

Line Loop – Samples – Minimums check unit-price

Description

This sample will during add/update of a Sales order check the lines to ensure none of the lines have a unit-price below 5 DKK.

B1 Validation Configuration

B1 Validation Configuration

Name: Sort: Number:

Users (Empty = All): Include users Exclude users

Trigger

FormType:
Item:
Column:
Row:
Menu Uid:
FormMode:
Event:
BeforeAction:
ActionSuccess:
ItemChanged:
InnerEvent:
CharPressed: Modifier:

Condition

No condition, just execute function
 Simple condition
When item | (column) | Comparison type
Value | Type | Execute function
 SQL Condition

```
IF([ORDR.DocCur]) = 'DKK'  
BEGIN  
SELECT 'CHECK' FOR BROWSE  
END
```

Comments

Active

Condition result	Function to execute
CHECK	UF-196

Buttons:

Validation simply react on adding/updating the document, but the check is only performed if the documents currency is DKK (This way you can have different minimums for different currencies).

Universal Function

Universal Function Configuration

Code: UF-196 Remarks:
 Name: Minimum check
 Type: Line Loop

Line item UID: 38 Ignore last line Ignore text-lines/sub-totals (Docs only) Direction: First to last

No condition First pass UF: Line UF: Final result value / type: \$[38.14.NUMBER] Min

SQL Condition

Result	First pass UF	Line UF	Final result value	Final result type	Break loop
				Overwrite	<input type="checkbox"/>

Final result

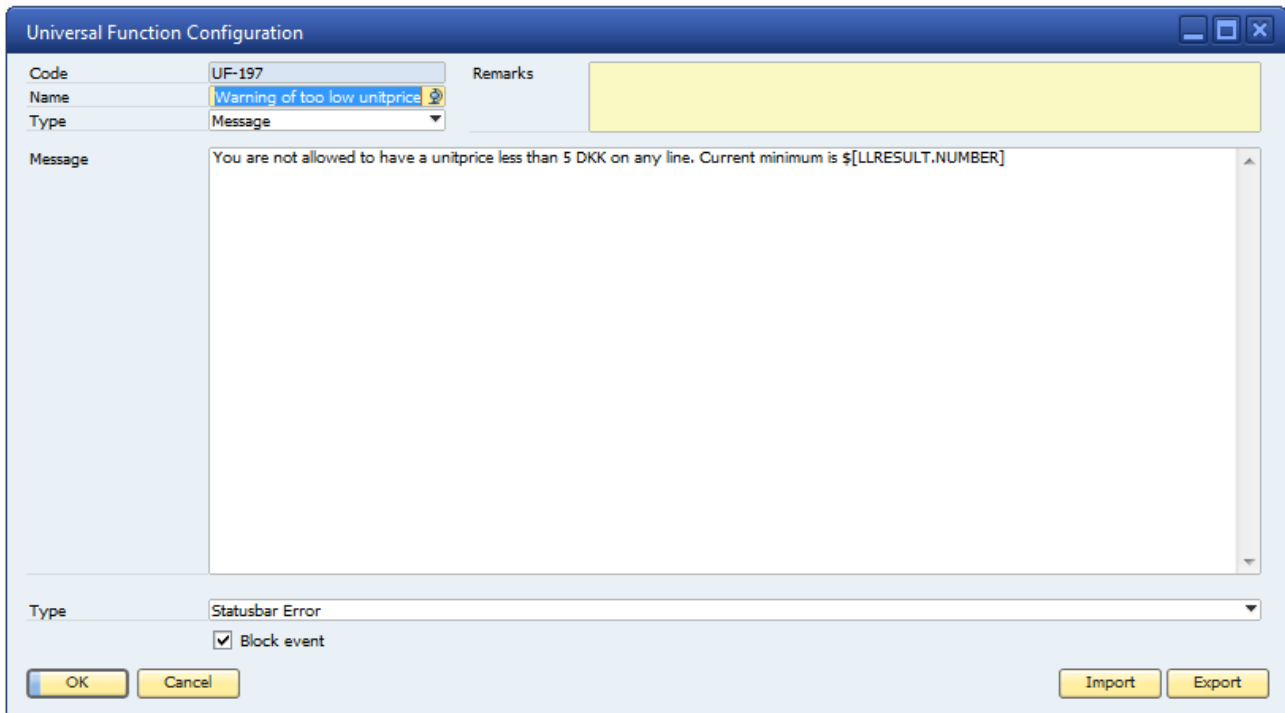
Condition	Value type	Compare type	Compare value	Universal Function
Execute if condition is met	Result as number	Less than	5	UF-197

Buttons: OK, Cancel, Import, Export, Add, Remove

Here we set up the validation. The Line item Uid is set to **38** because this is the Matrix Item uid of the Sales order.

Since we are looking at all lines we choose No condition. In the value we write `[$38.14.NUMBER]` to get current lines prices. We then use the type Min in order for the final result equal the line we find that have the lowest unit-price.

In the final result we only wish to stop the user from add/update if the final-result value is less than 5 (NB: Please note that the value type need to be result as number in order to work). In such a case we launch a simple Universal Function Message (UF-104)



NB: you can see the Message using the result of the Line Loop with the special keyword
\${LLRESULT.NUMBER}

Result

Here we have a sales order with 4 lines. Each line have a unitprice (20 for 1st, 10 for 2nd, 125 for 3rd and 4 for 4th).

Sales Order
⏏

Customer ➔ CX2000	No. Primary	71
Name DK customer	Status	Open
Contact Person	Posting Date	01/05/11
Customer Ref. No.	Delivery Date	01/05/11
BP Currency ▼ DKK 0.1793	Document Date	01/05/11

Contents
Logistics
Accounting

#	Item No.	Item Description	Quantity	Unit Price	Disc...	Tax ...	T
1	➔ A00001	IBM Infoprint 1318XXCZ	2	DKK 100.00	0.000		
2	➔ A00002	IBM Infoprint 1222	1	DKK 500.00	0.000		
3	➔ A00003	IBM Infoprint 1226	1	DKK 4.00	0.000		
4					0.000		

Sales Employee ▼ -No Sales Employee-

Owner ➔ Manager, Sales

Remarks

Total Before Discount DKK 704.00

Discount %

Freight ➔ DKK 27.89

Rounding

Tax

Total DKK 731.89

Update
Cancel
Copy From
Copy To

Since you logic states that no unitprice can be below 5 we are blocked if we try to Update the document.

Sales Order

Customer: CX2000
Name: DK customer
Contact Person: [dropdown]
Customer Ref. No.: [text]
BP Currency: DKK 0.1793

No.: Primary 71
Status: Open
Posting Date: 01/05/11
Delivery Date: 01/05/11
Document Date: 01/05/11

Contents | Logistics | Accounting

Item/Service Type	Item	Summary Type	No Summary				
#	Item No.	Item Description	Quantity	Unit Price	Disc...	Tax ...	T
1	A00001	IBM Inforprint 1318XXXZ	2	DKK 100.00	0.000		
2	A00002	IBM Infoprint 1222	1	DKK 500.00	0.000		
3	A00003	IBM Infoprint 1226	1	DKK 4.00	0.000		
4					0.000		

Sales Employee: -No Sales Employee-
Owner: Manager, Sales

Total Before Discount: DKK 704.00
Discount: [text] %
Freight: DKK 27.89
Rounding: [checkbox]
Tax: [text]
Total: DKK 731.89

Remarks: [text area]

Update | Cancel | Copy From | Copy To

You are not allowed to have a unitprice less than 5 DKK on any line. Current minimum is 4

If we were to increase the unitprice higher than 5 then we are allowed to update.