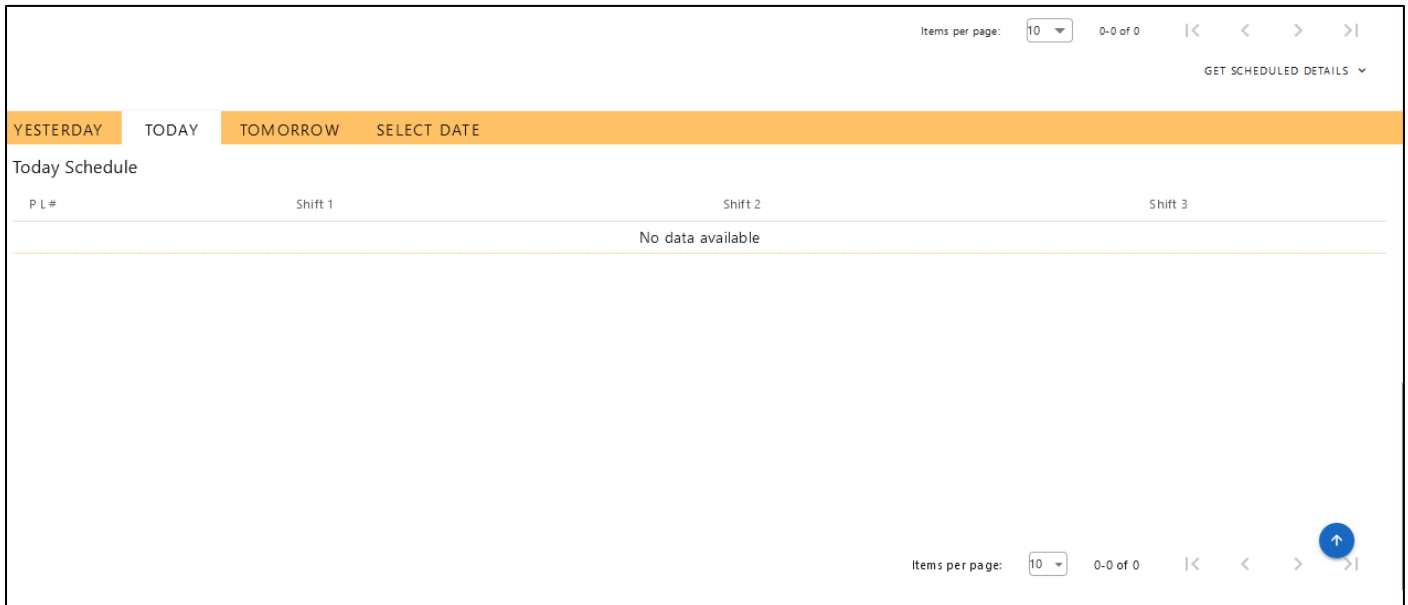
No data available

Items per page: 100-0 of 0<<<>>>

GET SCHEDULED DE

YESTERDAYTODAYTOMORROWSELECT DATE

○ Scroll Down for PL Status Graph View



## Key Features

### 1. Bulk Quantity Splitting:

- **Work Order Management:** Start with a bulk work order, e.g., 1000 units.
- **Job Order Creation:** Divide the bulk quantity into smaller, manageable job orders. For example, split 1000 units into multiple job orders of 100 units each or other specified quantities.
- **Custom Splits:** Configure varying quantities for each job order as needed to match production requirements and line capacities.

### 2. Operation Assignment:

- Allocate each split job order to specific production lines.
- Assign shifts and dates for each job order based on operational availability and scheduling requirements.

### 3. Validation Process:

- Use the "Validate" button to ensure that each split job order is feasible and that resources are available.
- The system checks if the production line, shift, and date are clear of conflicts and if the schedule adheres to all constraints.
- Positive validation allows you to save the job orders; negative validation provides error messages for required adjustments.
- Save the validated job orders.

#### 4. Edit Schedule Functionality:


- **Editable Job Orders:** If a job order has not yet started, you can edit its details, including production line, shift, and date.
- **Revalidation:** After making changes to the job order, revalidate the schedule to ensure all adjustments are compatible and conflicts are resolved.
- **Update and Save:** Apply changes and save the updated job order schedule once revalidation is successful.

#### 5. Error Handling and Revalidation:

- Address any validation issues by modifying the production line, shift, or date as suggested by the system.
- Revalidate after adjustments to ensure all conditions are satisfied.
- Continue this process until all job orders are successfully validated and saved.

#### 6. Production Line Status Viewing:




- **Status Screen Access:** View the status of production line directly from the Scheduling Work Bench.
- **Scheduling Based on Status:** Make informed scheduling decisions based on the current status of production lines to avoid conflicts and optimize resource utilization.
- All actions involved in production line status can be done from the pop up screen.







- Click on  Get PL button to see the PL records.


### Scheduling Work Bench

Work Order :  
Item Number :  
Description :  
Order Quantity :  
Sales Order :

Routing Lot :  
Run Time :  
Setup Time :  
Test Plan :  
Item Type :

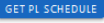




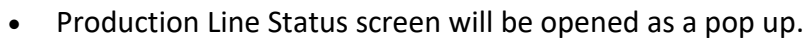
Work Order	Item Number/ Order Quantity	Job Order	Operation	Job Date	Planned Start Date	Planned End Date	PL	Shift	Load Qty	Setup	Status
289080	2P026885-004LF/ 1770	289080-01	140 - Electrical Testing	26/03/2024	26/03/2024 15:43:12	26/03/2024 16:34:48	SFSA2	S2	20		
289080	2P026885-004LF/ 1770	289080-01	150 - Packing	26/03/2024	26/03/2024 16:34:48	26/03/2024 17:26:24	SFSE2	S2	20		
289093	0w49323CLF/ 400	289093-02	10 - Cable Cutting	24/04/2024	24/04/2024 15:00:00	24/04/2024 15:14:35	CUTM3	S2	10		
289093	0w49323CLF/ 400	289093-02	20 - Crimping	24/04/2024	24/04/2024 15:14:35	24/04/2024 15:22:23	CUTM2	S2	10		
289093	0w49323CLF/ 400	289093-02	30 - Housing	24/04/2024	24/04/2024 23:00:00	24/04/2024 23:21:36	CUTM4	S3	10		
289093	0w49323CLF/ 400	289093-02	999 - SF Wictr for WH	24/04/2024	24/04/2024 23:21:36	24/04/2024 23:56:24	SFSE2	S3	10		

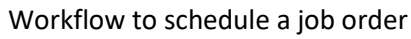
Items per page:  1-285 of 285

YESTERDAY
TODAY
TOMORROW
SELECT DATE

Today Schedule

Search PL #


46



- Click the **ADD ROW** "Add Row" button to create a new job order entry in the scheduling workbench.

- New Pop up screen will be opened as below.

47

## 2. Select Work Order:

- Click the dropdown menu in the "Work Order" field.
- Choose the work order you want to schedule and click on **GET DETAILS** Get Details button. This action will automatically populate the mapped operations and their details from the backend.

Select Work Order

289080

GET DETAILS

Item Number

2P026885-004LF

Order Quantity

1770

Scheduled Qty

1590

Remaining Qty

180

Remaining Run Time

64:48:00

Per Piece Run Time

00:21:36

Load Quantity

0

Schedule Details

REFRESH

Job Order	Operation	Operation Desc	Run Time	Job Date	PL	Shift	Planned Start Date	Planned End Date	Setup	Status
289080-37	10	Cable Cutting/Stripping	00:01:23	18 / 08 / 2024						
289080-37	10	Cable Cutting/Stripping	00:01:23	18 / 08 / 2024						
289080-37	20	Crimping	00:00:47	18 / 08 / 2024						
289080-37	20	Crimping	00:00:47	18 / 08 / 2024						
289080-37	140	Electrical Testing	00:02:35	18 / 08 / 2024						

Items per page:

5

1-5 of 10

<<

<

>

>>

VALIDATE

SAVE

CLOSE

### 3. Define Job Order Details:

- **Quantity (Qty):** Enter the quantity for the job order.
- **Production Line (PL):** Select the production line where the job order will be executed.
- **Shift:** Specify the shift during which the job order will take place.
- **Date:** Set the date for each operation associated with the job order.



- Selection of job date & Enter the load quantity

PES

PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

Select Work Order

289090

GET DETAILS

Item Number  
2P026885-004LF

Order Quantity  
1750

Scheduled Qty  
327

Remaining Qty  
1423

Remaining Run Time  
256:08:24

Per Piece Run Time  
00:10:48

Load Quantity  
30

Schedule Details

REFRESH

Job Order	Operation	Operation Desc	Run Time	Job Date	PL	Shift	Planned Start Date	Planned End Date	Setup	Status
289090-10	10	Cable Cutting/Stripping	00:01:23	18 / 09 / 2024	CUTM1				<input type="checkbox"/>	
289090-10	20	Crimping	00:00:47						<input type="checkbox"/>	
289090-10	140	Electrical Testing	00:02:35						<input type="checkbox"/>	
289090-10	150	Packing	00:02:35						<input type="checkbox"/>	
289090-10	999	SF Wkctr for SA	00:03:29						<input type="checkbox"/>	

<

September 2024

>

Sun

Mon

Tue

Wed

Thu

Fri

Sat

25

26

27

28

29

30

31

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

1

2

3

4

5

Clear

Items per page: 5 1-5 of 5 < < > >

VALIDATE

SAVE

CLOSE

YESTERDAY TODAY TOMORROW SELECT DATE

- Selection of production line

PES

 PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

---

Select Work Order

GET DETAILS

Item Number  
**2P026885-004LF**

Order Quantity  
**1750**

Scheduled Qty  
**327**

Remaining Qty  
**1423**

Remaining Run Time  
**256:08:24**

Per Piece Run Time  
**00:10:48**

Load Quantity

---

### Schedule Details REFRESH

Job Order	Operation	Operation Desc	Run Time	Job Date	PL	Shift	Planned Start Date	Planned End Date	Setup	Status
289090-10	10	Cable Cutting/Stripping	00:01:23	18 / 09 / 2024	CUTM1	▼			<input type="checkbox"/>	
289090-10	20	Crimping	00:00:47	18 / 09 / 2024	CUTM3	▼			<input type="checkbox"/>	
289090-10	140	Electrical Testing	00:02:35	18 / 09 / 2024	SFSA1	▼			<input type="checkbox"/>	
289090-10	150	Packing	00:02:35	18 / 09 / 2024	SFSA2	▼			<input type="checkbox"/>	
289090-10	999	SF Wkctr for SA	00:03:29	18 / 09 / 2024	SFSA4	▼			<input type="checkbox"/>	
					SFSE2					
					CUTM2					
					CUTM01					
					SFSE3					

Items per page:     1-5 of 5    < > >>

VALIDATE
SAVE
CLOSE

YESTERDAY
TODAY
TOMORROW
SELECT DATE

- Selection of Shift

PES

Sun

PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

Select Work Order  
289090

GET DETAILS

Item Number  
2P026885-004LF

Order Quantity  
1750

Scheduled Qty  
327

Remaining Qty  
1423

Remaining Run Time  
256:08:24

Per Piece Run Time  
00:10:48

Load Quantity  
30

Schedule Details

REFRESH

Job Order	Operation	Operation Desc	Run Time	Job Date	PL	Shift	Planned Start Date	Planned End Date	Setup	Status
289090-10	10	Cable Cutting/Stripping	00:01:23	18 / 09 / 2024	CUTM1	▲			<input type="checkbox"/>	
289090-10	20	Crimping	00:00:47	18 / 09 / 2024	CUTM1	\$1			<input type="checkbox"/>	
289090-10	140	Electrical Testing	00:02:35	18 / 09 / 2024	SFSA1	\$2			<input type="checkbox"/>	
289090-10	150	Packing	00:02:35	18 / 09 / 2024	SFSA2	\$3			<input type="checkbox"/>	
289090-10	999	SF Wkctr for SA	00:03:29	18 / 09 / 2024	SPWH1	▼			<input type="checkbox"/>	

Items per page: 5

1-5 of 5

< >

VALIDATE

SAVE

CLOSE

YESTERDAY

TODAY

TOMORROW

SELECT DATE

#### 4. Validate Schedule:

- Click the "Validate" button to check if the schedule is feasible.
- **Planned Dates:** After validation, the system will display the planned start and end dates for the job order.
- **Status Check:** Review the validation status to determine if all scheduling conditions are met or if there are any errors.

### Types of Validation messages while validate

- Message to move the operation to next Shift

PES

PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

Select Work Order

289090

GET DETAILS

Item Number

2P026885-0041F

Order Quantity

1750

Scheduled Qty

327

Remaining Qty

1423

Remaining Run Time

256:08:24

Per Piece Run Time

00:10:48

Load Quantity

30

Schedule Details

REFRESH

Job Order	Operation	Operation Desc	Run Time	Job Date	PL	Shift	Planned Start Date	Planned End Date	Setup	Status
289090-10	10	Cable Cutting/Stripping	00:01:23	18 / 09 / 2024	CUTM1	S3	18/09/2024 23:00:00	18/09/2024 23:41:24	<input type="checkbox"/>	
289090-10	20	Crimping	00:00:47	18 / 09 / 2024	CUTM1	S1	18/09/2024 23:41:24	19/09/2024 00:04:48	<input type="checkbox"/>	
289090-10	140	Electrical Testing	00:02:35	18 / 09 / 2024	SFSA1	Suggested to move this operation to next Available Shift S3				
289090-10	150	Packing	00:02:35	18 / 09 / 2024	SFSA2	S1	19/09/2024 01:22:12	19/09/2024 02:39:36	<input type="checkbox"/>	
289090-10	999	SF Wlctr for SA	00:03:29	18 / 09 / 2024	SFWH1	S1	19/09/2024 02:39:36	19/09/2024 04:24:00	<input type="checkbox"/>	

Items per page:

5

1-5 of 5

<

>

VALIDATE

SAVE

CLOSE

Today Schedule

Search PL #

GET PL SCHEDULE

- Message to move the job for next day

PES

PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

Select Work Order

289090

GET DETAILS

Item Number

2P026885-0041F

Order Quantity

1750

Scheduled Qty

327

Remaining Qty

1423

Remaining Run Time

256:08:24

Per Piece Run Time

00:10:48

Load Quantity

300

Schedule Details

REFRESH

Job Order	Operation	Operation Desc	Run Time	Job Date	PL	Shift	Planned Start Date	Planned End Date	Setup	Status	
289090-10	10	Cable Cutting/Stripping	00:01:23	18 / 09 / 2024	CUTM1	S1	18/09/2024 07:00:00	18/09/2024 13:54:00	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
289090-10	20	Crimping	00:00:47	18 / 09 / 2024	CUTM1	S1	18/09/2024 15:00:00	18/09/2024 18:54:00	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
289090-10	140	Electrical Testing	00:02:35	18 / 09 / 2024	SFSA1	S1	Job is stretching to next day. Please re-plan.				<input checked="" type="checkbox"/>
289090-10	150	Packing	00:02:35	18 / 09 / 2024	SFSA2	S1			<input type="checkbox"/>		
289090-10	999	SF Wkctr for SA	00:03:29	18 / 09 / 2024	SFWH1	S1			<input type="checkbox"/>		

Items per page:

5

1-5 of 5

<

>

VALIDATE

SAVE

CLOSE

Today Schedule

Search PL #

GET PL SCHEDULE

- Message that job scheduled on Holiday

PES

PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

Select Work Order

289090

GET DETAILS

Item Number

2P026885-004F

Order Quantity

1750

Scheduled Qty

327

Remaining Qty

1423

Remaining Run Time

256:08:24

Per Piece Run Time

00:10:48

Load Quantity

10

Schedule Details

REFRESH

Job Order	Operation	Operation Desc	Run Time	Job Date	PL	Shift	Planned Start Date	Planned End Date	Setup	Status
289090-10	10	Cable Cutting/Stripping	00:01:23	02 / 10 / 2024	CUTM3					Job order scheduled on a Holiday. Please re-plan the job order
289090-10	20	Crimping	00:00:47	02 / 10 / 2024	CUTM3	S1				
289090-10	140	Electrical Testing	00:02:35	02 / 10 / 2024	SFSA1	S1				
289090-10	150	Packing	00:02:35	02 / 10 / 2024	SFSA2	S1				
289090-10	999	SF Wkctr for SA	00:03:29	02 / 10 / 2024	SPWH1	S1				

Items per page:

5

1-5 of 5

<

<

>

>

VALIDATE

SAVE

CLOSE

Today Schedule

Search PL #

GET PL SCHEDULE

- Message that validation is successful.

PES

PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

Select Work Order

289090

GET DETAILS

Item Number

2P026885-004LF

Order Quantity

1750

Scheduled Qty

327

Remaining Qty

1423

Remaining Run Time

256:08:24

Per Piece Run Time

00:10:48

Load Quantity

30

Schedule Details

REFRESH

Job Order	Operation	Operation Desc	Run Time	Job Date	PL	Shift	Planned Start Date	Planned End Date	Setup	Status
289090-10	10	Cable Cutting/Stripping	00:01:23	18 / 09 / 2024	CUTM1	S1	18/09/2024 07:00:00	18/09/2024 07:00:00	<input checked="" type="checkbox"/>	Validated Successfully
289090-10	20	Crimping	00:00:47	18 / 09 / 2024	CUTM1	S1	18/09/2024 07:41:24	18/09/2024 08:04:48	<input type="checkbox"/>	
289090-10	140	Electrical Testing	00:02:35	18 / 09 / 2024	SFSA1	S1	18/09/2024 08:04:48	18/09/2024 09:22:12	<input type="checkbox"/>	
289090-10	150	Packing	00:02:35	18 / 09 / 2024	SFSA2	S1	18/09/2024 09:22:12	18/09/2024 10:39:36	<input type="checkbox"/>	
289090-10	999	SF Wktr for SA	00:03:29	18 / 09 / 2024	SPWH1	S1	18/09/2024 10:39:36	18/09/2024 12:24:00	<input type="checkbox"/>	

Items per page:

5

1-5 of 5

<<

<

>

>>

VALIDATE

SAVE

CLOSE

YESTERDAY

TODAY

TOMORROW

SELECT DATE

## 5. Error Handling:

- If validation reveals errors:
  - **View Error Messages:** Examine the error messages provided by the system, which will indicate what needs to be adjusted (e.g., production line, shift, date).
  - **Modify Details:** Adjust the production line, shift, or date based on the error messages.
  - **Revalidate:** Click "Validate" again after making changes to ensure that the new details resolve the issues.
  - **Repeat:** Continue adjusting and revalidating until all errors are resolved and the schedule is validated successfully.

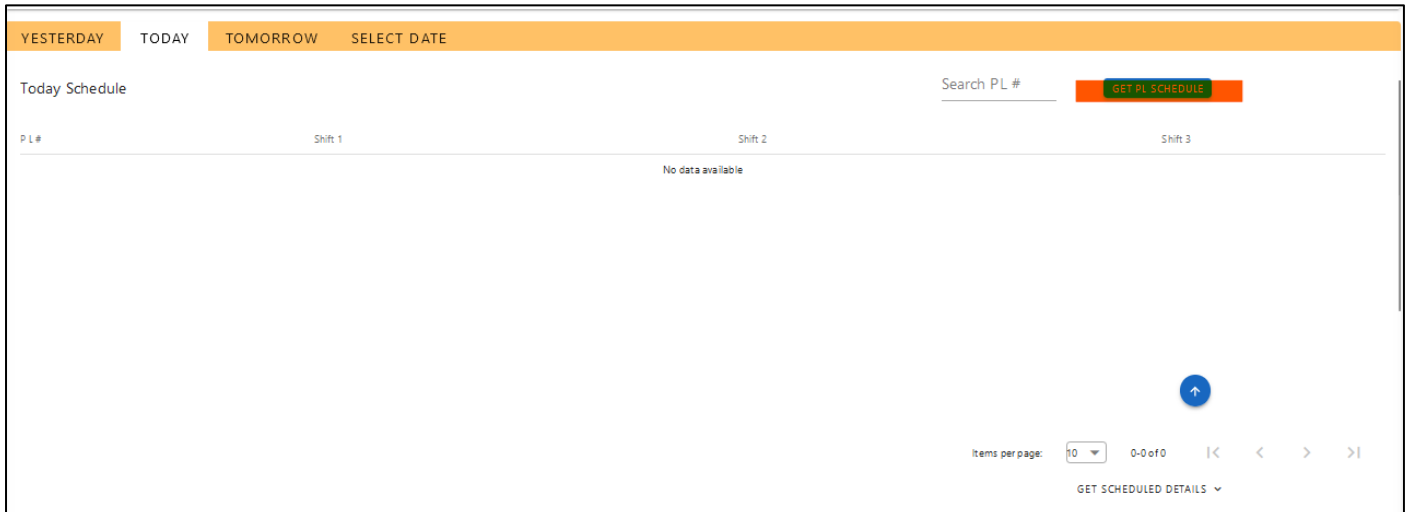
## 6. Save Schedule:

- Once validation is complete and no errors are present, check for the planned start and planned end date for all operation then save the job order schedule to finalize the entry.

This workflow ensures that job orders are accurately scheduled, taking into account the availability of production lines, shifts, and dates, while also providing mechanisms to handle and correct errors.

### *Production Line Status Graphical View*

- **Graphical Representation:** Access a graphical view that displays job and production line statuses based on shifts and selected dates.
- **Normal View:** View a standard layout of job and production line statuses for a straightforward overview.
- **Search Functionality:** Utilize search features to find specific job orders, production lines, or dates efficiently.
- Initially for both the production line graph will show the data of current day and can select the previous day and next day



The screenshot displays a web application interface for viewing production line schedules. At the top, there is a navigation bar with tabs for 'YESTERDAY', 'TODAY', 'TOMORROW', and 'SELECT DATE'. The 'TODAY' tab is currently selected. Below the navigation bar, the main content area is titled 'Today Schedule'. On the right side of this area, there is a search bar labeled 'Search PL #' and a button labeled 'GET PL SCHEDULE'. The main content area is divided into three columns representing shifts: 'Shift 1', 'Shift 2', and 'Shift 3'. Under 'Shift 2', the text 'No data available' is displayed. At the bottom right of the interface, there is a pagination control showing 'Items per page: 10' and '0-0 of 0', along with navigation arrows and a button labeled 'GET SCHEDULED DETAILS'.

Items per page: 10 0-0 of 0 < > >>
 SET SCHEDULED DETAILS

YESTERDAY TODAY TOMORROW SELECT DATE

Today Schedule

P L #	Shift 1	Shift 2	Shift 3
No data available			

Items per page: 10 0-0 of 0 < > >>

2024 — © Digitus Business Solutions

- Also, if wanted to select the custom date click on SELECT DATE “Select Date” and select the required date.

### Scheduling Work Bench

Work Order :  
 Item Number :  
 Description :  
 Order Quantity :  
 Sales Order :

Routing Lot :  
 Run Time :  
 Setup Time :  
 Test Plan :  
 Item Type :

GET PL
REFRESH
ADD ROW

Work Order	Item Number/ Order Quantity	Job Order	Operation	Job Date	Planned Start Date	Planned End Date	PL	Shift	Load Qty	Setup	Status
289080	2P026885-004LF/ 1770	289080-01	140 - Electrical Testing	26/03/2024	26/03/2024 15:43:12	26/03/2024 16:34:48	SFSA2	S2	20	<input type="checkbox"/>	
289080	2P026885-004LF/ 1770	289080-01	150 - Packing	26/03/2024	26/03/2024 16:34:48	26/03/2024 17:26:24	SFSE2	S2	20	<input type="checkbox"/>	
289093	0w49323CLF/ 400	289093-02	10 - Cable Cutting	24/04/2024	24/04/2024 15:00:00	24/04/2024 15:14:35	CUTM3	S2	10	<input type="checkbox"/>	
289093	0w49323CLF/ 400	289093-02	20 - Crimping	24/04/2024		3:22:23	CUTM2	S2	10	<input type="checkbox"/>	
289093	0w49323CLF/ 400	289093-02	30 - Housing	24/04/2024		3:21:36	CUTM4	S3	10	<input type="checkbox"/>	
289093	0w49323CLF/ 400	289093-02	999 - SF Wictr for WH	24/04/2024		3:56:24	SFSE2	S3	10	<input type="checkbox"/>	

Items per page: All 1-285 of 285 < > >>

YESTERDAY TODAY TOMORROW SELECT DATE

No data available

Select Date
✕

dd / mm / yyyy 📅

CONFIRM

54

- Selecting the custom date to view data.
  - Selected Date: 19/08/2024

### Scheduling Work Bench

Work Order :  
 Item Number :  
 Description :  
 Order Quantity :  
 Sales Order :

Routing Lot :  
 Run Time :  
 Setup Time :  
 Test Plan :  
 Item Type :

GET PL  
 REFRESH  
 ADD ROW

Work Order	Item Number/ Order Quantity	Job Order	Operation	Job Date	Planned Start Date	Planned End Date	PL	Shift	Load Qty	Setup	Status
289080	2P026885-004LF/ 1770	289080-01	140 - Electrical Testing	26/03/2024	26/03/2024 15:43:12	26/03/2024 16:34:48	SFSA2	S2	20	<input type="checkbox"/>	
289080	2P026885-004LF/ 1770	289080-01	150 - Packing	26/03/2024	26/03/2024 16:34:48	26/03/2024 17:26:24	SFSE2	S2	20	<input type="checkbox"/>	
289093	0w49323CLF/ 400	289093-02	10 - Cable Cutting	24/04/2024	24/04/2024 15:00:00	24/04/2024 15:14:35	CUTM3	S2	10	<input type="checkbox"/>	
289093	0w49323CLF/ 400	289093-02	20 - Crimping	24/04/2024	24/04/2024 15:14:35	24/04/2024 15:22:23	CUTM2	S2	10	<input type="checkbox"/>	
289093	0w49323CLF/ 400	289093-02	30 - Housing	24/04/2024	24/04/2024 23:00:00	24/04/2024 23:21:36	CUTM4	S3	10	<input type="checkbox"/>	
289093	0w49323CLF/ 400	289093-02	999 - SF Wlctr for WH	24/04/2024	24/04/2024 23:21:36	24/04/2024 23:56:24	SFSE2	S3	10	<input type="checkbox"/>	

Items per page: All 1-285 of 285

YESTERDAY TODAY TOMORROW SELECT DATE

P L # Shift 1 Shift 2 Shift 3

No data available

- Data shown for the selected with all the Production Line and its status in graphical view.

289093	0w49323CLF/ 400	289093-02	10 - Cable Cutting	24/04/2024	24/04/2024 15:00:00	24/04/2024 15:14:35	CUTM3	S2	10	<input type="checkbox"/>
289093	0w49323CLF/ 400	289093-02	20 - Crimping	24/04/2024	24/04/2024 15:14:35	24/04/2024 15:22:23	CUTM2	S2	10	<input type="checkbox"/>
289093	0w49323CLF/ 400	289093-02	30 - Housing	24/04/2024	24/04/2024 23:00:00	24/04/2024 23:21:36	CUTM4	S3	10	<input type="checkbox"/>
289093	0w49323CLF/ 400	289093-02	999 - SF Wlctr for WH	24/04/2024	24/04/2024 23:21:36	24/04/2024 23:56:24	SFSE2	S3	10	<input type="checkbox"/>

Items per page: All 1-285 of 285

YESTERDAY TODAY TOMORROW SELECT DATE

P L # Cable Cutting/Stripping Shift 1 Shift 2 Shift 3

CUTM1	289090-02 289090-02		
CUTM2			
CUTM3	289080-26 289080-26	289080-27 289080-27	
SFSA1	289090-02		
SFSA2	289080-26		
SFSA4		289080-27	
SFSE1			
SFSE2			
SFSE3	289080-26		289080-27
SFSE4			

Items per page: 10 1-10 of 17

GET SCHEDULED DETAILS

- Data shown for the selected with all the Production Line and its status in table view.

Items per page: 10 1-10 of 17

GET SCHEDULED DETAILS

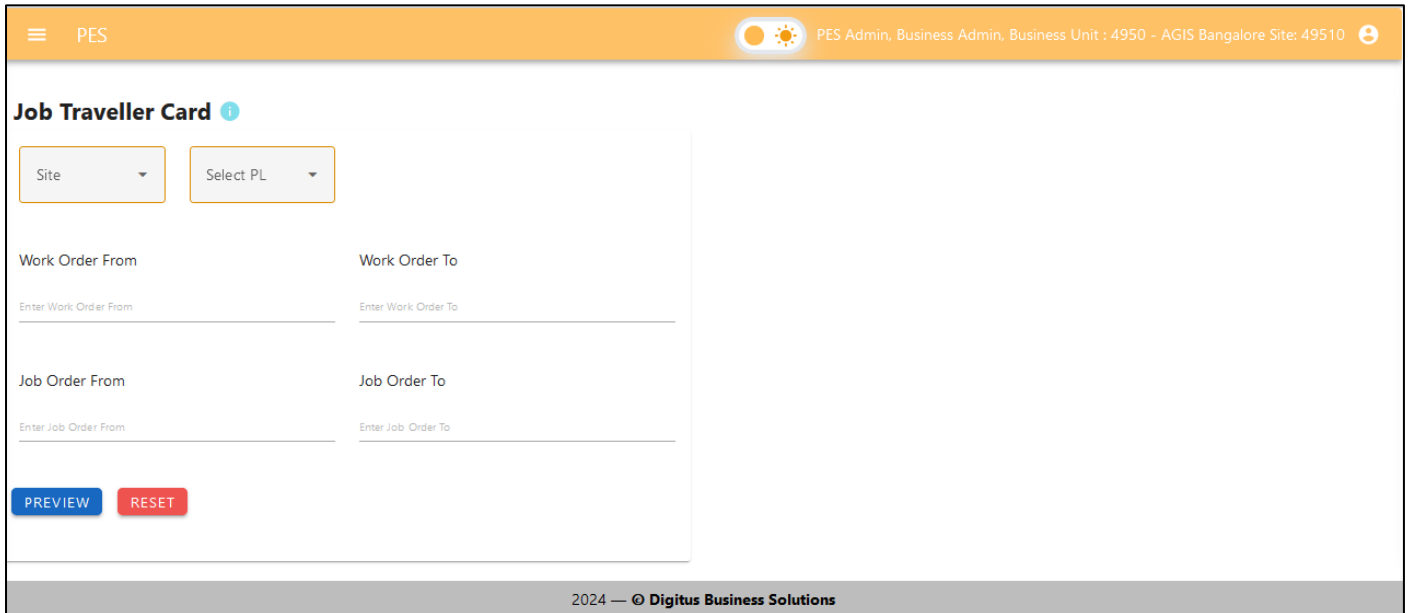
YESTERDAY	TODAY	TOMORROW	SELECT DATE
P L #	Shift 1	Shift 2	Shift 3
CUTM1	289090-02 Cable Cutting/Stripping-1h 9m	No Jobs Scheduled	No Jobs Scheduled
	289090-02 Crimping-0h 39m		
CUTM2	No Jobs Scheduled	No Jobs Scheduled	No Jobs Scheduled
CUTM3	289080-26 Cable Cutting/Stripping-1h 1m	289080-27 Cable Cutting/Stripping-1h 23m	No Jobs Scheduled
	289080-26 Crimping-0h 34m	289080-27 Crimping-0h 47m	
SFSA1	289090-02 Packing-2h 9m	No Jobs Scheduled	No Jobs Scheduled

Items per page: 10 1-10 of 17



## 17. Job Travel Card (JTC Report)

The Job Travel Card (JTC) Report is a tool for generating and viewing detailed reports on completed job orders. Users can filter and retrieve reports based on three different criteria, with the ability to preview and download the results in PDF format.



### Key Features

#### 1. Report Criteria:

- **Site, Production Line, From Date, To Date:**
  - Generate a report by specifying the site, production line, and a date range (from and to dates).
- **Between From and To Work Orders:**
  - Retrieve job order details for a range of work orders, from a specified start work order to an end work order.
- **Between From and To Job Orders:**
  - Obtain job order information for a range of job orders, from a specified start job order to an end job order.

#### 2. Report Generation:

- **Selection and Preview:**
  - Based on the selected criteria (one of the three combinations), the system will display a preview of the completed job orders report on the right side of the interface.
- **PDF Download:**
  - Users can download the displayed report as a PDF file for offline review and record-keeping.

### Workflow

#### • Select Report Criteria:

- Choose one of the following options to filter the report:
  - **Site, Production Line, From Date, To Date:** Enter the site, production line, and date range.
  - **Between From and To Work Orders:** Enter the start and end work orders.

- Selection on Site, production line, from date and to date.

Job Traveller Card

Site

49510

Select PL

CUTM3

From Date

01 / 07 / 2024

To Date

31 / 08 / 2024

Work Order From

Enter Work Order From

Work Order To

Enter Work Order To

Job Order From

Enter Job Order From

Job Order To

Enter Job Order To

PREVIEW

RESET

2024 — © Digitus Business Solutions

- Preview for the selection on Site, production line, from date and to date.

☰ PES

 PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

### Job Traveller Card i

Site  
49510

Select PL  
CUTM3

From Date  
01 / 07 / 2024

To Date  
31 / 08 / 2024

Work Order From

Enter Work Order From

Work Order To

Enter Work Order To

Job Order From

Enter Job Order From

Job Order To

Enter Job Order To

PREVIEW

RESET

🔍 ⬆ ⬇
1 of 13
— +
Automatic Zoom ▾
🔍 📄 📁 🖨
➡

Amphenol FCI		FCI OEN Connectors Ltd. JOB TRAVELLER CARD				
Part Number: RPM2531610-810M Description: RPM2531610-800M CAJ AX8-LC G657A2-UL30M Customer: Project:		Generated on: 19.08.2024 09:04:54 Work Order: 289082 Total Qty: 80 Cycle Time (in hrs): 41				
Operation : 30-Crimping						
Job Order	Date / Shift	Qty	Operator			
289082-01	09/07/2024 / S1	20	TESTER			
Rejection/Rework Details :						
Date/Shift	Job Order / Operation	Qty Produced	Qty Passed	Qty Reworked	Qty Rejected	Team Leader
09/07/2024 / S1	289082-01 : 30-Crimping	0	0	0	0	TESTER

2024 — © Digitus Business Solutions



- Preview for the selection for between work orders.

59

- Selection for between job orders.

PES

PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

Job Traveller Card

Site

Select PL

Work Order From

Enter Work Order From

Work Order To

Enter Work Order To

Job Order From

289093-01

Job Order To

289093-05

PREVIEW

RESET

- Preview for the Selection for between job orders.

PES
PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

---

## Job Traveller Card i

Site ▼

Select PL ▼

Work Order From      Work Order To

Enter Work Order From      Enter Work Order To

---

Job Order From      Job Order To

289093-01      289093-05

PREVIEW

RESET

- **Generate Report:**
  - After selecting the criteria, the system will compile the relevant data.
  - The report preview will appear on the right side of the interface, reflecting the completed job orders based on the selected filters.
- **Preview and Download:**
  - Review the report preview to ensure it meets the desired criteria.
  - Click the download button to save the report as a PDF file.

[illegible]

## Benefits

- **Comprehensive Analysis:** Obtain detailed reports on completed job orders based on flexible filtering options.
- **User-Friendly Interface:** Easily select criteria and view reports with an intuitive interface.
- **Convenient Access:** Preview reports in real-time and download them in PDF format for easy sharing and record-keeping.

## 16. Quality Assurance - Observation and Analysis

The QA screen provides a comprehensive interface for performing Quality Assurance (QA) testing during production. It includes functionalities for managing job orders, sampling procedures, component tracking, and recording test results. The screen is designed to ensure that products meet quality standards throughout the production process by allowing users to capture and analyse relevant data efficiently.

PES

PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

Quality Assurance - Observation and Analysis

Job Order / Operation

Get Test Details

Report Down Time

WorkOrder:

Order Qty:

PN:

Job Load Qty:

Select Test Type

Operator Name

Machine

Appl#No

Enter Sample Size

Remarks

Components

Search Component

Component	Lot	Rejected Quantity
No data		

Items per page:

10

0-0 of 0

<<

<

>

>>

Test Plan:

QA Complete

SAVE

REFRESH

Test Desc	Actual Value	Ref Value	Upper Limit	Lower Limit	Attribute	UOM	Pass / Fail
<div>RESET</div>							

## 1. Job Order Testing Procedure

### 1.1. Test Samples

For each job order, testing must be performed on specific pieces to ensure quality. The following pieces should be tested:

1. **Select Job Order:** Choose the relevant job order from the dropdown menu.
2. Click on **Get Test Details** (Get Test Details) Button. The testing details and all the components will be populated.
3. **Select Test Pieces:** Click on the test pieces that need to be tested, which include:
  - **First Piece:** The first piece of the production run.
  - **Samples:** Any one of the intermediate samples (pieces 1, 2, 3, or 4).
  - **Last Piece:** The last piece of the production run.
- 4.

## Mandatory Testing

- First Piece
- Last Piece
- Minimum One Sample
-

PES

 PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

### Quality Assurance - Observation and Analysis

Job Order / Operation  
289080-02 / Cable Cutting/Stripping

WorkOrder:289080

Order Qty:1770

PN:P026885-004LF

Job Load Qty:44

Select Test Type

First Piece
Sample 1
Sample 2
Sample 3
Sample 4
Last Piece

Operator Name

Machine

Appl#No

Enter Sample Size  
0

**Components**
**Search Component**

Component	Lot		Rejected Quantity
1-39-01-2065-P	Enter Lot		0
1-39-00-0059	Enter Lot		0
1-DF11-2428SCF	Enter Lot		0
1-DF11-24D5-2C	Enter Lot		0
1-DF11-6DS-2C	Enter Lot		0
1-DF13-2630SCFA	Enter Lot		0

Items per page: 10    1-10 of 33    < >

**Test Plan:** P026885-004LF
QA Complete ☐ SAVE REFRESH

Test Desc	Actual Value	Ref Value	Upper Limit	Lower Limit	Attribute	UOM	Pass / Fail
Wire gauge 28AWG	<input type="checkbox"/>				GAUGE		Fail
Wire gauge 26AWG	<input type="checkbox"/>				GAUGE		Fail
UL Type 1061	<input type="checkbox"/>				UL TYPE		Fail

## 2. Component Tracking

## 2.1. Recording Components

For each job order, document the components used in production. The component names will be automatically populated from the backend. Please include the following details for each component used in that specific operation:

- **Lot Number:** The lot number associated with each component used.
- **Rejected Quantity:** The quantity of each component that was rejected, if applicable.

This ensures accurate tracking and reporting of the components directly involved in the current production run.

PES

PES Admin, Business Admin, Business Unit : 4950 - AGIS Bangalore Site: 49510

Quality Assurance - Observation and Analysis

Job Order / Operation

289080-01 / Electrical Testing

Get Test Details

Report Down Time

WorkOrder:289080

Order Qty:1770

PN:2P026885-004LF

Job Load Qty:20

Select Test Type

First Piece

Sample 1

Sample 2

Sample 3

Sample 4

Last Piece

Operator Name

Machine

Appl#No

Enter Sample Size

Remarks

Components

Search Component

Component	Lot		Rejected Quantity
1 39-01-2065-P	Enter Lot		0
1-39-00-0059	Enter Lot		0
1-DF11-2428SCF	Enter Lot		0
1-DF11-24DS-2C	Enter Lot		0
1-DF11-6DS-2C	Enter Lot		0
1-DF13-2630SCFA	Enter Lot		0

Items per page:

10

1-10 of 33

<

>

>|

Test Plan: 2P026885-004LF

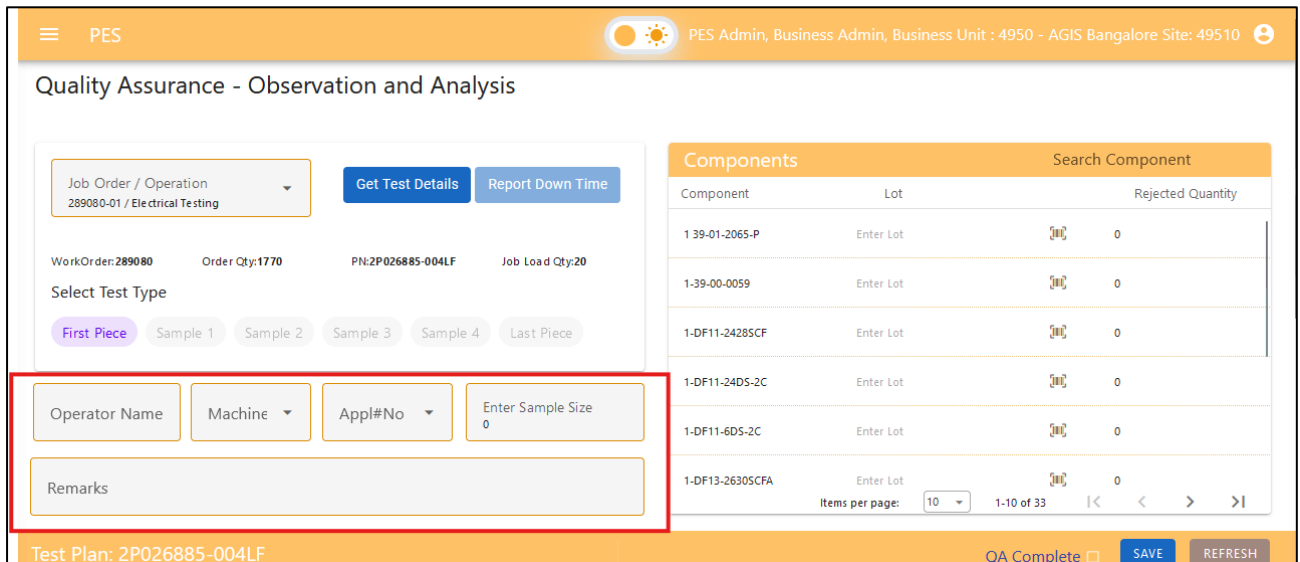
QA Complete

SAVE

REFRESH

## 2.2. Additional Information

- **Operator:** Name or ID of the operator performing the job.
- **Machine:** Machine used for production it will be a dropdown.
- **Applicator:** Applicator used it will be a dropdown.
- **Sample Size:** No of samples used for testing.
- **Remarks:** Any additional notes or comments relevant to the production or testing.



**Quality Assurance - Observation and Analysis**

Job Order / Operation: 289080-01 / Electrical Testing

Work Order: 289080    Order Qty: 1770    PN: 2P026885-004LF    Job Load Qty: 20

Select Test Type: First Piece, Sample 1, Sample 2, Sample 3, Sample 4, Last Piece

Operator Name:    Machine:    Appl#No:    Enter Sample Size: 0

Remarks:

Component	Lot	Rejected Quantity
1-39-01-2065-P	Enter Lot	0
1-39-00-0059	Enter Lot	0
1-DF11-24285CF	Enter Lot	0
1-DF11-24DS-2C	Enter Lot	0
1-DF11-6DS-2C	Enter Lot	0
1-DF13-26305CFA	Enter Lot	0

Items per page: 10    1-10 of 33

Test Plan: 2P026885-004LF    QA Complete ☐    SAVE    REFRESH

## 3. Testing Details

### 3.1. Test Description

Each test to be performed should will include the following details, which will be populated automatically from the test plan - work order mapping:

- **Test Description:** A brief description of what is being tested.
- **Actual Value:** The value observed or measured during testing (user entry).
- **Reference Value:** The standard value that should be met.
- **Upper Limit:** The maximum acceptable value.
- **Lower Limit:** The minimum acceptable value.
- **Attribute Name:** The specific attribute being tested.
- **Pass/Fail:** The result of the test based on whether the Actual Value falls within the specified limits.



Job Order / Operation  
289080-01 / Electrical Testing

Get Test Details

Report Down Time

WorkOrder:289080

Order Qty:1770

PN:2P026885-004LF

Job Load Qty:20

Select Test Type

First Piece

Sample 1

Sample 2

Sample 3

Sample 4

Last Piece

Operator Name

Machine

Appl#No

Enter Sample Size  
0

Remarks

Components

Search Component

Component	Lot	Rejected Quantity
1-39-01-2065-P	Enter Lot	0
1-39-00-0059	Enter Lot	0
1-DF11-2428SCF	Enter Lot	0
1-DF11-24D5-2C	Enter Lot	0
1-DF11-6D5-2C	Enter Lot	0
1-DF13-2630SCFA	Enter Lot	0

Items per page: 10 1-10 of 33

Test Plan: 2P026885-004LF

QA Complete ☐

SAVE

REFRESH

Test Desc	Actual Value	Ref Value	Upper Limit	Lower Limit	Attribute	UOM	Pass / Fail
Testing Jig Number 238	<input type="checkbox"/>				JIG NUMBER		
Jig Validation - Within Due Date	<input type="checkbox"/>				VALIDATION		
Tester Calibration - Within due Date	<input type="checkbox"/>				VERIFICATION		
Blank Test N-0, & Pin 0	<input type="checkbox"/>				BLANK TEST		
Net & Pin verification N-21, & Pin-42	<input type="checkbox"/>				VERIFICATION		
Connector Polarity	<input type="checkbox"/>				POLARITY		
JTC Verification	<input type="checkbox"/>				VERIFICATION		
Drawing Verification	<input type="checkbox"/>				VERIFICATION		

### 3.2. Entering Test Results

- Actual Value:** Enter the value observed during testing.
- Automatic Population:** All other details, including Test Description, Reference Value, Upper Limit, Lower Limit, and Attribute Name, will be automatically populated based on the mapping done in the test plan - work order mapping.
- Pass/Fail Determination:** The Pass/Fail result will be automatically calculated based on the Actual Value entered and the limits specified in the test plan.

WorkOrder:289080

Order Qty:1770

PN:2P026885-004LF

Job Load Qty:44

Select Test Type

First Piece

Sample 1

Sample 2

Sample 3

Sample 4

Last Piece

Operator Name  
Test

Machine  
MACH...

Appl#No  
#APPL\_CU...

Enter Sample Size  
10

Remarks  
Test entry

1-DF13-2630SCFA	Enter Lot	0
1-DF3-2428SCFC	Enter Lot	0
1-DF3-4EP-2C	Enter Lot	0
1-DF3-4S-2C	Enter Lot	0
1-DF3-EP2428PCFA	Enter Lot	0

Items per page: 10 1-10 of 33

Test Plan: 2P026885-004LF

QA Complete ☐

SAVE

REFRESH

Test Desc	Actual Value	Ref Value	Upper Limit	Lower Limit	Attribute	UOM	Pass / Fail
Wire gauge 28AWG	<input type="checkbox"/>				GAUGE		Fail
Wire gauge 26AWG	<input type="checkbox"/>				GAUGE		Fail
UL Type 1061	<input type="checkbox"/>				UL TYPE		Fail
UL Type 1007	<input type="checkbox"/>				UL TYPE		Fail
Cable color Black/Yellow	<input type="checkbox"/>				COLOR		Fail
cable part no 1CBL1P28AWG1061B/Y	<input type="checkbox"/>				PART CHECK		Fail
cable part no 1CBL28AWG1007BLK	<input type="checkbox"/>				PART CHECK		Fail
cable part no 1CBL1P24AWG1007B/Y	<input type="checkbox"/>				PART CHECK		Fail
cable cut length 2400+5/-0	2404	2400	+5	-0	LENGTH MM	MM	Pass
cable cut length 2260+5/-0	2262.4	2260	+5	-0	LENGTH MM	MM	Pass

By entering only the Actual Value, the system will automatically fill in the remaining details and determine the Pass/Fail status, ensuring efficiency and accuracy in recording test results.

### 3.3. QA Completion and Record Management

#### 3.3.1. QA Completion Checkbox

1. **QA Completion Checkbox:** After all, required testing for a job order is completed, the QA Completion checkbox must be checked. This action signifies that testing for the current piece is finalized and ready for review.
2. **Automatic Transition:** Once the QA Completion checkbox is checked and the record should be saved, then the system will automatically open next test piece in the sequence for testing.

Job Order / Operation  
289080-02 / Cable Cutting/Stripping

Get Test Details
Report Down Time

WorkOrder:289080
Order Qty:1770
PN:2P026885-004LF
Job Load Qty:44

Select Test Type

First Piece
Sample 1
Sample 2
Sample 3
Sample 4
Last Piece

Operator Name  
Test

Machine  
MACHI...

Appl#No  
#APPL\_CU...

Enter Sample Size  
10

Remarks  
Test entry

Components

Search Component

Component	Lot	Rejected Quantity
1-DF11-6DS-2C	Enter Lot	0
1-DF13-2630SCFA	Enter Lot	0
1-DF3-2428SCFC	Enter Lot	0
1-DF3-4EP-2C	Enter Lot	0
1-DF3-4S-2C	Enter Lot	0
1-DF3-EP2428PCFA	Enter Lot	0

Items per page: 10 1-10 of 33

Test Plan: 2P026885-004LF

QA Complete
SAVE
REFRESH

Test Desc	Actual Value	Ref Value	Upper Limit	Lower Limit	Attribute	UOM	Pass / Fail
Wire gauge 28AWG					GAUGE		Fail
Wire gauge 26AWG					GAUGE		Fail
UL Type 1061					UL TYPE		Fail
UL Type 1007					UL TYPE		Fail

#### 3.3.2. Data Modification Rules

- **If QA is Completed and Saved:** Once the QA Completion checkbox is checked and the record is saved, the data becomes locked and cannot be modified. This ensures that finalized test results are preserved and prevents accidental changes.

Job Order / Operation  
289080-02 / Cable Cutting/Stripping

Get Test Details
Report Down Time

WorkOrder:289080
Order Qty:1770
PN:2P026885-004LF
Job Load Qty:44

Select Test Type

First Piece
Sample 1
Sample 2
Sample 3
Sample 4
Last Piece

Operator Name  
Test

Machine  
MACHI...

Appl#No  
#APPL\_CU...

Enter Sample Size  
10

Remarks  
Test entry

Components

Search Component

Component	Lot	Rejected Quantity
1-DF11-6DS-2C	Enter Lot	0
1-DF13-2630SCFA	Enter Lot	0
1-DF3-2428SCFC	Enter Lot	0
1-DF3-4EP-2C	Enter Lot	0
1-DF3-4S-2C	Enter Lot	0
1-DF3-EP2428PCFA	Enter Lot	0

Items per page: 10 1-10 of 33

Test Plan: 2P026885-004LF

QA Complete
SAVE
REFRESH

Test Desc	Actual Value	Ref Value	Upper Limit	Lower Limit	Attribute	UOM	Pass / Fail
Wire gauge 28AWG					GAUGE		Fail
Wire gauge 26AWG					GAUGE		Fail
UL Type 1061					UL TYPE		Fail
UL Type 1007					UL TYPE		Fail
Cable color Black/Yellow					COLOR		Fail

- **If QA is Not Completed:** If the QA Completion checkbox has not been checked, the data remains editable. You can continue to make changes or updates to the test results until the QA process is finalized.

Quality Assurance - Observation and Analysis

Job Order / Operation  
289080-02 / Cable Cutting/Stripping

Get Test Details
Report Down Time

Work Order: 289080
Order Qty: 1770
PN: 2P026885-004LF
Job Load Qty: 44

Select Test Type  
First Piece
Sample 1
Sample 2
Sample 3
Sample 4
Last Piece

Operator Name  
Test

Machine  
MACH...

Appl#No  
#APPL\_CU...

Enter Sample Size  
10

Remarks  
Test entry

Component	Lot	Rejected	Quantity
1-DF11-6DS-2C	Enter Lot	0	0
1-DF13-2630SCFA	Enter Lot	0	0
1-DF3-2428SCFC	Enter Lot	0	0
1-DF3-4EP-2C	Enter Lot	0	0
1-DF3-4S-2C	Enter Lot	0	0
1-DF3-EP2428PCFA	Enter Lot	0	0

Items per page: 10
1-10 of 33

Test Plan: 2P026885-004LF
QA Complete
SAVE
REFRESH

Test Desc	Actual Value	Ref Value	Upper Limit	Lower Limit	Attribute	UOM	Pass / Fail
Wire gauge 28AWG					GAUGE		Fail
Wire gauge 26AWG					GAUGE		Fail
UL Type 1061					UL TYPE		Fail
UL Type 1007					UL TYPE		Fail

By adhering to these procedures, the system maintains the integrity of the test results and facilitates a smooth transition between test pieces, while allowing flexibility during the testing phase.

### 3.4. Actual Time Recording

- **Actual Start Time:** This timestamp is recorded only when the testing of the First Piece is completed and the QA Completion checkbox for the First Piece is checked. This marks the beginning of the production run.
- **Actual End Time:** This timestamp is recorded only when the testing of the Last Piece is completed and the QA Completion checkbox for the Last Piece is checked. This marks the conclusion of the production run.

These timestamps ensure accurate tracking of the start and end times of each job order based on the completion of QA testing for the first and last pieces.

### 3.5 Report Downtime

From the QA screen, you can report any downtime encountered during production. Follow these steps to add downtime:

1. **Click on Report Downtime:** Click the **Report Down Time** "Report Downtime" button on the QA screen.
2. **Enter Downtime Details:**
  - **Reason for Downtime:** Provide a brief description of the issue or reason for the downtime.
  - **Start Time:** Record the time when the downtime started.
  - **End Time:** Record the time when the downtime ended (if applicable).
3. **Save:** After entering the necessary details, save the downtime report.

### Quality Assurance - Observation and Analysis

Job Order / Operation  
289080-01 / Electrical Testing

Get Test Details
Report Down Time

WorkOrder:289080
Order Qty:1770
PN:2P026885-004LF
Job Load Qty:20

Select Test Type

First Piece
Sample 1
Sample 2
Sample 3
Sample 4

Reason Code
Start Date Time
End Date Time

SAVE
CANCEL

Operator Name  
Sundar
Machine  
MACH...
App#No  
#APP\_EL...

Remarks

Components
Search Component

Component	Lot	Rejected Quantity
139-01-2065-P	IOT-01	0

Test Plan: 2P026885-004LF
QA Complete

SAVE
REFRESH

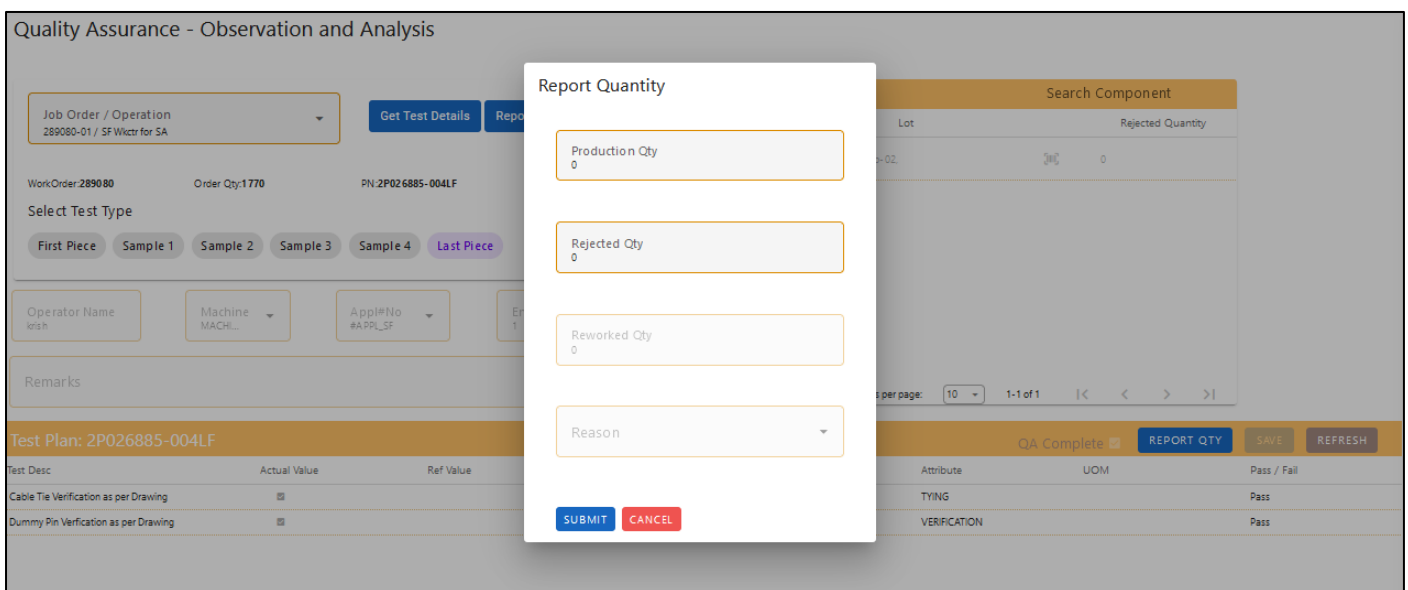
Test Desc	Actual Value	Ref Value	Upper Limit	Lower Limit	Attribute	UOM	Pass / Fail
Length as per Board Routing					VERIFICATION		Pass
Labeling					LABELING		Pass
Cable Tie Verification as per Drawing					TYING		Pass
...					VERIFICATION		Pass

The reported downtime will be added to the production line status, helping to track and manage production interruptions effectively.

### 3.6 Report Production and Rejected Quantity

From the QA screen, you can report production and rejection quantity during conclusion of production when the last operation and last piece testing completed. Follow these steps to add downtime:

1. **Click on Report Quantity:** Click the "Report Downtime" button on the QA screen.
2. **Enter Downtime Details:**
  - **Production Quantity:** Enter the total quantity produced inclusive of reworked.
  - **Rejection Quantity:** Enter the total rejected quantity which is not reworked.
  - **Reworked Quantity:** Enter the quantity that has been reworked after rejection.
  - **Reason:** select the reason from the reason.
3. **Submit:** After entering the necessary details, submit the quantity.

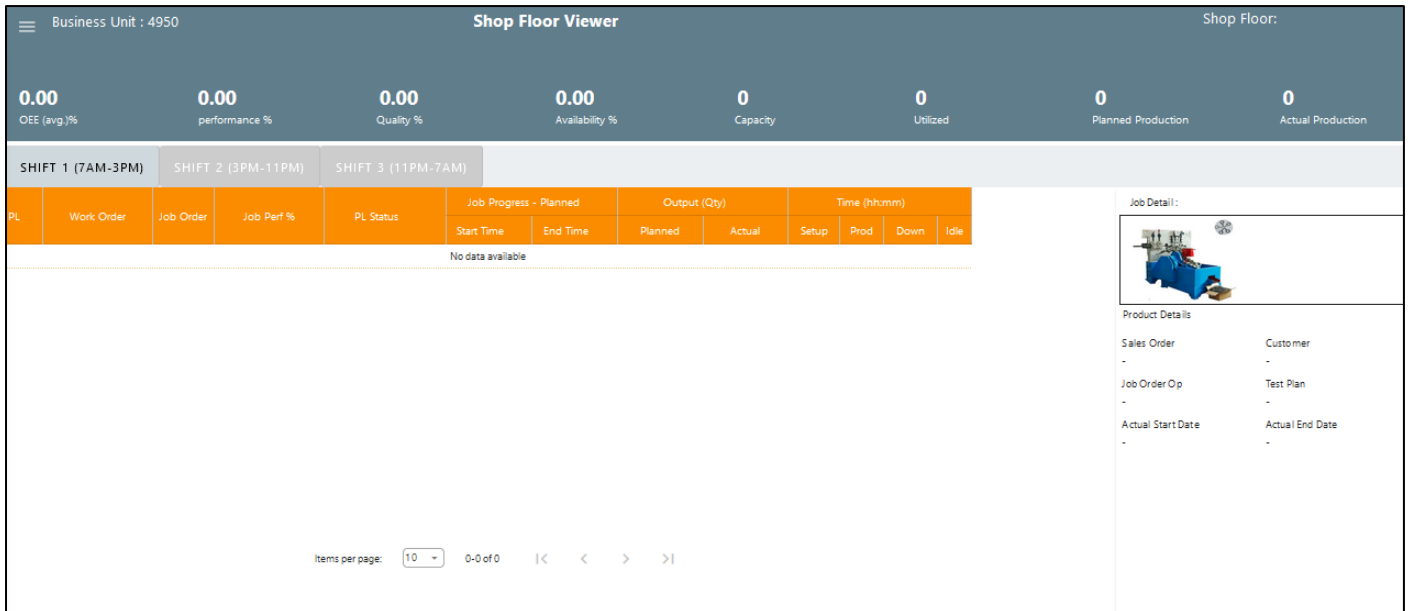


The screenshot displays the 'Quality Assurance - Observation and Analysis' interface. A modal window titled 'Report Quantity' is open, allowing users to input production and rejection data. The background interface includes fields for Job Order / Operation (289080-01 / SF Wkctr for SA), WorkOrder (289080), Order Qty (1770), and PN (2P026885-004LF). It also features a 'Select Test Type' section with buttons for 'First Piece', 'Sample 1', 'Sample 2', 'Sample 3', 'Sample 4', and 'Last Piece'. The 'Report Quantity' modal contains four input fields: 'Production Qty' (0), 'Rejected Qty' (0), 'Reworked Qty' (0), and a 'Reason' dropdown menu. At the bottom of the modal are 'SUBMIT' and 'CANCEL' buttons. The background interface also shows a table for test results and a 'QA Complete' status.

The reported quantities will be added as the job order production and rejected quantities.

## 18. Shop Floor Viewer

The Shop Floor Viewer provides a comprehensive overview of the production status and performance across one or multiple shop floors. This feature allows you to monitor and analyze various metrics to ensure efficient production management. Here's how you can use the Shop Floor Viewer:



### Features

1. **Completed Status:** View the status of shop floors that are currently running or have completed production.
2. **OEE (Overall Equipment Effectiveness):** Check the OEE metric to assess the overall efficiency of the equipment, including availability, performance, and quality.
3. **Availability:** Monitor the availability of shop floor equipment, showing the proportion of time the equipment is operational compared to the total available time.
4. **Performance:** Evaluate the performance of the shop floor, including the speed and output rates relative to expected targets.
5. **Quality:** Review the quality of production, including metrics such as defect rates and compliance with quality standards.
6. **Utilized:** Check the utilization of shop floor resources to determine how effectively they are being used.
7. **Planned Production:** Compare the planned production targets with the actual performance to assess if production goals are being met.
8. **Actual Production:** View the actual production quantities achieved on the shop floor.
9. **Job Order Quantity Reporting:** Report and review the quantities for specific job orders, including any adjustments or updates.

### How to Use

1. **Select Shop Floors:** Choose one or multiple shop floors you want to view from the available options.
  2. **Select Date:** Specify the date or date range for which you want to view the production data.
  3. **View Metrics:** Access the metrics including OEE, availability, performance, quality, utilized, planned production, actual production, and job order quantities.
  4. **Analyze Data:** Use the displayed data to analyze production performance, identify areas for improvement, and make informed decisions.
- Click on filter button on top right of the screen

The screenshot shows the 'Shop Floor Viewer' interface. At the top, there's a header with 'Business Unit : 4950' and 'Shop Floor:'. Below this, a row of metrics is displayed: OEE (avg.)%, performance %, Quality %, Availability %, Capacity, Utilized, Planned Production, and Actual Production, all showing '0.00' or '0'. The main area is divided into three shifts: SHIFT 1 (7AM-3PM), SHIFT 2 (3PM-11PM), and SHIFT 3 (11PM-7AM). A 'Filter Options' dialog box is open, showing a 'Shopfloor' dropdown menu and a 'Select Date' field with the date '19/08/2024'. The dialog also has 'APPLY' and 'RESET' buttons. On the right side, there's a 'Job Detail' section with a product image and a 'Product Details' section with fields for Sales Order, Customer, Job Order Op, Test Plan, Actual Start Date, and Actual End Date.

- Select the shop floor and date , then click on apply. Data will be displayed.

This screenshot shows the 'Shop Floor Viewer' interface with the 'Filter Options' dialog box open. The 'Shopfloor' dropdown menu is expanded, showing a list of shop floors: 12SFSA, 12SFVWH, 12SFSE, 12SCUT, 12SFFO, and 12SFTTEST. The 'Select All' option is checked. The 'Select Date' field is still set to '19/08/2024'. The 'APPLY' button is highlighted in blue. The background interface remains the same as in the previous screenshot.

By leveraging the Shop Floor Viewer, you can gain valuable insights into production efficiency and effectively manage your shop floors.

## Shop Floor Metrics Formulas

Here are the formulas used to calculate various shop floor metrics:

### 1. Availability

Availability measures the proportion of time the equipment or shop floor was available for production compared to the total planned time.

$$\text{Availability} = (\text{Planned Start Time} + \text{Planned End Time} / \text{Actual Start Time} + \text{Actual End Time}) \times 100$$

**Note:** The Actual Start Time, Actual End Time will be captured while reporting of test type of first piece and last piece. Planned Start Time, and Planned End Time are calculated while scheduling the job.

### 2. Performance

Performance measures how well the job performed relative to the planned production quantity.

$$\text{Performance} = (\text{Job Load Quantity} / \text{Job Production Quantity}) \times 100$$

**Note:** Job Production Quantity refers to the number of units produced, while Job Load Quantity is the number of units planned to be produced.

### 3. Quality

Quality measures the proportion of good units produced compared to the total production quantity.

$$\text{Good Quantity} = \text{Job Production Quantity} - \text{Rejected Quantity}$$

$$\text{Quality} = (\text{Good Quantity} / \text{Job Production Quantity}) \times 100$$

**Note:** Rejected Quantity is the number of units that failed quality control.

### 4. OEE (Overall Equipment Effectiveness)

OEE combines performance, quality, and availability into a single metric to measure overall production effectiveness.

$$\text{OEE} = (\text{Performance} / 100) \times (\text{Quality} / 100) \times (\text{Availability} / 100) \times 100$$

### 5. Utilized

Utilized measures whether a shop floor is being used for production based on whether a job has started running.

- If a job started running on the shop floor, it is considered a utilized production line (PL).





## 6. Planned Production

Planned Production is the total quantity of production planned for the shop floor.

- **Planned Production:** Total quantity planned for production in that shop floor.

## 7. Actual Production

Actual Production is the quantity of units that were actually completed on the shop floor.

- **Actual Production:** Total quantity of units completed in that shop floor.

By using these formulas, we are effectively monitor and analyzing the performance of the shop floors.

## Data Display Overview

The selected shop floor data will be presented based on the different shifts: S1, S2, and S3. The data will be organized and displayed in a table format, providing detailed insights into the work orders and job orders for each shift. Here's how to view and interpret the data:

### 1. Data Display

The data shown will include the following details:

- **Work Order:** The identifier or reference for the work order.
- **Job Order:** The specific job order associated with the work order.
- **Job Performance:** Metrics or statistics related to the performance of the job.
- **Job Status:** The current status of the job (e.g., Running, Completed, Pending).
- **Job Planned Start Time:** The scheduled start time for the job.
- **Job Planned End Time:** The scheduled end time for the job.
- **Job Actual Start Time:** The actual time when the job started.
- **Job Actual End Time:** The actual time when the job ended.
- **Setup Time:** The time taken to set up for the job.
- **Run Time:** The time taken to actually run the job.

### 2. Viewing Data Across Shifts

- **Shift Tabs:** The data can be viewed for different shifts by switching between the shift tabs:
  - **Shift S1:** Data for the first shift.
  - **Shift S2:** Data for the second shift.
  - **Shift S3:** Data for the third shift.

To view data for a specific shift, click on the corresponding shift tab. The table will update to display the relevant data for that shift.

### 3. Table Layout

The table will be organized to show the following columns:

- Overall View after selection of Shop floor and Date.

Business Unit : 4950

Shop Floor Viewer

Stop Floor:12SFWH...

4569.75

OEE (avg.%)

75.00

performance %

91.66

Quality %

6598.85

Availability %

17

Capacity

5

Utilized

60

Planned Production

45

Actual Production


SHIFT 1 (7AM-3PM)

SHIFT 2 (3PM-11PM)

SHIFT 3 (11PM-7AM)

PL	Work Order	Job Order	Job Perf %	PL Status	Job Progress - Planned		Output (Qty)		Time (hh:mm)			
					Start Time	End Time	Planned	Actual	Setup	Prod	Down	Idle
CUTM3	289094	289094-01	0	Completed	25/03/2024 07:00:00	25/03/2024 07:55:12	40	0	00:1	00:55	00:00	
CUTM3	289094	289094-01	0	Completed	25/03/2024 07:55:12	25/03/2024 08:26:24	40	0	00:2	00:31	00:00	
CUTM3	289094	289094-01	75	Completed	25/03/2024 08:26:24	25/03/2024 10:45:36	40	30	00:1	2:19	00:00	
SFSA1	289093	289093-01	0	Completed	25/03/2024 07:43:12	25/03/2024 08:22:48	20	0	00:2	00:40	00:00	
SFWH1	289093	289093-01	75	Completed	25/03/2024 08:22:48	25/03/2024 09:32:24	20	15	00:1	1:10	00:00	
CUTM1	289093	289093-01	0	Completed	25/03/2024 07:00:00	25/03/2024 07:27:36	20	0	00:1	00:28	00:00	
CUTM1	289093	289093-01	0	Completed	25/03/2024 07:27:36	25/03/2024 07:43:12	20	0	00:2	00:16	00:00	
CUTM4	289084	289084-01	0	Completed	25/03/2024 07:00:00	25/03/2024 07:34:30	25	0	00:1	00:34	00:00	
CUTM4	289084	289084-01	0	In Progress	25/03/2024 07:34:30	25/03/2024 07:54:00	25		00:2	00:19	00:00	

Job Detail :



Product Details

Sales Order

Customer

-

-

Job Order Op

Test Plan

-

-

Actual Start Date

Actual End Date

-

-

Items per page: 10

1 of 0

Job Detail :

Product Details

Sales Order : -  
Customer : -  
Job Order Op : -  
Test Plan : -  
Actual Start Date : -  
Actual End Date : -

- Job Details display based on Job order's (i) button clicked

Business Unit : 4950

Shop Floor Viewer

Stop Floor:12SFWH...

4569.75

OEE (avg.%)

75.00

performance %

91.66

Quality %

6598.85

Availability %

17

Capacity

5

Utilized

60

Planned Production

45

Actual Production


SHIFT 1 (7AM-3PM)

SHIFT 2 (3PM-11PM)

SHIFT 3 (11PM-7AM)

PL	Work Order	Job Order	Job Perf %	PL Status	Job Progress - Planned		Output (Qty)		Time (hh:mm)			
					Start Time	End Time	Planned	Actual	Setup	Prod	Down	Idle
CUTM3	289094	289094-01	0	Completed	25/03/2024 07:00:00	25/03/2024 07:55:12	40	0	00:1	00:55	00:00	
CUTM3	289094	289094-01	0	Completed	25/03/2024 07:55:12	25/03/2024 08:26:24	40	0	00:2	00:31	00:00	
CUTM3	289094	289094-01	75	Completed	25/03/2024 08:26:24	25/03/2024 10:45:36	40	30	00:1	2:19	00:00	
SFSA1	289093	289093-01	0	Completed	25/03/2024 07:43:12	25/03/2024 08:22:48	20	0	00:2	00:40	00:00	
SFWH1	289093	289093-01	75	Completed	25/03/2024 08:22:48	25/03/2024 09:32:24	20	15	00:1	1:10	00:00	
CUTM1	289093	289093-01	0	Completed	25/03/2024 07:00:00	25/03/2024 07:27:36	20	0	00:1	00:28	00:00	
CUTM1	289093	289093-01	0	Completed	25/03/2024 07:27:36	25/03/2024 07:43:12	20	0	00:2	00:16	00:00	
CUTM4	289084	289084-01	0	Completed	25/03/2024 07:00:00	25/03/2024 07:34:30	25	0	00:1	00:34	00:00	
CUTM4	289084	289084-01	0	In Progress	25/03/2024 07:34:30	25/03/2024 07:54:00	25		00:2	00:19	00:00	

Job Detail : 289084-01



Product Details

Sales Order  
10

Customer  
-

Job Order Op  
10

Test Plan  
BE0312B001MNNLF

Actual Start Date  
24/04/2024

Actual End Date  
08/07/2024

15:11:58

11:23:55

Job Detail : 289084-01

Product Details

Sales Order : 10  
Customer : BE0312B001MNNLF  
Job Order Op : 10  
Test Plan : BE0312B001MNNLF  
Actual Start Date : 24/04/2024 15:11:58  
Actual End Date : 08/07/2024 11:23:55

By using the shift tabs and reviewing the data table, you can effectively monitor and analyze job performance and production metrics across different shifts.