Over Burden Measurement Report

Project – PASSION

Production Planning
Version 1.0

Designed for

1 Introduction

This document helps understand the custom object developed for Over Burden Measurement report and its reconciliation report.

1.1 Document Objective

Process user will be familiar with following activities.

- OB Measurement
- OB Measurement Report
- OB Measurement Edit/Reversal/Log
- OB Reconciliation Report

2 Icon List/Legends

Icon List /Legends
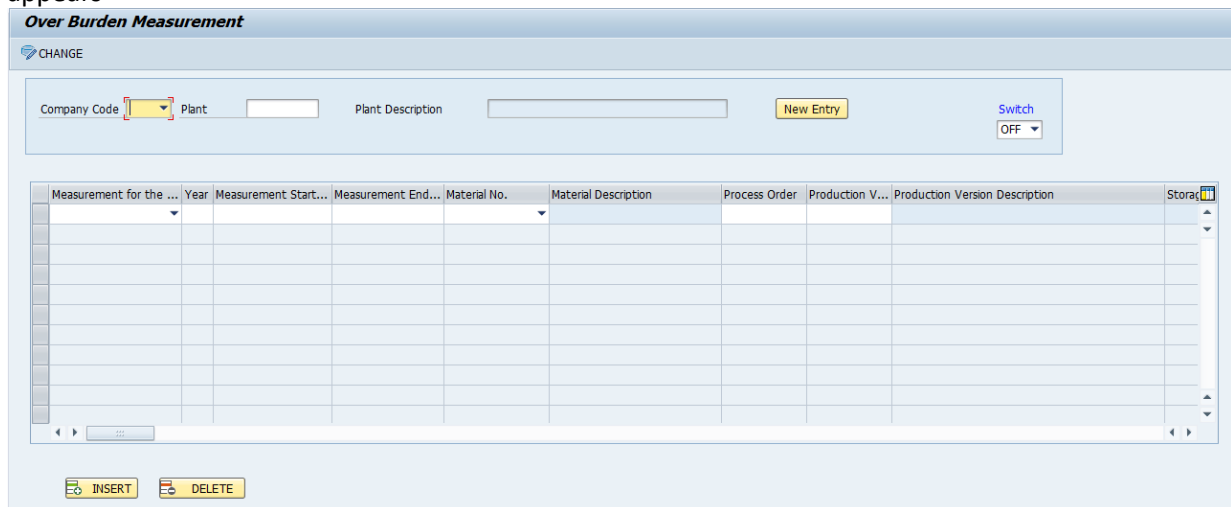
Icons	Description
	Continue Enter
	Save
	Back
	Exit
	Cancel
	Date and preview period
	Go to
	Create
	Copy
	Change
	Display
	Delete
	Display <-> Change
	Refresh

2.1 Over Burden Measurement Report (T-code: ZOB_Measurement)
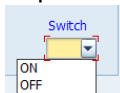
Over Burden Measurement report has 2 switch cases.
1) Off Case represents to MCL, WCL and CIL (NEC Mine)
2) On Case represents to rest of the subsidiary
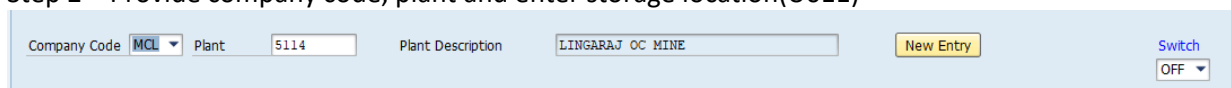
Go to the SAP Easy screen and run the t-code "ZOB_Measurement" and press enter. Below screen appears

Step 1 - Select the switch for which the OB to be measured

Step 2 – Provide company code, plant and enter storage location(U011)

Step 3 – Enter the following fields and make sure to click enter after each field in filled with data,
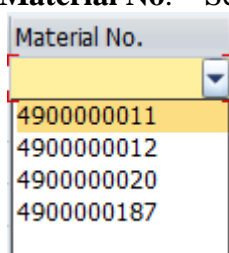
Measurement for the Month – Enter the month for which OB measurement to be done (A validation is kept in place to restrict entry for current month)
Measurement for the Year - Enter the Year for which OB measurement to be done.
Measurement Start Date – Enter the start date of measurement.
Measurement End Date – Enter the end date of measurement.
Material No. – Select the material from the dropdown menu and then click enter.

Process Order – Select the process order using the search option and then click enter to update the values. (only in case of MCL subsidiary)

Production Version – Select the production version using the search option and then click enter to update the values. In case of departmental the vendor code field is greyed out and for hired case the vendor field and Patch/Quarry No/Bench No field needs to be entered by user.

Vendor Agency Code – Select the actual vendor/agency code using the search option and then click enter to update the values.

Patch/Quarry No/Bench No.- Select the actual Patch/Quarry No. from the search option and click on enter. System should display the Reported OB Value.

In case of multiple process orders or Vendor agency codes or Patch/Quarry No., we need to insert multiple number of line items for same.

Over Burden Measurement
CHANGE

Company Code MCL ▼ Plant 5114   Plant Description   LINGARAJ OC MINE   New Entry   Switch OFF ▼

Measurement for the ...	Year	Measurement Start...	Measurement End...	Material No.	Material Description	Process Order	Production V...	Production Version Description
APRIL ▼	2023	01.05.2023	05.05.2023	4900000011 ▼	Over Burden	70010945	PV02	OB Blasted Dept. S/D
APRIL ▼	2023	01.05.2023	05.05.2023	4900000011 ▼	Over Burden	70010946	PV03	OB Blasted Hired DLH

INSERT   DELETE

Over Burden Measurement
CHANGE

Company Code MCL ▼ Plant 5114   Plant Description   LINGARAJ OC MINE   New Entry   Switch OFF ▼

Production V...	Production Version Description	Storage Loc.	Vendor/Agency Code	Vendor Description	Patch/Quarry No/Bench No	Measured OB	Reported OB
PV02	OB Blasted Dept. S/D	U011			LAN SEAM VI A & V P	81,000.000	78,657.380
PV03	OB Blasted Hired DLH	U011	0010005623	ORISSA STEVEDORES LTD	LAN SEAM IV A & IIIP	12,600.000	12,780.000

INSERT   DELETE

Enter the Measured OB value against each line item and click on save.

Note: Another t-code **ZOB_ERL** is developed, in case of any modification in the Measured quantity field or reversal of the total line item or to display the logs.

Case 1: Edit – To edit the measured quantity, select EDIT radio button and then enter subsidiary, plant, storage location and reported month & year.

Select the required line item and change the quantity as required and click on save.

Case 2: Reversal – To delete the line item, select REVERSAL radio button and then enter subsidiary, plant, storage location and reported month & year.

Select the required line item and click on reverse to delete the line item and click on save.

Case 3: LOGS – This Log radio button shows in case of any changes or reversal has been done.

2.2 OB Measurement Report (T-code: ZMM_OBM_REP)

This report displays the list of entries maintained in the OB measured report with actual measured quantity.

Enter the required input parameters in the selection screen; subsidiary, mine/plant, measurement month, year and storage location.

Enter the details and execute to display the list.

Over Burden Measurement Report

SL No	Subsi	Mine/	Stora	Measur	Year	Measureme	Measuremen	Material Code	Material Descrip	Process Or	Produ	Production Version Description	Patch/Quarry Wise	Vendor/Agenc	Measured OB	Reported OB
1	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN		PV02	DEPARTMENTAL OB	LAN SEAM VI A & V P		76,000.000	78,657.380
2	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010946	PV03	HIRED OB (DRILLING, LOADING	WES IV A & III P	0010009054	1,800.000	1,812.000
3	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010946	PV03	HIRED OB (DRILLING, LOADING	WES SEAM- III & II P	0010009054	227,000.000	226,200.000
4	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010946	PV03	HIRED OB (DRILLING, LOADING	WES VI& V P	0010009054	1,400.000	1,416.000
5	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010946	PV03	HIRED OB (DRILLING, LOADING	LAN SEAM VI B &VI AP	0010005623	6,900.000	6,950.000
6	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN		PV03	HIRED OB (DRILLING, LOADING	LAN SEAM V & IV B P	0010005623	19,500.000	19,170.000
7	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010946	PV03	HIRED OB (DRILLING, LOADING	LAN SEAM IV B & IVP	0010005623	23,000.000	23,200.000
8	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010946	PV03	HIRED OB (DRILLING, LOADING	LAN SEAM VII & VI BP	0010005623	60,000.000	61,320.000
9	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010946	PV03	HIRED OB (DRILLING, LOADING	LAN SEAM IV A & IIIP	0010005623	13,000.000	12,780.000
10	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010946	PV03	HIRED OB (DRILLING, LOADING	LAN SEAM VIII &VII P	0010005623	63,000.000	63,040.000
11	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010946	PV03	HIRED OB (DRILLING, LOADING	LAN SEAM VI A & V P	0010005623	44,500.000	44,190.000
12	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010949	PV98	SURFACE MINER REJECTS DEP	LAN/SEAM-VII		76.000	78.273
13	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010949	PV98	SURFACE MINER REJECTS DEP	LAN/SEAM II		300.000	297.540
14	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010949	PV98	SURFACE MINER REJECTS DEP	LAN/SEAM V		6,900.000	6,861.091
15	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010949	PV98	SURFACE MINER REJECTS DEP	LAN/SEAM III		2,200.000	2,209.719
16	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010950	PV99	SURFACE MINER REJECTS HIRED	WES/SEAM-III	0010007559	200.000	204.939
17	MCL	5114	U011	APRIL	2023	01.05.2023	05.05.2023	4900000011	OVER BURDEN	70010950	PV99	SURFACE MINER REJECTS HIRED	WES/SEAM-II	0010007559	38.000	37.045

2.3 OB Reconciliation Report (T-code: ZOB_MEASURED_QTY)

This report displays the date wise with total reported production quantity and total production after measured quantity distributed in pro-rata basis across the whole month for the production days.

The reconcile report will be executed in the back end using batch job by creating variant for respective subsidiary on the days requested by business.

In case user wants to run through the reconciliation report for a particular month, he can run the same using the transaction ZOB_MEASURED_QTY by giving the mine/plant code and period (Month & Year).

OB Measure cum Reconciliation Report

Selection / Input parameter

Plant	5114	to		
Material Number		to		
Storage Location		to		
Report Year & Month	202304			

OB Measure cum Reconciliation Report

Date	Material No.	Material Desc.	Plant	Plant Description	SLoc. Desc	Total Rep.	Hired OB R	Dept. OB R	Total Prod	Hired OB P	Dept. OB P
06.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	19,631.867	16,640.000	2,991.867	18,811.558	15,908.934	2,902.624
07.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	20,564.183	17,258.000	3,306.183	19,707.348	16,499.783	3,207.565
08.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	20,214.695	17,424.000	2,790.695	19,365.943	16,658.490	2,707.453
09.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	20,249.681	17,445.045	2,804.636	19,399.588	16,678.610	2,720.978
10.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	20,953.337	17,286.527	3,666.810	20,084.492	16,527.057	3,557.435
11.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	20,198.600	16,840.000	3,358.600	19,358.565	16,100.147	3,258.418
12.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	20,944.723	17,706.477	3,238.246	20,070.210	16,928.556	3,141.654
13.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	23,945.744	20,440.000	3,505.744	22,943.157	19,541.984	3,401.173
14.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	22,523.146	19,324.000	3,199.146	21,578.736	18,475.015	3,103.721
15.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	24,219.345	20,794.000	3,425.345	23,203.603	19,880.431	3,323.172
16.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	16,452.273	14,126.000	2,326.273	15,762.269	13,505.385	2,256.884
17.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	19,479.057	17,358.000	2,121.057	18,653.178	16,595.389	2,057.789
18.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	1,996.370	640.000	1,356.370	1,927.794	611.882	1,315.912
19.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	3,024.310	0.000	3,024.310	2,934.100	0.000	2,934.100
20.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	2,916.790	0.000	2,916.790	2,829.787	0.000	2,829.787
21.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	8,680.403	5,174.000	3,506.403	8,348.497	4,946.684	3,401.813
22.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	18,159.635	15,998.000	2,161.635	17,392.297	15,295.140	2,097.157
23.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	22,277.855	18,562.000	3,715.855	21,351.510	17,746.493	3,605.017
24.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	22,652.130	19,298.000	3,354.130	21,704.239	18,450.157	3,254.082
25.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	24,605.460	20,522.000	4,083.460	23,582.039	19,620.382	3,961.657
26.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	21,366.811	19,974.000	1,392.811	20,447.724	19,096.458	1,351.266
27.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	23,476.249	20,461.055	3,015.194	22,487.370	19,562.114	2,925.256
28.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	22,661.084	20,716.571	1,944.513	21,692.915	19,806.404	1,886.511
29.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	21,124.502	18,243.091	2,881.411	20,237.058	17,441.595	2,795.464
30.04.2023	4900000011	Over Burden	5114	Lingaraj OC Mine	OB - Store	22,589.028	18,673.218	3,915.810	21,651.832	17,852.824	3,799.008
						569,595.98	481,491.98	88,104.003	545,814.00	460,337.99	85,476.002

ZOB_MEASURED_QTY

One CIL ~ One ERP

PROJECT PASSION