



# Project – SUGAM

User Manual

Process Name:MRP Run

Process Number: 21



## DOCUMENT DETAILS

PROJECT NAME	MODULE:	Business Scenario:
SUGAM	MATERIAL MANAGEMENT	MRP Run
MODULE LEAD – BSPTCL	MODULE LEAD – YASH	PROCESS OWNER -
Sri Aftab Alam	Sri.Ashok Kumar Jhanwar	Sri Amar Kumar Mishra
UNSER MANUAL NUMBER	PROCESS NAME	
21	MRP RUN	

## AUTHORS & PARTICIPANTS

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Workshop Participants	

## Revision History

Date	Document Version	Document Revision Description	Author	Reviewer
	V0	Draft for review	Madan Magar	Ashok Kumar Jhanwar



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<b>SAP T-code</b>	<b>MM01</b>
<b>Process</b>	<b>Maintain MRP View in Material master</b>

Extern Material for MRP1 and MRP2 Views

Enter Material number and enter

## Create Material (Initial Screen)

Select View(s)      Org. Levels      Data

Material	<input type="text" value="1000000081"/>	<input type="button" value="🔍"/>
Industry Sector	T Transmission	⌵
Material type	ZCAB Cables	⌵

Select MRP1 and MRP2 and Press Enter

Select View(s)

View	
Basic Data 1	⌵
Basic Data 2	⌵
Classification	⋮
Purchasing	
International Trade: Import	
Purchase Order Text	
MRP 1	
MRP 2	
MRP 3	



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Enter Plant, Storage location and Press enter

### Organizational Levels

Organizational levels

Plant	1100	Trans Circle Patna
Stor. Loc.	1000	C/S,Fatuha

Profiles

MRP profile	
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Org. levels/profiles only on request

Enter MRP Type, Reorder point, MRP controller, Lot size procedure, Max stock level

Press Enter

Purchase order text | **MRP 1** | MRP 2 | MRP 3 | MRP 4 | Advanced Planning | Plant data / stor. 1 | P... <

Plant 1100 Trans Circle Patna

General Data

Base Unit of Measure	KM	km	MRP Group	
Purchasing Group			ABC Indicator	
Plant-sp.matl status			Valid from	

MRP Procedure

Advanced Planning

MRP Type	VB	Manual reorder point planning	
Reorder Point	100		Planning time fence 0
Planning cycle			MRP Controller 001

Lot size data

Lot Sizing Procedure	HB	Replen to max stck before covering reqs	
Minimum Lot Size	0		Maximum Lot Size 0
			Maximum Stock Level 150



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MRP 2 **MRP 3** MRP 4 Advanced Planning Plant data / stor. 1 Plant data / stor. 2 Accounting 1

Material	1000000081	<input type="checkbox"/>	<input type="checkbox"/>
Descr.	Power cable 4C		
Plant	1100	Trans Circle Patna	

Forecast Requirements

Period Indicator	M	Fiscal Year Variant	<input type="checkbox"/>	Splitting indicator	<input type="checkbox"/>
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Planning

Strategy Group	<input type="checkbox"/>	Bwd consumption per.	0
Consumption mode	<input type="checkbox"/>	Mixed MRP	<input type="checkbox"/>
Fwd consumption per.	0	Planning plant	<input type="checkbox"/>
Planning material	<input type="checkbox"/>	Planning matl BUnit	<input type="checkbox"/>
PIng conv. factor	<input type="checkbox"/>		

Availability check

Availability check	KP
Tot. repl. lead time	0 days
Cross-project	<input type="checkbox"/>



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SAP T-code	MD04
Process	Stock/Requirement list

Enter Material number, Plant and press Enter

## Stock/Requirements List: Initial Screen

Individual access

Collective access

Material	<input type="text" value="1000000081"/>	
Description	Power cable 4C	
MRP Area	<input type="text" value="1100"/>	Trans Circle Patna
Plant	<input type="text" value="1100"/>	Trans Circle Patna
With filter	<input type="checkbox"/>	

Stock of material is Zero

Material	<input type="text" value="1000000081"/>								
Description	Power cable 4C								
MRP Area	<input type="text" value="1100"/>	Trans Circle Patna			Ex. manuf.	<input type="text"/>			
Plant	<input type="text" value="1100"/>	MRP type	<input type="text" value="VB"/>	Material type	<input type="text" value="ZCAB"/>	Unit	<input type="text" value="KM"/>	<input type="text"/>	
[Icons: Save, Edit, Print, etc.]									
[Icons: Date, GR, ST On, On, Vendor, Cust.]									
A...	Date	MRP ele...	MRP element data	Rescheduling ...	E...	Receipt/Reqmt	Available Qty		
	06.03.2019	Stock					0		



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SAP T-code	MD01
Process	MRP Run

Enter plant and press enter

## MRP Run

Scope of planning

Plant

1100

### MRP control parameters

Processing key	NETCH	Net Change in Total Horizon
Create purchase req.	2	Purchase requisitions in opening period
Schedule lines	3	Schedule lines
Create MRP list	1	MRP list
Planning mode	1	Adapt planning data (normal mode)
Scheduling	1	Determination of Basic Dates for Planned
Planning date	06.03.2019	

Information

To start the planning run, press enter



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Americas | EU | ASIA | AUS

Ranking List of Materials with Highest CPU Times (in ms)

Material	Runtime			MRP Area		Plnt
	Runtime	Read	Net Calc.	BOM	LdTmeSched	Update
1000000038				1100		1100
5,626	24	913	0	0	4,683	
1000000081				1100		1100
881	2	839	0	0	38	
1000000041				1100		1100
95	31	2	0	0	60	
1000000080				1100		1100
48	2	0	0	0	44	
1100000018				1100		1100
26	3	0	0	0	21	



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SAP T-code	MD04
Process	Stock/Requirement list

Enter material number, Plant and press Enter

Individual access  Collective access

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Material	<input type="text" value="1000000081"/>	
Description	Power cable 4C	
MRP Area	<input type="text" value="1100"/>	Trans Circle Patna
Plant	<input type="text" value="1100"/>	Trans Circle Patna

With filter

Following PR Create with 150 quantity

Material	<input type="text" value="1000000081"/>	
Description	Power cable 4C	
MRP Area	<input type="text" value="1100"/>	Trans Circle Patna
Plant	<input type="text" value="1100"/>	MRP type <input type="text" value="VB"/> Material type <input type="text" value="ZCAB"/> Unit <input type="text" value="KM"/>

  

A...	Date	MRP ele...	MRP element data	Rescheduling ...	E...	Receipt/Reqmt	Available Qty
	06.03.2019	Stock					0
	06.03.2019	PurRqs	<input type="text" value="0010000012"/>	00010		150	150