

Cara Menghitung Actual Component dan Actual Product Cost Computed dalam Production Process SAP Business One all versions



Deskripsi Singkat

In Production order → summary tab, ada *field* “Actual Component Cost” and “Actual Production Cost”.
Bagaimana cara sistem menghitungnya ?

Actual Component Cost

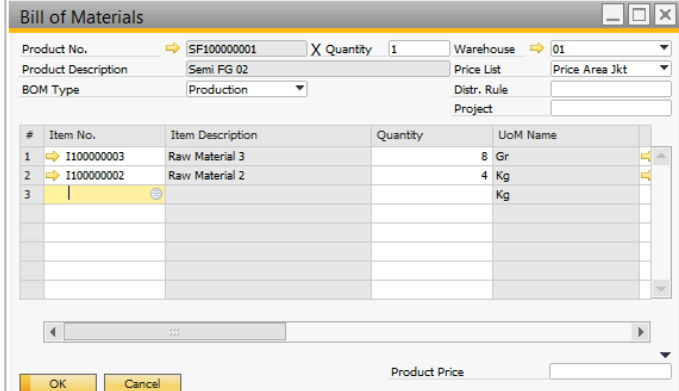
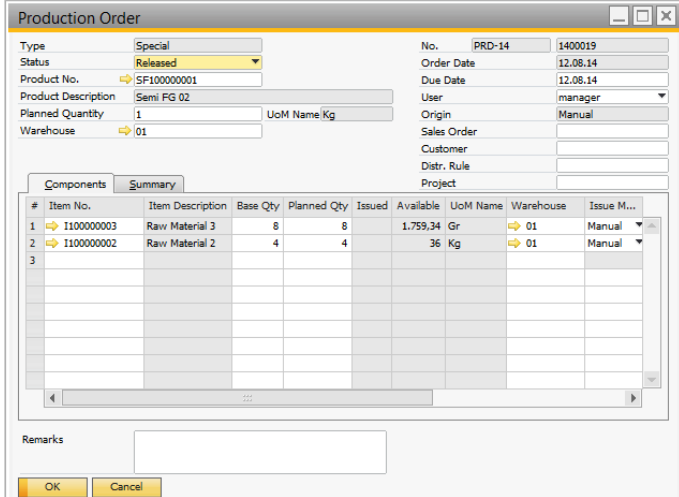
Cost yang dihasilkan dari transaksi *issue component* untuk produksi melalui modul 'Issue for Production'

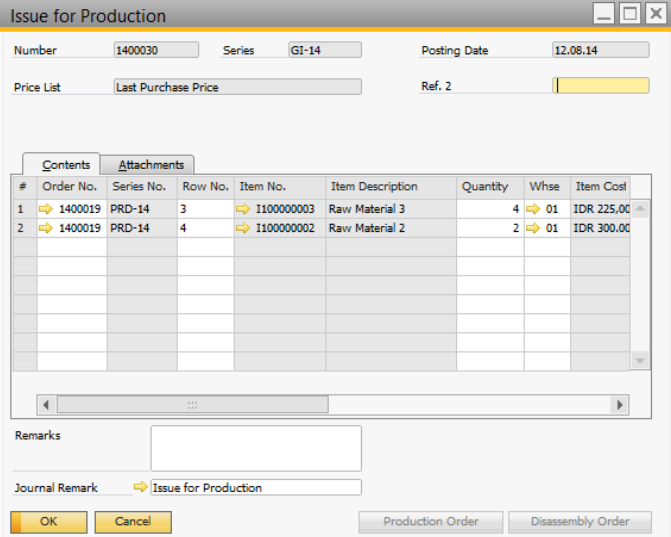
Actual Production Cost

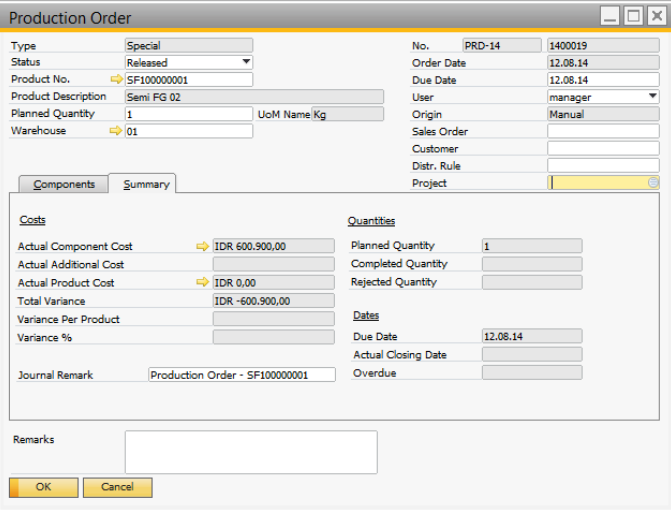
Cost yang dihasilkan dari *planned quantity* dalam *production order* berdasarkan 'Bill of Materials'.

Langkah-langkah yang perlu dilakukan di SAP Business One adalah:

A. PERSIAPAN

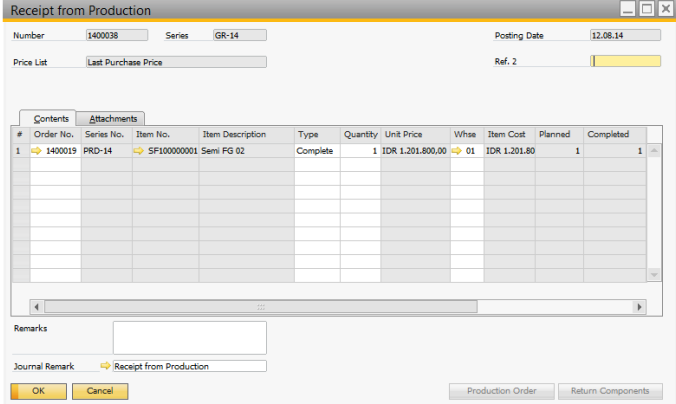
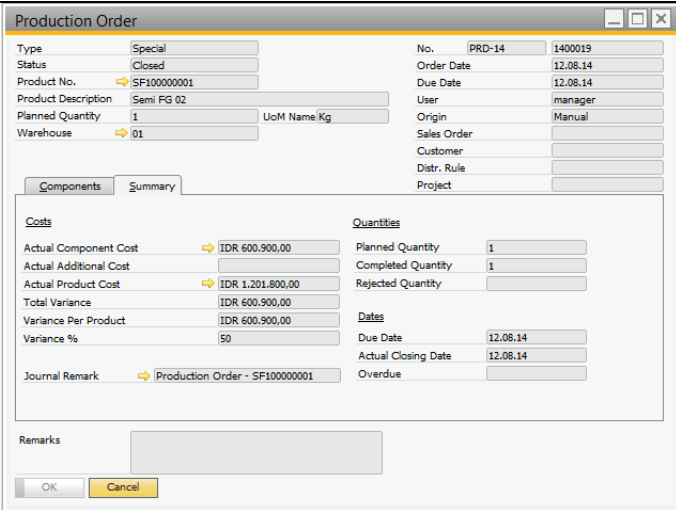
1	Cara menghitung “Actual component cost dan Actual production cost” Selisih antara kedua cost tersebut di dalam produksi disebut “Total Variance”, seperti contoh scenario dibawah ini: Bill of Material untuk production memiliki 2 comonents yang mana kedua item akan diissue secara manual I100000003 - 8 Units I100000002 - 4 Units	
2	Create Production Order	

3	Issue for Production I100000003 - 4 Units I100000002 - 2 Units	
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4	Pada step ini , 'Actual Component Cost' akan ter update di Production Order	
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5	Nilai ini terbentuk atas perhitungan berdasarkan formula : Issued Quantity x Current Cost	<table><tr><th>Component</th><th>Issue Qty</th><th>Current Cost</th><th>Total Cost</th></tr><tr><td>I100000003</td><td>4</td><td>225.000</td><td>900.000</td></tr><tr><td>I100000002</td><td>2</td><td>300.000</td><td>600.000</td></tr><tr><td>Total</td><td></td><td></td><td>1.500.000</td></tr></table>	Component	Issue Qty	Current Cost	Total Cost	I100000003	4	225.000	900.000	I100000002	2	300.000	600.000	Total			1.500.000
Component	Issue Qty	Current Cost	Total Cost															
I100000003	4	225.000	900.000															
I100000002	2	300.000	600.000															
Total			1.500.000															

Posting Date	Document	Doc. Row	Whse	BP Code	Item No.	Inventory U...	Qty	Price after Disc.	Details
12.08.14	SO 1400030	1	01	114100	I100000003	Gr	-4	IDR 225.00	
12.08.14	SO 1400030	2	01	114100	I100000002	Kg	-2	IDR 300.000.00	

6	Receipt Finish goods dengan menggunakan transaksi 'Receipt from Production'																									
7	Di tahap ini 'Actual Product Cost' dan Total Variance akan terbentuk di dalam Production Order.																									
8	Actual Cost IDR 1.201.800 akan dihitung dari 'Actual Component Cost' + selisih antara quantity Planned dan Issue Quantity. Maka: Actual Component Cost + Quantity Difference - IDR 600.900 + IDR 600.900 - IDR 1.201.800 Selisih dari Qty IDR 600.900, perhitungannya sebagai berikut Nilai Variance yang terbentuk dalam Total Variance pada saat proses produksi adalah IDR 1.500.000	<table><tr><th>Component</th><th>Planned</th><th>Issued</th><th>Difference</th><th>Current Cost</th><th>Total Cost</th></tr><tr><td>I100000003</td><td>8</td><td>4</td><td>4</td><td>225.000</td><td>900.000</td></tr><tr><td>I100000002</td><td>4</td><td>2</td><td>2</td><td>300.000</td><td>600.000</td></tr><tr><td>Total</td><td></td><td></td><td></td><td></td><td>1.500.000</td></tr></table>	Component	Planned	Issued	Difference	Current Cost	Total Cost	I100000003	8	4	4	225.000	900.000	I100000002	4	2	2	300.000	600.000	Total					1.500.000
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Total					1.500.000																					

9

Ketika Order Produksi di *close*, sistem secara otomatis membuat jurnal untuk 'Jumlah Variance' sebagai berikut

Production Order

Type	Special	No.	PRD-14	1400019
Status	Closed	Order Date	12.08.14	
Product No.	SF100000001	Due Date	12.08.14	
Product Description	Semi FG 02	User	manager	
Planned Quantity	1	Origin	Manual	
Warehouse	01	Sales Order		
		Customer		
		Distr. Rule		
		Project		

Components Summary

Costs	Quantities
Actual Component Cost	Planned Quantity
Actual Product Cost	Rejected Quantity
Total Variance	
Variance Per Product	Dates
Variance %	Due Date
	Actual Closing Date
Journal Remark	Overdue

Remarks

OK Cancel

Note:

The 'WIP - Variance' Account is taken from the 'WIP Inventory Variance Account' field in the Item Group, Warehouse or Item Level depending on the setting on the 'Set G/L Accounts By' field of the Parent item.

Selamat Mencoba

