LafargeHolcim

Inventory Cockpit Report User Manual

Stock strategy definition

Author: EBM Manufacturing Stream
Version 1 -   29.06.2016

Document Control

Document Information – Saved under document properties

Document Type	User Manual/
Document Name	MAN18 - Inventory Cockpit report.doc
Owner – Prepared by	EBM Manufacturing Team
Review – Reviewed by	EBM Manufacturing Team
Group – Approved by	EBM Manufacturing Project Manager
Valid From	18.08.2011
Storage	C:\Users\rpitarch\Desktop\MAN18 - Inventory Cockpit report.doc

Revisions & Status

Version	Date	Description of changes	Modifications done by
01	18.08.2011	Creation	RPI

Referred documents and references

Document / Reference	Storage

Distribution List

Function / Role	Company

Table of Contents

© 2016 LafargeHolcim

1. Introduction

This is the document that provides all the necessary information to enable the End User to perform their daily activities of SAP and no SAP systems, related with Production Execution, on the respective go-life date, in line with the following criteria:

- Speed of execution of tasks
- Quality of data entry
- Compliance with management rules
- Maximum user ease

Throughout this document explains in detail each of the activities necessary to carry out the process of Production Execution.
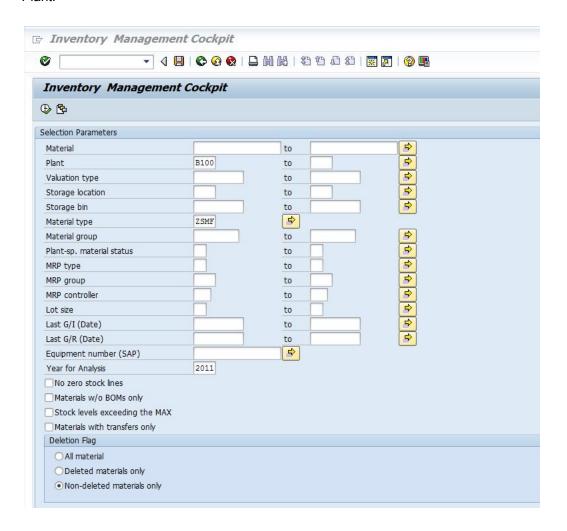
2. Glossary & Abbreviations

The table below lists all the abbreviations used in the document with their complete description.

| Abbreviation	Description
CEM	Cement
AFR	Alternative Fuels and Raw Materials
RMX	Ready mix
MIC	Mineral components
EMEA	Europe, Middle East and Africa
EBM	European Business Model
LHARP	LafargeHolcim Accounting and Reporting Principles
ACS	Asset Codification System
TIS	Technical Information System
BOM	Bill of Material
MRP	Material Requirements Planning
CKD	Clinker Kiln Dust
MEC	Month End Closing
MM	Material Management

3. Inventory Management Cockpit
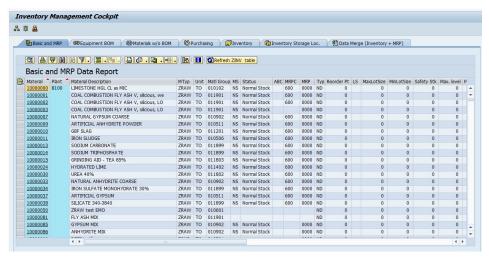
Through a custom program with transaction code ZMM003, "Inventory Management Cockpit", the user can check inventory data of the different materials produced and consumed in the Plant.

First, fill in selection fields that you need, as Material, Plant, Storage Location, Material type, Material group, MRP Controller….

After that, please, press "Execute" button, . And then Inventory Management Cockpit screen is displayed.

Inventory Management Cockpit is very useful for the user because in the different tabs is possible to check and a lot of data and information of materials. The available tabs are:
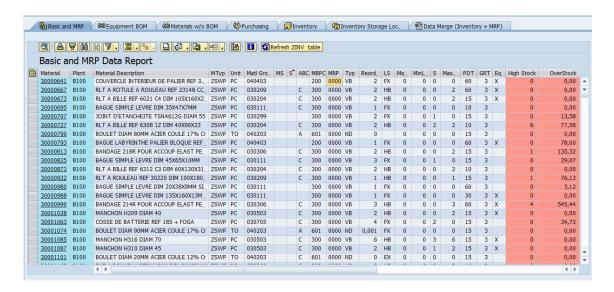

- Basis and MRP
- Equipment BOM
- Material w/o BOM
- Purchasing
- Inventory
- Inventory Storage Location
- Storage Bin
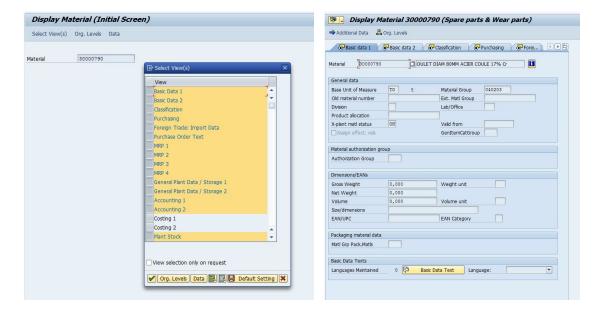- Data Merge (Inventory + MRP)

3.1 Basic and MRP tab

On the "Basic and MRP" tab, [Basic and MRP] , the user can to check the Basis and MRP Data report, that have a lot of information of the materials.

This information could be: Material Type, Unit, Material Group, MRP Controller, MRP Type, Reorder Point, Lot Size, Maximum and Minimum Lot Size, Safety Stock, Maximum Stock Level, Planned Delivery Time, Goods Receipt Processing Time, High Stock, OverStock, if material is assigned to a equipment or has been flag to delete and Old Material Number.
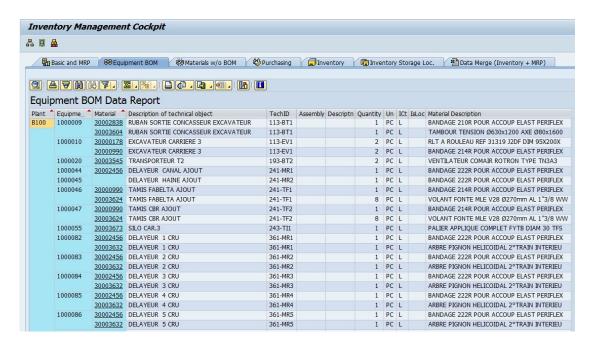
Clicking on the Material ID, the system open the "Display Material" screen, transaction MM03.

Select views of the material that you need to check, and press "Continue" [✓] button to display material data.
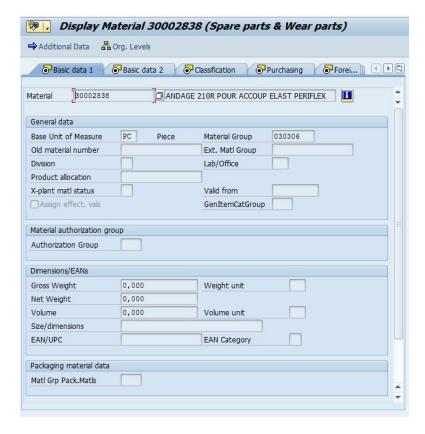
3.2 Equipment BOM tab

On the "Equipment BOM" tab, [Equipment BOM], the user can check Equipment BOMs. For each equipment you can display which materials are in the BOM.

Clicking on the material ID the system opens the "display Material" screen of the material master data (transaction MM03).
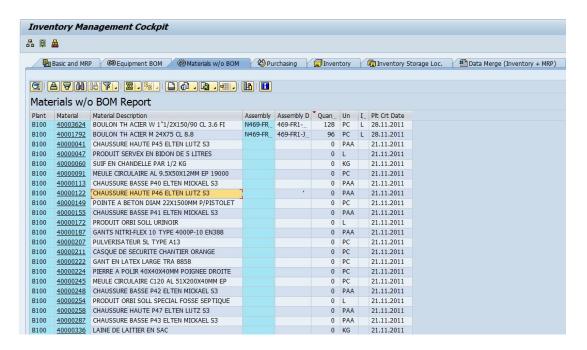
3.3 Material w/o BOM tab

On the "Material without BOM" tab, [Materials w/o BOM], the user can check the materials assigned to any BOM.
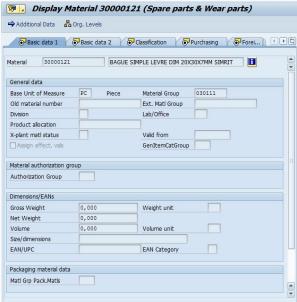
In this table is possible to check material description, assembly, quantity, unit, item category and creation date of the change document for each material.

As well on previous tabs, clicking on the material ID the system opens the Display material screen, transaction MM03, for this material.

Display Material (Initial Screen)

Select View(s)   Org. Levels   Data

Material   30000121

Select View(s)

| View |
| --- |
| Basic Data 1 |
| Basic Data 2 |
| Classification |
| Purchasing |
| Foreign Trade: Import Data |
| Purchase Order Text |
| MRP 1 |
| MRP 2 |
| MRP 3 |
| MRP 4 |
| General Plant Data / Storage 1 |
| General Plant Data / Storage 2 |
| Accounting 1 |
| Accounting 2 |
| Costing 1 |
| Costing 2 |
| Plant Stock |

☐ View selection only on request

✓ Org. Levels Data   Default Setting ✖

Display Material 30000121 (Spare parts & Wear parts)

➡ Additional Data   🔲 Org. Levels

| Basic data 1 | Basic data 2 | Classification | Purchasing | Forei... |

Material   30000121   BAGUE SIMPLE LEVRE DIM 20X30X7MM SIMRIT

General data

Base Unit of Measure	PC Piece	Material Group	030111
Old material number		Ext. Matl Group	
Division		Lab/Office	
Product allocation			
X-plant matl status		Valid from	
☐ Assign effect. vals		GenItemCatGroup	

Material authorization group

Authorization Group	

Dimensions/EANs

Gross Weight	0,000	Weight unit	
Net Weight	0,000		
Volume	0,000	Volume unit	
Size/dimensions			
EAN/UPC		EAN Category	

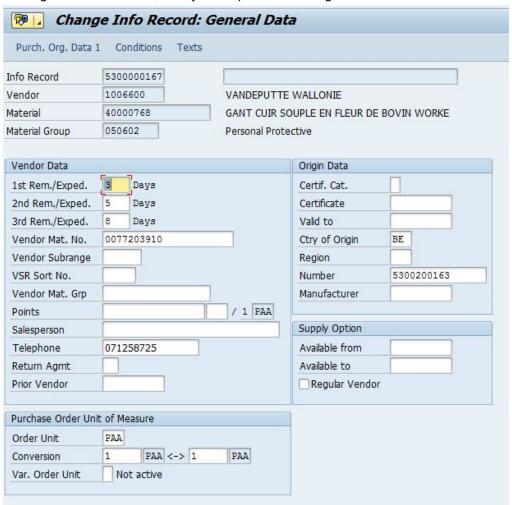**Packaging material data**

Matl Grp Pack.Matls	

3.4 Purchasing tab

On the "Purchasing" tab, , the user can check the materials purchased.

In this table you can check the vendor, Purchase organization, Number of Purchasing Info Record, quantity (max, min and standard), price, currency for each purchased material.

Clicking on the info record, the system opens the Change Info. Record screen.
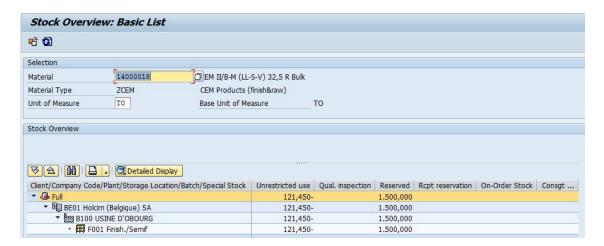
3.5 Inventory tab

Other useful tab is "Inventory", . On this tab the user can check the Inventory Data report, where is the Total and Own Stock, the Value, the Valuation Area, Type and Class of each material.

Clicking on the material ID, the system open the "Stock Overview: Basis List" of the material.
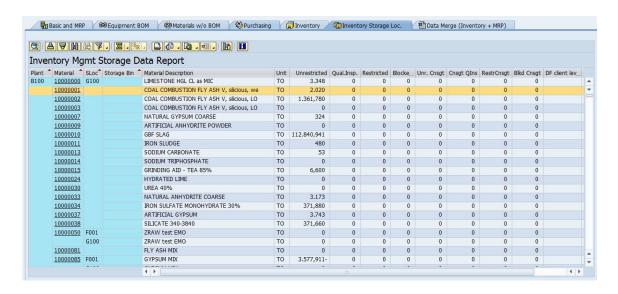
In this screen the user can check the Unrestricted, reserved, on stock or consignment stock quantities.

3.6 Inventory Storage Location tab

On the "Inventory Storage Location" tab, [Inventory Storage Loc.], the user can check the Inventory Management Storage Data report that is very similar to the "Stock Overview" screen but for all selected materials.

As well that on the "Inventory" tab, clicking on the material ID the system opens the Stock Overview for this material.

3.7 Storage bin tab

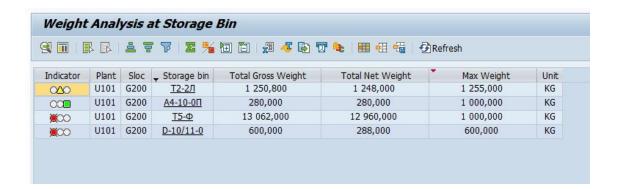On the "Storage bin" tab, Storage Bin , the user can check the following data:

- Storage bin of the selected material
- Gross Weight at unit from material master data
- Total Gross Weight which is the Gross Weight at unit x Unrestricted stock
- Net Weight at unit from material master data
- Total Net Weight which is the Net Weight at unit x Unrestricted stock
- Weight Unit
- Actual Stock which is the Unrestricted stock
- Stock Unit

Inventory Management Cockpit

Basic and MRP | Equipment BOM | Materials w/o BOM | Purchasing | Inventory | Inventory Storage Loc. | Storage Bin | Data Merge (Inventory + MRP)

Storage Bin

Plant	Material N	Storage Lo	Storage Bin	Material Description (Short Text)	Gross Weight at unit	Total Gross Weight	Net Weight at unit	Total Net Weight	Weight Unit	Actual Stock	Unit
A102	30262877	G200	99__830101	MAHLKUGELCr legiert, D=40	1.000	20.000	1.000	20.000	KG	20	TO
	30269827		01__100106	Distantblech m. VS S02.01.262-2	1,850	11,100	1,850	11,100	KG	6	PC

As on previous tabs, clicking on the material ID the system opens the Display material screen, transaction MM03, for this material.

It is also other report that will provide more information about "Weight analysis at Storage bin" level, ZMM007.
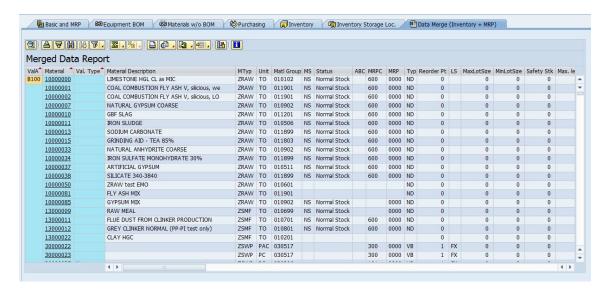
Weight Analysis at Storage Bin

Refresh

Indicator	Plant	Sloc	Storage bin	Total Gross Weight	Total Net Weight	Max Weight	Unit
○△○	U101	G200	T2-2Л	1 250,800	1 248,000	1 255,000	KG
○○■	U101	G200	A4-10-0П	280,000	280,000	1 000,000	KG
●○○	U101	G200	T5-Ф	13 062,000	12 960,000	1 000,000	KG
●○○	U101	G200	D-10/11-0	600,000	288,000	600,000	KG

Below more details about this in the training , MAN1b- Weight analysis at Storage bin

3.8 Data merge (Inventory + MRP) tab

Finally, on the "Data Merge (Inventory + MRP)" tab, Data Merge (Inventory + MRP) , the user find the Merged Data report, that include all information of these two tabs.

As well that on the "Inventory" and " Inventory Storage Loc." tabs, clicking on the Material ID the system opens the Stock Overview for this material.

4. Annexes

4.1 Transaction List

Transaction	Description
ZMM003	Inventory Management Cockpit

LafargeHolcim - European IT Services S.L.
C/ Albasanz 14
Madrid, Spain
info@lafargeholcim.com
www.lafargeholcim.com
Phone +34 91.410.1412
Fax +34 91.410.1450