



# MACHINERY AND PLANT USER MANUAL

V1.1

## INTRODUCTION

This document is mainly for the M&P activities and contains the module navigation menu and process flow pages. Each process flow or operation is described with page layout with steps of operation for each data element.

- CRIS TEAM

User manual for M&P



By

**CRIS**

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## 1. Introduction

SLAM user interface screens/ forms which require access control are grouped into this module. This module is mostly for management of Machinery and plant equipment. This module covers equipment

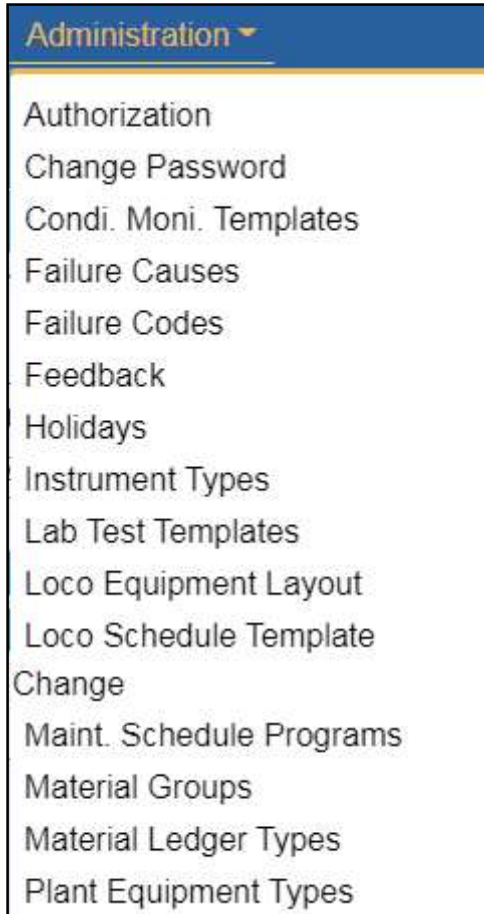
maintenance and calibration activities. Pending equipment maintenance dues and calibration dues are also viewed here.

## 2. Plant Equipment Types:

Application uses “Managing Plant Equipment Types” page to add various plant equipment types required for a Loco. Same page is used for view, update and delete operations to manage plant equipment types.

### 2.1. Add Plant Equipment Types:

To create a new record of Plant Equipment Types in the application/system,



- Click on "Administration" side menu and select "Plant Equipment Types" navigation menu.
- Application displays "Managing Plant Equipment Types" page with ["Add Plant Equipment Types"](#) link.

## Managing Plant Equipment Types

[Add Plant Equipment Types](#)

Code

- Click on "[Add Spare Plant Equipment types](#)" link
- "Add Plant Equipment Types" page is shown.

Add Plant Equipment Types

Name  Code  Physical Category  Remarks

- Click on ADD button to save the details. Plant Equipment Types are added into the system with a successful message.

Add Plant Equipment Types

Name  Code  Physical Category  Remarks

Delete	S.No	Name	Code	PhysicalCategory	Remarks
<input type="button" value="Delete"/>	1	MP	MP	Electrical	--

- Click on  button to save the details. Plant Equipment Types are added into the system with a successful message.
- Click on  button of a plant equipment type details row to remove data from the system.

## 2.2. View Plant Equipment Types:

To view the list of Plant Equipment enter the code and

- Click on  button in "Managing Plant Equipment types" page.
- All Plant Equipment data from the system is displayed in a tabular format.

Managing Plant Equipment Types

[Add Plant Equipment Types](#)

Code

Showing 1 Records Out of 1

S.No.	Code	Name	Physical Category	Remarks	Delete
1	<a href="#">MP</a>	MP	Electrical	--	<input type="button" value="Delete"/>

1

## 2.3. Update Plant Equipment Types:

"Update Plant Equipment Types" page is used to update Plant Equipment Type details. To update a selected Plant Equipment Type detail,


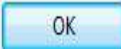
- Repeat the steps mentioned in "View Plant Equipment Types" section.

- Click on the "Code" link (Need to be updated) in plant equipment type details table.
- "Update Plant Equipment Types" page is shown.

- Update required information and click on **Update** button to save the details. Successful message is displayed on saving updated information.

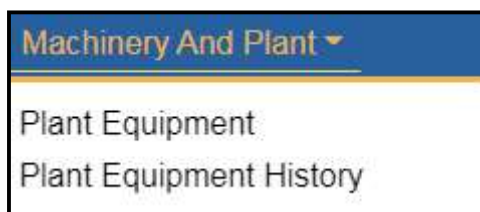
## 2.4. Delete Plant Equipment Types:

To delete an existing plant equipment type details from the application,

- Repeat the steps mentioned in "View Plant Equipment Types" section.
- Click on  button in Plant Equipment Type details table. "Are you sure you want to delete?" alert message is displayed for confirmation.
- Click on  button and that Auxiliary Supplies details are deleted from the application.

## 2. Plant Equipment:

Application uses "Plant Equipment" page to add plant equipment. Same page is used for view, update and delete operations to manage plant equipment.



### 2.1. Add Plant Equipment:

To add a plant equipment in the application/system,

- Click on "Machinery And Plant" side menu and select "Plant Equipment" navigation menu.
- Application displays "Managing Plant Equipment" page with ["Add Spare Plant Equipment"](#) link.

Click on ["Add Plant Equipment"](#) link. Application shows "Add Plant Equipment" page.

**Add Plant Equipment**

Plant Eq.Type	Battery Charge ▼	Plant Eq.Make	Aardee Enterpr ▼
Plant Eq.Serial No (M).	96541232	Plant Eq.Serial No (L).	96541232
Cost	120	Warrenty Upto	
Last Maint.Done On	03/02/2022	Next Maint.Due On	23/02/2025
PO Number.		PO date	
Date of Commissioning	31/08/2022	Description/name	fomr
Section User		Section Maintainer	
Remarks			

- Fill in all the mandatory fields and click on  button to save details. Spare plant equipment details are added to the application with a successful message.

### 3.2. View Plant Equipment:

To view the list of spare plant equipment details,

- Go to “Managing Plant Equipment” page.
- Select Plant Eq. Type, Plant Eq. Make, Status, Maint. Due from and Maint. Due to dates, enter Plant Eq. serial no in "Managing Plant Equipment" page and click on  button.
- Plant Equipment details are displayed in a tabular format.

**Managing Plant Equipment**

[Add Spare Plant Equipment](#)

Plant Eq.Type: 
 Plant Eq.Serial No (M): 
 Plant Eq.Make: 
 Status: 
 Maint.Due From: 
 Maint.Due To:

Showing 1 Records Out of 1

S.No	Plant Eq.Type	Date Of Commission	Description/Name	Status	Plant Eq.Serial No (M)	Plant Eq.Serial No (L)	Plant Eq.Make	Cost	Last Maint.Done On	Next Maint.Due On	Last status change date	
1	Centrifuging/ Oil purification plants- MnP	31/08/2022	fomr	In Use	96541232	96541232	A & A	120	03/02/2022	<a href="#">23/02/2025</a>	<a href="#">17/08/2022</a>	<a href="#">Edit/View</a>

### 3.3. Update Plant Equipment Types:

"Managing Plant Equipment" page is used to update Plant Equipment details. To update a selected Plant Equipment detail,

- Repeat the steps mentioned in “View Plant Equipment” section.
- Click on the "[Next Main. due](#)" link in Managing Plant Equipment details table row to be updated.
- "Update Due Date" page is popped up.

Managing Plant Equipment

[Add Spare Plant Equipment](#)

Plant Eq. Type:  Plant Eq. Serial No (M):  Plant Eq. Make:  Status:  Maint. Due From:  Maint. Due To:

Showing 1 Records Out of 1

S.No	Plant Eq. Type	Date Of Commission	Description/Name	Status	Plant Eq. Serial No (M)	Plant Eq. Serial No (L)	Plant Eq. Make	Cost	Last Maint. Done On	Next Maint. Due On	Last status change date	
1	Centrifuging/ Oil purification plants- MnP	31/08/2022	fomr	In Use	96541232	96541232	A & A	120	03/02/2022	23/02/2025	17/08/2022	Edit/View

**Update Due Date** X

Next Maint. Due On:

GAP/Interval:

TOLERANCE:

Remarks:

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- Update required information and click on Save button to save the details. Changed details are updated into the system with a successful message.
- Repeat the steps mentioned in “View Plant Equipment” section.
- Click on the "[Last Schedule change date](#)" link in Managing Plant Equipment details table row to be updated.
- "Update Repair Attention" page is popped up.

Managing Plant Equipment

[Add Spare Plant Equipment](#)

Plant Eq. Type:  Plant Eq. Serial No (M):  Plant Eq. Make:  Status:  Maint. Due From:  Maint. Due To:

Showing 1 Records Out of 1

S.No	Plant Eq. Type	Date Of Commission	Description/Name	Status	Plant Eq. Serial No (M)	Plant Eq. Serial No (L)	Plant Eq. Make	Cost	Last Maint. Done On	Next Maint. Due On	Last status change date	
1	Centrifuging/ Oil purification plants- MnP	31/08/2022	fomr	In Use	96541232	96541232	A & A	120	03/02/2022	23/02/2025	17/08/2022	Edit/View

**Update Repair Attention** X

Status:

Status Update Date:

Remarks: