

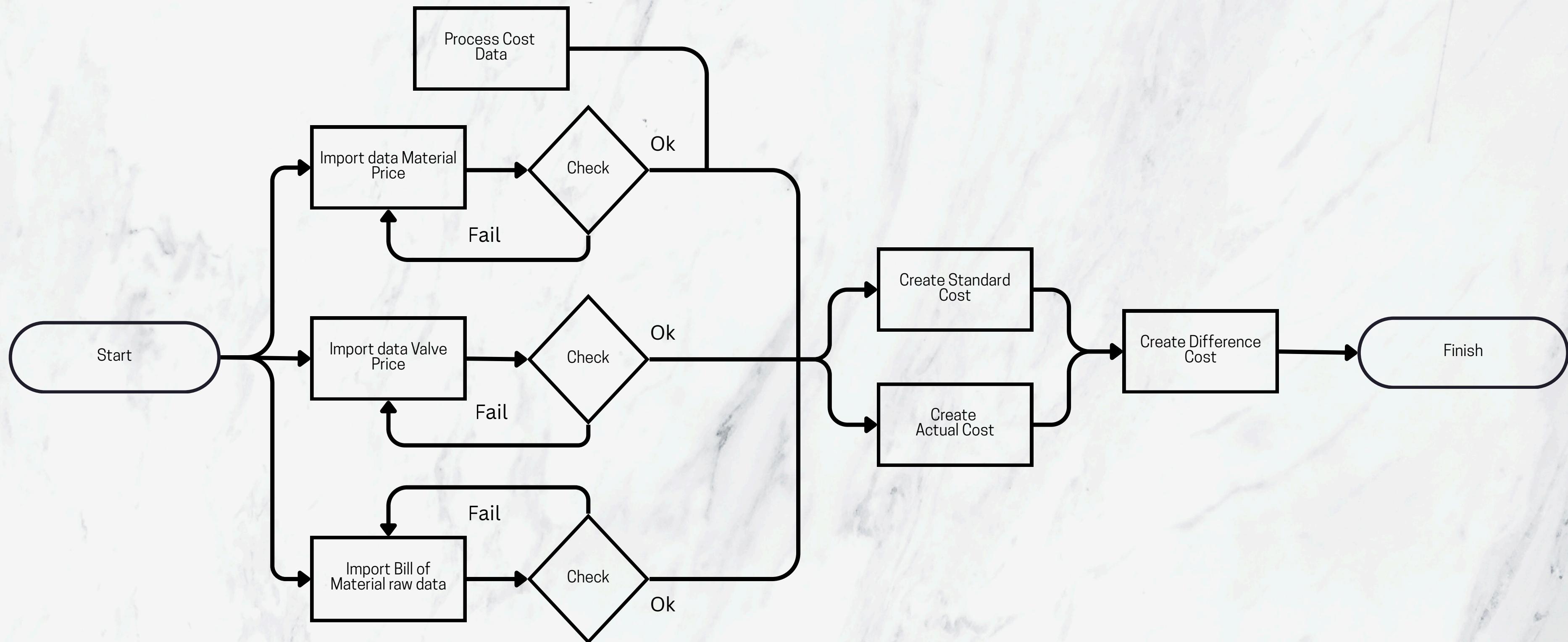


Guidebook Bill of Material Calculation

Presented By :
Fadel



Flow





Dashboard

Feature :

Finance & Accounting
Internal System

Menu

Dashboard

Request for Service

Administrator

Process Cost

Master Data

Report

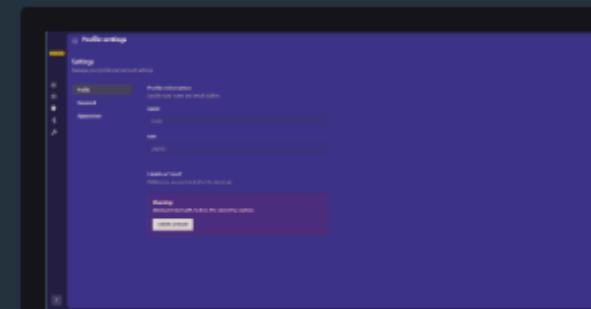
Standard Cost

BOM Master Data

Standard Master Data

Actual Master Data

Report

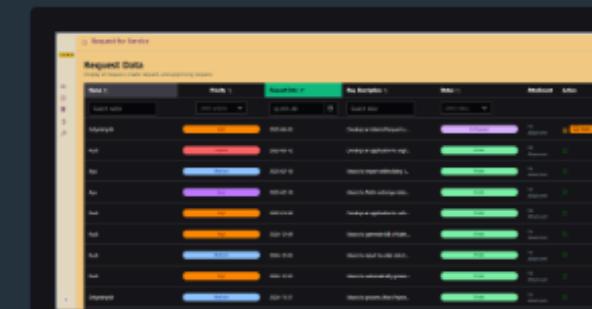


Profile Configuration

#Profile

Change profile configuration like account password, delete account, change website theme.

Go



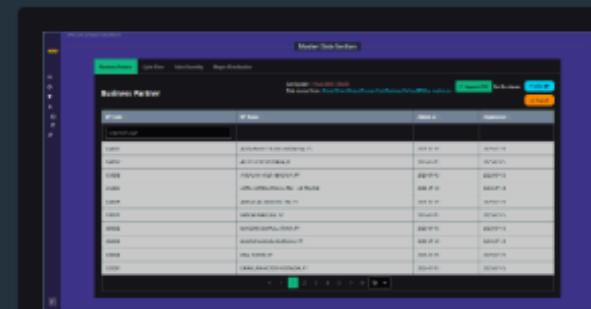
Request for Service

#RFS

This menu is used to submit support requests to developers regarding Information Technology issues.

Guidance

Go



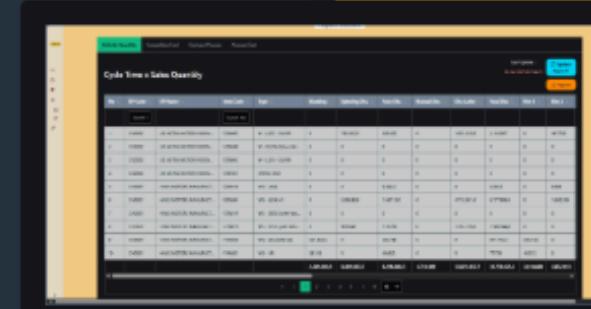
Process Cost

#ProCost

This menu is used to automatically calculate Process Costs. It requires four types of master data: Business Partner, Cycle Time, Sales Quantity, and Wages Distribution.

Guidance

Go



Standard Cost

#BOM

This menu is used to automatically explode Bill of Material and calculate Standard/Actual Cost. It requires four types of master data: Standard/Actual Material Price, Valve Price, BOM raw data.

Guidance

Go



Organization Structure

#OrgChart

Finance & Accounting Organization Structure.

Go

Tekan menu Standard Cost, lalu akan muncul 3 pilihan master data silahkan update ketiganya atau jika dari halaman dashboard tekan tombol Go di jendela Standard Cost seperti yang ditunjuk oleh panah (pilih salah satu).

Click the Standard Cost menu, then select Master Data. Or, from the dashboard page, click the Go button in the Standard Cost window as shown by the arrow (choose one).

Standard Cost メニューをクリックして、Master Data を選択します。または、ダッシュボード画面から矢印で示された Standard Cost ウィンドウ内の Go ボタンをクリックします（どちらか一方を選択してください）。



Bill of Material

Calculating Bill of Material

Menu

Dashboard

Request for Service

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Process Cost

Master Data

Report

Standard Cost

BOM Master Data

Standard Master Data

Actual Master Data

Report

Fadel

Master Data Section

Standard Material Price							
Standard Material Price							
Standard Material Price							
Material Code ↑↓	Description ↑↓	In Stock ↑↓	Group ↑↓	Standard Price ↑↓	Added at ↑↓	Updated at ↑↓	Action
RFD001	-	0	RAW MATERIAL	Rp 0	2025-09-30	2025-09-30	
RFD002	BRAA (OWO 50) - DISC 5.3 X 375 X 375	0	RAW MATERIAL	Rp 134.128,55	2025-09-30	2025-09-30	
RFD004	-	0	RAW MATERIAL	Rp 0	2025-09-30	2025-09-30	
RFD010	-	0	RAW MATERIAL	Rp 0	2025-09-30	2025-09-30	
RFD014	PDFA SPINNING DISC 15x5.50 F-B25	1406	RAW MATERIAL	Rp 91.187,76	2025-09-30	2025-09-30	
RFD015	-	0	RAW MATERIAL	Rp 0	2025-09-30	2025-09-30	
RFD016	QDE FE71 - DISC 4.5 X 375 X 375	0	RAW MATERIAL	Rp 84.357,58	2025-09-30	2025-09-30	
RFD017	SFUB - DISC 4.5 X 371 X 371	0	RAW MATERIAL	Rp 139.873,23	2025-09-30	2025-09-30	
RFD018	-	0	RAW MATERIAL	Rp 0	2025-09-30	2025-09-30	
RFD019	ZKO DE- DISC SPHC P O 4.5 X 375 X 375	0	RAW MATERIAL	Rp 0	2025-09-30	2025-09-30	

Import CSV No file chosen

Export

Last Update : 30 Sep 2025 10:17:51

Data source From : Share Others/Finacc/Bill of Material/Standard Material Price/standardMat_master.csv

Perbaharui data Standard Material Price pada alamat yang dilingkari merah kemudian import data dengan menekan tombol Import CSV (ditunjuk panah) lalu tunggu proses import hingga selesai.

Update the Standard Material Price data at the location marked with a red circle, then import the data by clicking the Import CSV button (as shown by the arrow), and wait until the import process is complete.

赤い丸で囲まれた場所の Standard Material Price データを更新し、矢印で示された Import CSV ボタンをクリックしてデータをインポートします。その後、インポート処理が完了するまでお待ちください。



Menu

Dashboard

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Process Cost

Master Data

Report

Standard Cost

BOM Master Data

Standard Master Data

Actual Master Data

Report

Fadel

Bill of Material

Calculating Bill of Material

Master Data Section

Standard Material Price

Import CSV standardMat_master.csv

Export

Last Update : 06 Oct 2025 10:20:02

Data source From : Share Others/Finacc/Bill of Material/Standard Material Price/standardMat_master.csv

Standard Material Price

Material Code	Description		Standard Price	Added at	Updated at	Action	
RFD001	-		Rp 0	2025-10-06	2025-10-06		
RFD002	BRAA (OWO 50)		Rp 134.128,55	2025-10-06	2025-10-06		
RFD004	-		Rp 0	2025-10-06	2025-10-06		
RFD010	-	0	RAW MATERIAL	Rp 0	2025-10-06	2025-10-06	
RFD014	PDFA SPINNING DISC 15x5.50 F-B25	1406	RAW MATERIAL	Rp 91.187,76	2025-10-06	2025-10-06	
RFD015	-	0	RAW MATERIAL	Rp 0	2025-10-06	2025-10-06	
RFD016	QDE FE71 - DISC 4.5 X 375 X 375	0	RAW MATERIAL	Rp 84.357,58	2025-10-06	2025-10-06	
RFD017	SFUB - DISC 4.5 X 371 X 371	0	RAW MATERIAL	Rp 139.873,23	2025-10-06	2025-10-06	
RFD018	-	0	RAW MATERIAL	Rp 0	2025-10-06	2025-10-06	
RFD019	ZKO DE- DISC SPHC P O 4.5 X 375 X 375	0	RAW MATERIAL	Rp 0	2025-10-06	2025-10-06	

Import Confirmation

Progress :

100%

Hi Fadel,

Import Finish, it's safe to close window.

X Close

✓ Import Success
standardMat_master.csv imported successfully

Jika import sudah selesai akan muncul notifikasi Import Success (panah merah) dan silahkan close jendela Import Confirmation.

When the import is complete, a notification saying "Import Success" will appear (red arrow). Then, please close the Import Confirmation window.

インポートが完了すると、「Import Success」という通知が表示されます（赤い矢印）。その後、インポート確認ウィンドウを閉じてください。



Feature :

Finance & Accounting
Internal System

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Request for Service

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Process Cost

Master Data

Report

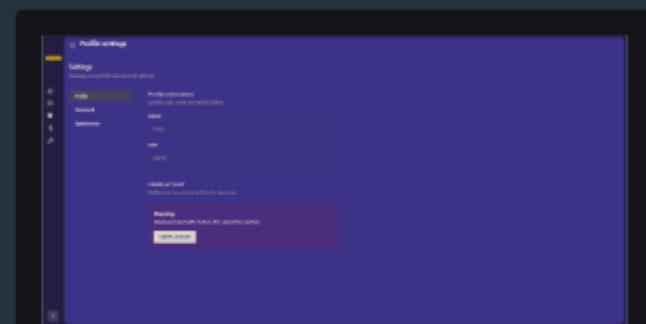
Standard Cost

BOM Master Data

Standard Master Data

Actual Master Data

Report

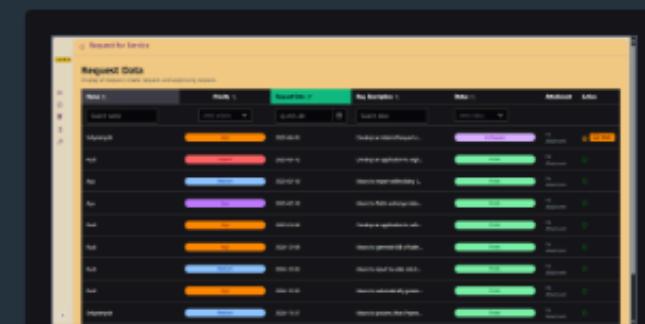


Profile Configuration

#Profile

Change profile configuration like account password, delete account, change website theme.

Go



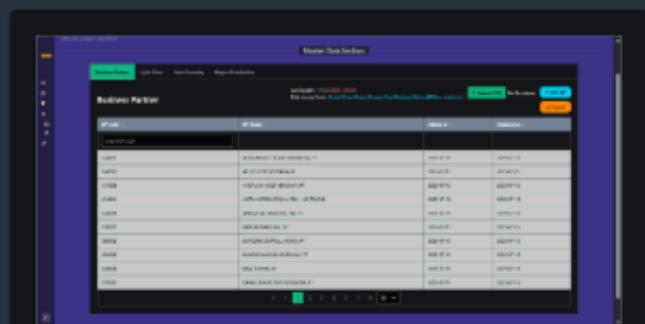
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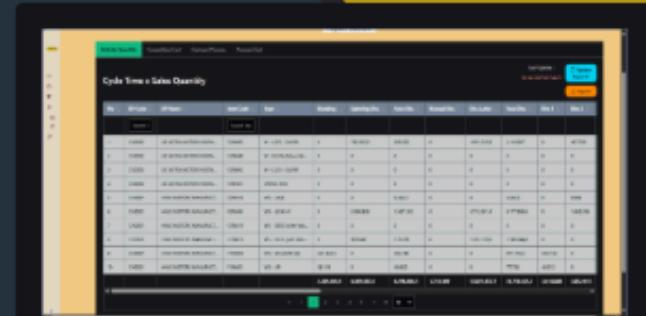
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Organization Structure

#OrgChart

Finance & Accounting Organization Structure.

Go

Metode import tadi berlaku juga untuk BOM Master data dan Actual Master Data.

The same import method also applies to BOM Master Data and Actual Master Data.

同じインポート方法は、BOM Master Data と Actual Master Data にも適用されます。



Dashboard

Feature :

Finance & Accounting
Internal System

Menu

Dashboard

Request for Service

Administrator

Process Cost

Master Data

Report

Standard Cost

BOM Master Data

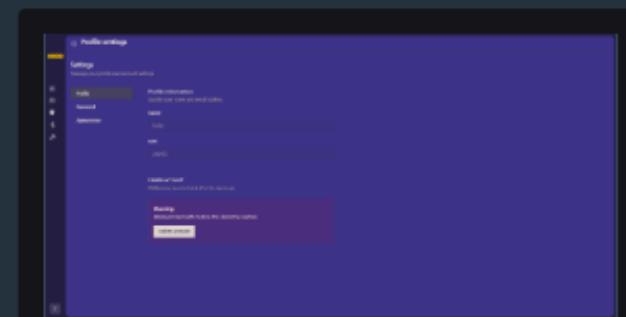
Standard Master Data

Actual Master Data

Report

F

Fadel

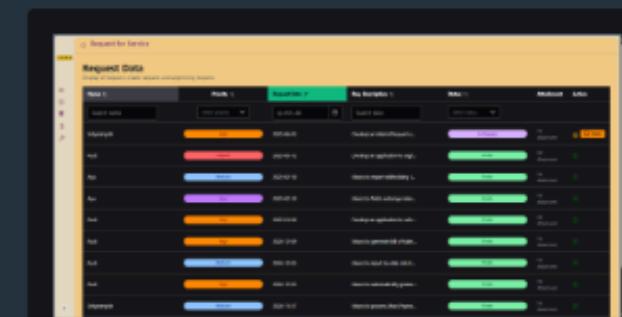


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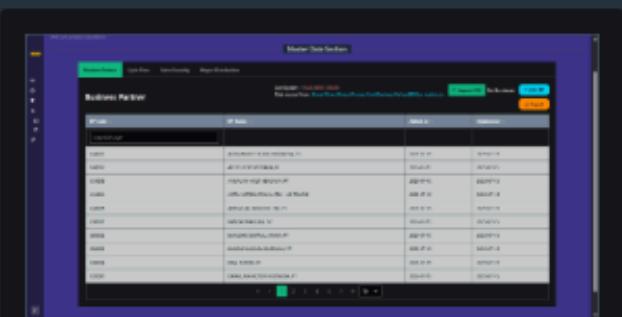
Request for Service

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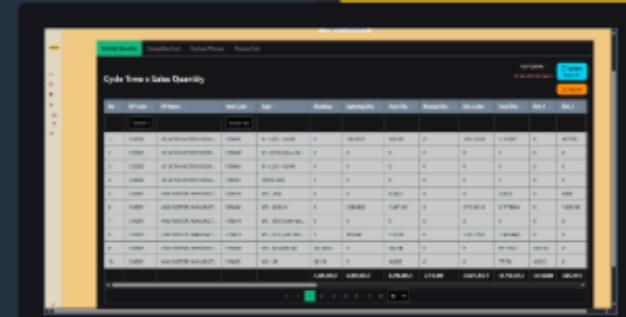
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Organization Structure

#OrgChart

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Jika sudah, pergi ke menu Report (ditunjuk panah).

When you're done, go to the Report menu (shown by the arrow).

完了したら、矢印で示されているレポートメニューに進んでください。

Bill of Material

Calculating Bill of Material

Report Section

The screenshot shows the 'Report Section' of the Bill of Material application. At the top, there are three tabs: 'Standard Cost' (highlighted in green), 'Actual Cost', and 'Difference'. Below these tabs, the word 'Standard' is displayed in red, followed by 'Cost' in white. To the right of this, there are two buttons: 'Export Report' (orange) and 'Update Report?' (cyan, with a red arrow pointing to it). Further right are input fields for 'OPEX:' (6%) and 'Profit Margin:' (5%), each with an associated 'Update Value?' button. A 'Select Period:' dropdown menu is also present. On the far right, the text 'Last Update : -' is shown. Below these controls is a large table with columns labeled '# ↑', 'Item Code ↑', 'Type ↑', 'Name ↑', 'Qty ↑', 'Disc ↑', 'Price ↑', 'Qty ↑', 'Rim ↑', 'Price ↑', 'Qty ↑', 'Sidering ↑', 'Price ↑', 'Pr Disc ↑', and 'Pri'. The first row of the table contains search and selection inputs: 'Search iter', 'Select prior...', 'Search', and so on. At the bottom of the table area, there is a navigation bar with arrows and a page number indicator '10'.

Untuk mengeluarkan nilai reportnya cukup menekan tombol Update Report (ditunjuk panah).

To display the report values, just click the Update Report button (shown by the arrow).

レポートの値を表示するには、矢印で示されたUpdate Reportボタンをクリックするだけです。



Bill of Material

Calculating Bill of Material



Standard Cost	Actual Cost	Difference
Standard Cost		
 Export Report		
# ↑↓	Item Code ↑↓	Type ↑↓
<input type="text"/> Search item	<input type="text"/> Select prior...	<input type="button"/>
<		>

Update Confirmation

Hi Fadel,

Are you sure you want to update the report?

Select Period:

Month

01

Year

2025

Make sure this data is up to date:

Data	Last Update
Material Price	13 Aug 2025 11:31:51
Valve Price	13 Aug 2025 11:31:58
Bill of Material	13 Aug 2025 11:33:54
Process Cost	13 Aug 2025 11:31:33

Cancel

Yes, Update


 [Update Value?](#)

 Select Period :
 Select a period

Last Update : -

Pilih periode (bulan dan tahun) untuk data report ini, dan jika sudah yakin tekan button Yes, Update. Lakukan hal yang sama untuk Actual Cost

Select the period (month and year) for this report. When ready, click Yes, Update. Do the same for Actual Cost.

このレポートの期間（年月）を選択し、準備ができたら Yes, Update ボタンをクリックしてください。Actual Cost についても同じ操作を行ってください。

Bill of Material

Calculating Bill of Material

Report Section

The screenshot shows a dark-themed user interface for a financial reporting application. At the top, there's a navigation bar with icons for home, search, and other functions. Below it, a header bar displays the title "Bill of Material" and the subtitle "Calculating Bill of Material". A secondary header "Report Section" is centered above the main content area.

The main content area features a table titled "Difference" with three columns: "Standard Cost", "Actual Cost", and "Difference". The "Difference" column is highlighted with a green background. Below the table, there are two buttons: "Export Report" (orange) and "Calculate Difference?" (cyan). To the right of the table, there are dropdown menus for "Standard Period" (set to "Jan-25") and "Actual Period" (set to "Aug-25").

Below the table, there's a detailed view of the cost breakdown. It includes columns for "#", "Item Code", "Standard Period", "Actual Period", "Standard Cost" (with sub-categories "Total Raw Material", "Total Process", and "Total"), and "Actual Cost" (with sub-categories "Total Raw Material", "Total Process", and "Total"). The "Item Code" column contains the value "Sea".

At the bottom of the table area, there are navigation controls for page numbers (10, 11, 12, etc.) and a dropdown menu for selecting the number of items per page.

A prominent red arrow points from the bottom left towards the "Calculate Difference?" button, highlighting it as the key action for viewing the difference cost.

Untuk melihat difference cost, silahkan tekan tombol Calculate Difference.

To view the difference cost, click the Calculate Difference button.

差額コストを表示するには、Calculate Difference ボタンをクリックしてください。

Bill of Material

Calculating Bill of Material

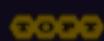
Report Section

The screenshot shows a software interface for calculating a Bill of Material. On the left, there's a sidebar with various icons. The main area displays a table titled 'Difference' with columns for Standard Cost, Actual Cost, and Difference. A modal window titled 'Update Confirmation' is overlaid on the screen. It contains a message: 'Hi Fadel, Are you sure you want to update the report?'. Below this is a section for 'Select Report Period:' with dropdown menus for 'Standard Period' (set to 'Jan-25') and 'Actual Period' (set to 'Aug-25'). At the bottom of the modal are two buttons: 'Cancel' (red) and 'Yes, Update' (green). A red arrow points to the 'Yes, Update' button. In the background, the main table has columns for Actual Cost, Total Raw Material, Total Process, and Total.

Silahkan pilih periode Standard Cost dan Actual Cost yang ingin dihitung, kemudian tekan tombol Yes, Update.

Select the period for Standard Cost and Actual Cost you want to calculate, then click Yes, Update.

計算したい Standard Cost と Actual Cost の期間を選択し、Yes, Update ボタンをクリックしてください。



Bill of Material

Calculating Bill of Material

Report Section

Generate/Explode BOM

Last Update :
17 Jul 2025 11:48:25

Bill of Material

Update Confirmation

Hi Rudi,
Finished updating the report.
It's now safe to close this window.

Close

Bill of Material Data (Table)

#	Item Code	Type	Name	Price	Qty	Sidering	Price	Pr Disc	Price	Pr Rim
1	F15D01	Disc	DISC - ZKO DE	0	0	0	0	RS-DC02	0	
2	F15D02	Disc	DISC QDF	1	RFD054	141.498	0	RS-DC28	0	
3	F15N01	Side Ring	S.RING F15	0		0	0	RFS011	42.270	
4	F15N02	Side Ring	S.RING F15 ZENKO	0		0	0	RFS011	42.270	
5	F15N03	Side Ring	S.RING GS15	0		0	0	RFS024	51.834	
6	F15W01	Wheel	WS - QDE LWB	1	RFD016	84.358	1	RFR013	89.254	0.5
7	F15W02	Wheel	WS - BRAA	1	RFD002	134.129	1	RFR013	89.254	0.5
8	F15W03	Wheel	WS - SFUB	1	RFD017	139.873	1	RFR013	89.254	0.5
9	F15W04	Wheel	WS - SELUR (MTR 140)	1	RFD017	130.873	1	RFR013	89.254	0.5

Jika Update Report sudah selesai silahkan tutup window Update Confirmation dan data Bill of Material sudah bisa dilihat.

Once the Update Report is complete, please close the Update Confirmation window. The Bill of Material data can now be viewed.

Update Reportが完了したら、Update Confirmationウィンドウを閉じてください。**Bill of Material (部品表) **のデータが表示されるようになります。

Report Section

Standard Cost	Actual Cost	Difference									
Difference				Export Report		Calcuate Difference?		Standard Period :		Actual Period :	
# ↑	Item Code ↑	Standard Period ↑	Actual Period ↑	Standard Cost			Actual Cost				
				Total Raw Material ↑	Total Process ↑	Total ↑	Total Raw Material ↑	Total Process ↑	Total ↑		
	Sea ▾										
	F15D01	Jan-25	Aug-25	0	0	0	0	0	0	0	0
	F15D02	Jan-25	Aug-25	141.498,25	0	141.498,25	149.265,53	0	0	0	149.265,53
	F15N01	Jan-25	Aug-25	42.270,13	28.966,58	71.236,71	46.412,24	28.966,58	75.378,82		
	F15N02	Jan-25	Aug-25	42.270,13	0	42.270,13	46.412,24	0	0	0	46.412,24
	F15N03	Jan-25	Aug-25	51.833,56	28.966,58	80.800,14	54.162,21	28.966,58	83.128,79		
	F15W01	Jan-25	Aug-25	215.881,45	0	215.881,45	237.714,89	0	0	0	237.714,89
	F15W02	Jan-25	Aug-25	265.652,42	276.289,01	541.941,43	291.783,17	276.289,01	568.072,18		
	F15W03	Jan-25	Aug-25	271.397,11	274.288,01	545.685,12	298.550,89	274.288,01	572.838,9		

Jika ingin export data report kedalam CSV baik untuk Standard/Actual/Difference Cost, pilih periode laporannya dahulu baru tekan button Export Report.

To export the report data to CSV for Standard, Actual, or Difference Cost, first select the report period, then click Export Report.

Standard、Actual、またはDifference Cost のレポートデータをCSVにエクスポートするには、まずレポート期間を選択し、Export Report ボタンをクリックしてください。

Report Section

Standard Cost Actual Cost Difference

Actual Cost [Export Report](#) [Update Report?](#)

OPEX : 6% Profit Margin : 5% Select Period : Aug-25

Last Update : 13 Aug 2025 13:21:03

opcoat W ↑	Cost ↑	WiP Topcoat SR ↑↓	Cost ↑↓	WiP Valve ↑↓	Cost ↑↓	Total Raw Material ↑↓	Total Process ↑↓	Total ↑↓	Month ↑↓	Year ↑↓	Action
0	-	0	-	0	-	0	0	0	August	2025	
149.265,53	-	0	-	0	-	149.265,53	0	149.265,53	August	2025	
0	-	64.458,82	-	0	-	46.412,24	28.966,58	75.378,82	August	2025	
0	-	46.412,24	-	0	-	46.412,24	0	46.412,24	August	2025	
0	-	72.208,8	-	0	-	54.162,21	28.966,58	83.128,79	August	2025	
191.302,65	-	46.412,24	-	0	-	237.714,89	0	237.714,89	August	2025	

Jika ingin cetak BOM per product cukup dengan menekan button pada kolom action (panah merah), untuk merubah biaya OPEX dan Margin silahkan tekan button Update Value.

To print the BOM for each product, just click the button in the Action column (red arrow). To change the OPEX and Margin values, click the Update Value button.

各製品のBOMを印刷するには、アクション列のボタン（赤い矢印）をクリックしてください。OPEXとマージンの値を変更するには、Update Valueボタンをクリックしてください。

A Not secure 192.168.14.10/bom/preview/F15W02?opex=6&progin=5

Print

Total: 1 sheet of paper

Printer: Canon iR-ADV 4245/4251 UFR...

Copies: 1

Layout: Landscape (highlighted with a red arrow)

Pages: All

e.g. 1-5, 8, 11-13

Print on both sides: Print on one side

Paper size: A4 (highlighted with a red arrow)

Print Cancel

Total Cycle Time: 133 Total Manufacturing Cost: 541.943

STANDARD COST 2025
06 Agustus 2025

ITEM CODE F15W02	TYPE WS - BRAA	STANDARD COST 2025											
		Qty	Price	Total	Qty	Price	Total	Qty	Price	Total	Qty	Price	Total
F15W02	WS - BRAA											541.943	
	PR Packing											1,00 12.012 12.012	
	Packing	26,4											
WE1W-001	CED - BRAA											464.277	
	PR RS-CD01	CED PROCESS BRAA											
		Ced	67%	6,1								1,00 27.004 27.004	
WE1S-001	CED - SIDE RING 15											65.654	
	PR RS-CD33	CED PROCESS SIDE RING 15											
		Ced	67%	2,4								1,00 10.802 10.802	
WC1W-001	RIM DISC - ASSY BRAA											437.273	
	PR RS-AS01	ASSY PROCESS BRAA											
		AssyT	76%	15,0								1,00 21.922 21.922	
WD1S-001	SIDE RING - SIDE RING 15 X 5.50F											54.852	
	RM RFS011	SIDERING BAR S25CL FX15 (h 48 mm)											
		0,50	42.270		42.270								
WA1R-001	SIDE RING PROCESS 15F												
	PR RS-SR02	Forming	66%	12,0	1,00 12.582 12.582								
	RIM BAR - RIM BAR 15 X 5.50F											150.956	
	RM RFR013	RIM BAR RIM-T 550FX15TP (h 160 mm)											
		1,00	89.254		89.254								
	PR RS-RB01	RIM BAR PROCESS 15											
		Rim1	65%	14,0	1,00 61.702 61.702								
WB1D-004	DISC - DISC 5.3 BRAA											264.395	
	RM RFD002	BRAA (OWO 50) - DISC 5.3 X 375 X 375											
		1,00	134.129		134.129								
	PR RS-DC04	DISC PROCESS BRAA											
		ManualDisc	65%	57,0	1,00 130.266 130.266								
	Total Cycle Time:	133	Total Manufacturing Cost:	541.943									

Total Raw Material : 265.653

Total Process : 276.290

Note:
This amount is included all inefficiencies, since actual production conditions (TPP Target from PPIC) are applied on it.
To be able to compete with market prices, the cost of 10-25% may be deducted from process cost

Prepared, _____

Approved, _____

Mfg Cost 541.943
6% OPEX 32.517
Total Cost 574.460
5% Profit Margin 28.723
Selling Price 603.183

Pastikan layoutnya landscape dan menggunakan kertas ukuran A4 lalu tekan tombol print.

Make sure the layout is set to landscape and use A4 paper, then click the Print button.

レイアウトが**横向き（ランドスケープ）**で、A4用紙を使用していることを確認し、印刷ボタンをクリックしてください。

A faint, light gray pencil sketch of a landscape scene occupies the background. It depicts a dense forest of tall trees with thin trunks and delicate branches. A winding path or riverbed cuts through the center of the scene, its course marked by darker, more defined lines. The overall atmosphere is one of a traditional ink wash painting.

Finish