

ARC 6621: Work Order Issuing Material Report Modification

Overview:

- Modifying core report ID 1811 (Bar Code Work Order (Extended))
 - From quote:

The issue we are having is that the issuing of the material on the printed-out work order does not match the EST ISSUING UM on the inventory master in OPTIONS. The Work Order is showing the INVENTORY MASTER UM. Although this is how the material is stored, we need to issue the material based on the EST ISSUING UM in OPTIONS.

- Modifies fields
 - Unit, Unit/Part and Total for material sequences

Report Logic:

- UM
 - For each work order line, report looks at the corresponding part and looks if it has anything set under “Est Issue UM”. This is under the inventory master Inventory > File > Inventory Parts > Open > Options

The screenshot shows the 'Inventory System - Update Parts' form. At the top, it displays 'Date Part Updated 04/21/22', 'Updated By SGONZALE', 'Date Part Created 01/04/22', and 'Created By RGREEN'. Below this is a header section with fields for 'Part Number' (S01816-5), 'Rev' (R), 'Loc' (05), 'Part Description' (F-131 RESIN), 'UM' (EA), and 'Source' (Purch to Stock). The main form area contains several sections: 'Inactive' (checkbox), 'Do Not Calc ABC' (checkbox), 'If Lead = 0, Use 0 When Scheduling' (checkbox), 'Bin' (RESIN1), 'List Price', 'Cost' (1,079.665709), 'Alt Cost', 'ABC' (B), 'Purch UM' (LB), 'Lead Time (Days)' (0), 'Safety Stock', 'Order Quantity', 'Sort Code', 'VENDOR SORT' (DAIKIN AMERICA), 'User 1 Defined', 'User 2 Defined', and 'Max'. Below these are 'Alternate Prices' (14 fields) and 'Inventory Status' (On Hand: 74.9910, In Transit: 0.0000, On Order PO: 299.9630, On Order WO: 0.0000, Requirements: 74.1538, Net: 300.8002, Reorder Point: 0.0000). At the bottom, there are buttons for '<', '>', 'Save', 'XRef', 'Options' (highlighted with a red box), 'Multiple List', 'Usage', 'Amount Hist', 'Loc Status', 'Lot/Bin', 'Lifo/Fifo', 'Cost Elements', 'K Part Price', 'Lang Desc', and 'Project Req'.

Part Options

Std Hours	Weight	TCF	BOM	Disc	Drop	Excp	Exception Date	Purchasing Conversion Factor	Consumption Conversion Factor	Aging Group	Project Group
					N			0.01814	24000.00000	0	

☐ Part has Shelf Life

Lot/Bin	Stocking Bin	Serialize	Warranty for Serialized Part (Y/N)	Term	Warranty Information	
Y		N	N			

Length (Ft)	Width (Ft)	Thickness	Density	Shape	Weight Per Foot	Weight Per Length	Cost Date	Standard Cost Qty
							03/28/22	

Back Order	Cutting Charge	Shape and Property Code	Primary Dimension	Secondary Dimension	Est Issue UM	Sales Order/Work Order Labels Rpt Id
	N				G	

Alternate Description 1	Alternate Description 2	Addl Consumption %	VAT Prod Type

Part Price Code	Tax Category

<input checked="" type="checkbox"/> Requires Insp	<input type="checkbox"/> Obsolete	<input type="checkbox"/> Hazardous Material
<input type="checkbox"/> Requires Testing	<input type="checkbox"/> Drop Ship	<input type="checkbox"/> Temporarily Purchase
<input type="checkbox"/> Requires Lot to Lot Tracking	<input type="checkbox"/> Roll	<input type="checkbox"/> Exclude in Multi-Part WO's
<input type="checkbox"/> Auto Number Lots When Receiving	<input type="checkbox"/> Do Not Backflush	<input type="checkbox"/> BOM Type is Reference
<input type="checkbox"/> Trigger Part		<input type="checkbox"/> Price Category
		<input type="checkbox"/> Do Not Discount
		<input type="checkbox"/> Include in Sliding Discounts
		<input type="checkbox"/> Sales Tax Exempt

<input type="radio"/> Single Part per Carton(s)	<input type="radio"/> Multiple Parts per Carton	<input checked="" type="radio"/> Ships Unpackaged	<input type="checkbox"/> Ships on Pallet
Number of Cartons	Packaged Weight	Pieces per Carton	Default Carton
Commodity Description	NMFC	Sub	Class
Harmonized Code	Country of Origin	Sequence	Bag Qty

☐ Packaged Components



Ok Cartons Exit

- If Est Issue UM field exists, then the report pulls that under the “Unit” Column. Otherwise, it will default to using the original UM on the part’s inventory master



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Work Order Router

Work Order	Description	Due	Quantity	UOM	Ship	Quantity	Sales Order				
59522	FLAT PTFE ENDOSCOPIC WORKING C	01/28/22	213.00	EA							
Part Number/Rev/Loc	Customer Name	Order	Cust Quantity								
FLAT-0285-02-185 -	ENDOSCOPY DEVELOPMENT COMPANY	12/28/21	246.00								
Cust Number	Prod Line	14062 RIVERPORT DRIVE	Complete								
EDC001	F2	MARYLAND HTS MO 63043									
Cust PO Number	US	User Priority									
13170-EDC		000									
Cust Part Number	Additional Description	Standard Router									
Cust Drawing Number		FLAT-0285-02-185 -	Price/Pc	Order Value							
Seq	LMO	WC-Part-Code	Description	Start	Due	Unit	Setup	LABOR Runtime	Total	--- MATERIAL --- Unit/Part	Total
000100	M	S06429	A	12/28/21	01/18/21	EA	1.0000			0.00	1.00
128 OZ SQUARE POLY JAR											
000200	M	S01816-5	R	01/18/21	01/18/21	G				33.60	9,134.40
F-131 RESIN											
000300	M	S00456	M	01/18/21	01/18/21	GA				6.03	1,644.22
ISOPAR H 55 GAL DRUM											
											
000400	L	COM1		01/18/21	01/19/21	HR	2.0000			2.0000	
COMPOUNDING 2445											
%: 90.00 Pcs: 246											
LUBE LEVEL: 19%											
											
000500	L	INC1		01/19/21	01/20/21	HR	10.0000			10.0000	
INCUBATION 400-257											
%: 100.00 Pcs: 246											
000600	M	ZZ B08948	-	01/20/21	01/19/21	EA	1.0000			0.00	1.00
PREFORM BARREL 1.5X20.25											
000700	M	ZZ B0XXX3	-	01/19/21	01/19/21	EA	1.0000			0.00	1.00
PREFORM CENTER SHAFT .375											
000800	M	ZZ B08722	-	01/19/21	01/19/21	EA	1.0000			0.00	1.00
PREFORM BASE 1.5X .375											

- Unit/Part
 - Report checks the same inventory master options screen to see if a consumption conversion factor exists. If so, use that in the following formula, otherwise default to using 1.
 - Field is filled out according to the formula:
Qty * Cons Conv Factor

Sequence 000200 Material

Raw Matl/Part Number S01816-5 Rev R Op Code Setup Quantity Type Parts Per Hour Quantity 33.600000 UM G

Rate .000149 Minimum Lead (Hours) 24 Overlap Frequency Group Description F-131 RESIN

Project Group MATL Sort Code Tooling Mat'l Qty Disc Omit During Work Order Creation Select Calculator Bar Stock



Save Delete Scheduling Vendor Quote Formulas Mat'l Qty Disc Learning Curve Clear

Seq	Type	Omit	Part / Workcenter	Op Code	Setup	Runtime	Unit	Rate	Description
000100	M		S08429 A		1.0000	0.000000	EA	0.000000	128 OZ SQUARE POLY JAR
000200	M		S01816-5 R		0.0000	0.001389	EA	3.580000	F-131 RESIN
000300	M		S00438 M		0.0000	0.002091	GA	0.750000	ISOPAR H 35 GAL DRUM
000400	L		COM1		2.0000	0.000000	HR	33.500000	COMPOUNDING 2445
000500	L		INC1		10.0000	0.000000	HR	65.000000	INCUBATION 400-257
000600	M		ZZ B08948 -		1.0000	0.000000	EA	0.000000	PREFORM BARREL 1.5X20.25
000700	M		ZZ B0XXX3 -		1.0000	0.000000	EA	0.000000	PREFORM CENTER SHAFT .375
000800	M		ZZ B08722 -		1.0000	0.000000	EA	0.000000	PREFORM BASE 1.5X.375
000900	M		ZZ B08719 -		1.0000	0.000000	EA	0.000000	PREFORM COMP PLUG 1.5X.375
001000	M		ZZ B0XXX5 -		1.0000	0.000000	EA	0.000000	SLEEVE, COMP SHAFT 1.5X.375
001100	M		ZZ B08717 -		1.0000	0.000000	EA	0.000000	PREFORM COMP SHAFT 1.0X.1

Type Description (See Type Above)



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FLAT-0285-02-185 -	ENDOSCOPY DEVELOPMENT COMPANY	12/28/21	246.00							
Cust Number	Prod Line	14062 RIVERPORT DRIVE	Complete							
EDC001	F2	MARYLAND HTS MO 63043								
Cust P O Number	US	User Priority								
13170-EDC		000								
Cust Part Number	Additional Description	Standard Router								
Cust Drawing Number		FLAT-0285-02-185 -	Price/Pc	Order Value						
Seq	LMO	WC-Part-Code	Description	Start	Due	Unit	-----LABOR----- Setup Runtime	Total	---MATERIAL--- Unit/Part	Total
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000800	M	ZZ B08722	-	01/19/21	01/19/21	EA	1.0000		0.00	1.00
PREFORM BASE 1.5X .375										



- Total:
 - Similar to above, except is populated according to formula
Total Qty * Cons Conv Factor



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