 <b>Lighthouse</b> Info Systems Pvt. Ltd. SINCE 1987	Document Name	Object Help Document	
	Menu Code	01.205.10	
	Process Name	Plant Availability Master	
Release Version	1.0	Document No	LISPL/OHD/PP/205/010
Release Date	16-Jan-2016	Pages	Page - 1 - of 4

## 01.205.10 - Plant Availability Master

### PROCESS OVERVIEW

This is process to define the availability of each plant in the given period. It helps the production planning to prepare the production planning as per the availability.

### PROCESS PRE-REQUISITES

Input Fields	Input Details	General Remarks
Plant Code	Field	Plant Master.
Eqpt Parent Code	Field	Equipment Master, if required.
Period Code	Field	Period Master
Shift	Field	Shift Master
Holidays	Field	Holiday Master
Planned Shutdown	Field	Plant Shutdown Planning

### PROCESS DETAILS

**Filters**

Plant Availability Master

Plant Code  From Date  To Date


Equipment Code

Show

Clear

Eqpt ID	Eqpt ID Name	Plant Code	Plant Name	Period Code	From Date	To Date	Net Hrs
		FM-F1	FeMn - Furnace I	MAR-16	01-03-2016	31-03-2016	744
		FS-F1	FeSi - Furnace I	FEB-16	01-02-2016	29-02-2016	696
		FS-F1	FeSi - Furnace I	JAN-16	01-01-2016	31-01-2016	744
		FS-F1	FeSi - Furnace I	MAR-16	01-03-2016	31-03-2016	736
		FS-F2	Fesi - Furnace II	FEB-16	01-02-2016	29-02-2016	696
		FS-F2	Fesi - Furnace II	MAR-16	01-03-2016	31-03-2016	744
		FS-F3	FeSi - Furnace III	FEB-16	01-02-2016	29-02-2016	696
		FS-F3	FeSi - Furnace III	MAR-16	01-03-2016	31-03-2016	744
		SM-F1	SiMn - Furnace I	FEB-16	01-02-2016	29-02-2016	320
		SM-F1	SiMn - Furnace I	MAR-16	01-03-2016	31-03-2016	744
		SM-F2	SiMn - Furnace II	FEB-16	01-02-2016	29-02-2016	696
		SM-F2	SiMn - Furnace II	MAR-16	01-03-2016	31-03-2016	744
		SM-F3	SiMn - Furnace III	FEB-16	01-02-2016	29-02-2016	696
		SM-F3	SiMn - Furnace III	MAR-16	01-03-2016	31-03-2016	744

Add Edit Delete View Print Exit

 <b>Lighthouse</b> Info Systems Pvt. Ltd. SINCE 1987	Document Name	Object Help Document	
	Menu Code	01.205.10	
	Process Name	Plant Availability Master	
Release Version	1.0	Document No	LISPL/OHD/PP/205/010
Release Date	16-Jan-2016	Pages	Page - 2 - of 4

BUTTONS	DESCRIPTION
Show	Displays the records from the selected filters.
Clear	Clears the selected filters.
Add	To add new record.
Edit	To edit the selected record.
Delete	To delete the selected record.
View	To view the data of selected record
Print	Feature not available
Exit	To Exit from the open form.

Plant Code\* FS-F1 FeSi - Furnace I From Date 01-03-2016 To Date 31-03-2016  
 Eqpt Parent Code Period Code\* MAR-16 Rest Day Plan Rest Days 0  
 Eqpt id E C Shift A B C E C Holidays 1 H  
 Default Time(HH24:MM)

**Note: Click H button for Exclude the Holidays into the Shift days...**

	Plant Code	Day	Shift Date	Shifts	Net Hrs	Remark
D	FS-F1	Friday	11-MAR-2016	A	8.00	
D	FS-F1	Friday	11-MAR-2016	B	8.00	
D	FS-F1	Friday	11-MAR-2016	C	8.00	
D	FS-F1	Saturday	12-MAR-2016	A	8.00	
D	FS-F1	Saturday	12-MAR-2016	B	8.00	
D	FS-F1	Saturday	12-MAR-2016	C	8.00	
D	FS-F1	Sunday	13-MAR-2016	A	8.00	
D	FS-F1	Sunday	13-MAR-2016	B	8.00	
D	FS-F1	Sunday	13-MAR-2016	C	8.00	
D	FS-F1	Monday	14-MAR-2016	A	8.00	
D	FS-F1	Monday	14-MAR-2016	B	.00	
D	FS-F1	Monday	14-MAR-2016	C	.00	
D	FS-F1	Tuesday	15-MAR-2016	A	.00	
D	FS-F1	Tuesday	15-MAR-2016	B	.00	
D	FS-F1	Tuesday	15-MAR-2016	C	.00	
D	FS-F1	Wednesday	16-MAR-2016	A	8.00	
D	FS-F1	Wednesday	16-MAR-2016	B	8.00	
D	FS-F1	Wednesday	16-MAR-2016	C	8.00	
D	FS-F1	Thursday	17-MAR-2016	A	8.00	
Eqpt ID				<b>Total:-</b>	<b>93</b>	<b>704</b>


Planned Shutdown  
 Holiday Days  
 Rest Days

## Work Step – To Add Plant Master

Step 1 Press 'Add' Button.

Step 2 Select Plant Code (Press F9 for LOV).

Step 3 Select Period Code (Press F9 for LOV).

 <b>Lighthouse</b> Info Systems Pvt. Ltd. <small>SINCE 1987</small>	Document Name	Object Help Document	
	Menu Code	01.205.10	
	Process Name	Plant Availability Master	
Release Version	1.0	Document No	LISPL/OHD/PP/205/010
Release Date	16-Jan-2016	Pages	Page - 3 - of 4

Step 4 Select Shift press 'F' button to select the shifts.

Step 5 Select the Rest Day from the popup list.

Step 7 Press 'Populate' button (Wait till system prepares the availability till it displays the total net hrs.

Step 8 Press 'Ok' to Save the record.


### Optional Data Fields

Step 1 Select Equipment

Step 2 Select Equipment ID

### Input Field Level Information

FIELDS	DESCRIPTION	R/O/C	FIELD VALUE / COMMENTS
Plant Code	Select the Plant for which availability is requiring to define.	R	Select the Plant for which availability is requiring to define.
Eqpt Parent Code	Select equipment parent code, if applicable.	O	Select equipment parent code, if applicable.
Eqpt ID	Select equipment ID, if applicable.	O	Select equipment ID, if applicable.
Default Time	Enter the default shift hours slab, if the same is different from the shift time slab.	O	Enter the default shift hours slab, if the same is different from the shift time slab.
Period Code	Select the period code for which the availability will be declared.	R	Select the period code for which the availability will be declared.
Shift	Press 'F' button to select the shifts. By default it will consider the standard shifts.	O	Press 'F' button to select the shifts. By default it will consider the standard shifts.
From Date	Displays the start date of the selected period.	C	Displays the start date of the selected period.
To Date	Displays the last date of the selected period.	C	Displays the last date of the selected period.
Rest Days	Select the Rest Day, if applicable. If rest day is selected than system will not consider the plant availability for that day throughout the selected period.	O	Select the Rest Day, if applicable. If rest day is selected than system will not consider the plant availability for that day throughout the selected period.
Plan Rest Days	Displays the total rest days	C	Displays the total rest days appearing in the

 <b>Lighthouse</b> Info Systems Pvt. Ltd. <small>SINCE 1987</small>	Document Name	Object Help Document	
	Menu Code	01.205.10	
	Process Name	Plant Availability Master	
Release Version	1.0	Document No	LISPL/OHD/PP/205/010
Release Date	16-Jan-2016	Pages	Page - 4 - of 4

	appearing in the selected period.		selected period.
Holidays	Displays the total holidays appearing in the selected period. Press 'H' button to check the holidays.	C	Displays the total holidays appearing in the selected period. Press 'H' button to check the holidays.

*R = Required, O = Optional, C = Conditional*

### Field Level Information – Data Block

FIELDS	DESCRIPTION	R/O/C	FIELD VALUE / COMMENTS
Plant Code	Displays the selected Plant Code	C	Displays the selected Plant Code
Day	Displays the Week Day for each date	C	Displays the Week Day for each date
Shift Date	Displays the Shift Dates within the given period range.	C	Displays the Shift Dates within the given period range.
Shifts	Displays the selected shifts for each date	C	Displays the selected shifts for each date
Net Hrs	Displays the available net hours. Net Hours = (Shift Hours – (Plant Shutdown Hrs + Holidays + Rest Days))	C	Displays the available net hours. Net Hours = (Shift Hours – (Plant Shutdown Hrs + Holidays + Rest Days))
Remarks	User can enter the remarks manually.	C	User can enter the remarks manually.
Total	Displays the total no. of shifts and Net Hours for which the availability is declared.	C	Displays the total no. of shifts and Net Hours for which the availability is declared.

Systems Displays the Planned Shutdown, Holidays and Rest Days in different colors as shown on the form.