ITMProcess2

Enable and disable a dyelot

Overview.

Concerned: Supervisor

Check if the dyelot fill up all pre-requirements. In the negative case, print only the header of the dyelot and error messages.

We will add an operation ‘Ini Data’ at the top of the combined process that validate or not all requirements. Its result will be saved in parameters ‘enable’ and ‘disable’. We will modify the formulas of the other operation so that they are only done if the dyelot is enabled.

Write the rule.

We create the parameters ‘disable’ and ‘enable’ with the following settings:

Parameter ‘disable’

Value type: value
Calculate without print: No
Minimum: 0
Maximum: 1

Parameter ‘enable’

Value type: value
Calculate without print: Yes
Minimum: 0
Maximum: 1

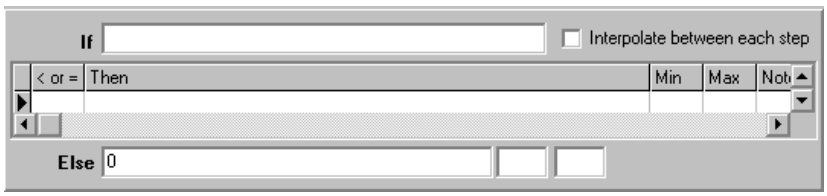
Only one parameter is normally required but it is practical to have the choice between both.

Operation ‘ini data’.

We create the operation ‘Ini data’ with 3 or more lines.

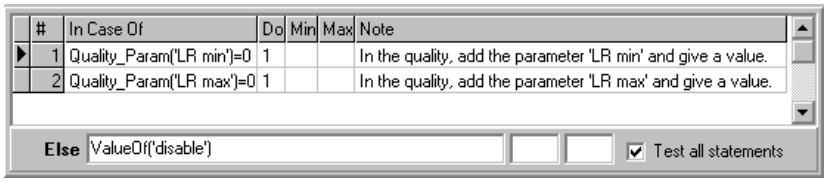
First line

We initialize the parameter ‘disable’ to 0 (dyelot not disabled).



Middle lines

We check the requirements. When a requirement is not filled up, ‘disable’ is set to 1 and the note explains why the dyelot has been disabled. When all requirements are filled up, ‘disable’ keeps its value.
Many check requirements lines can be added.

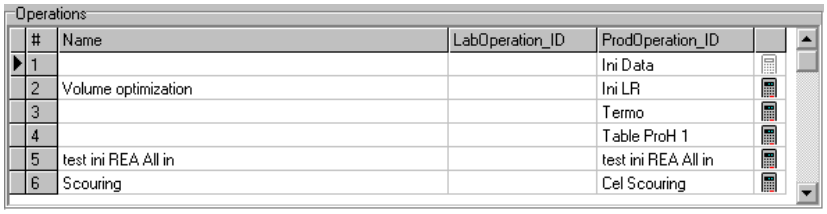


Last line

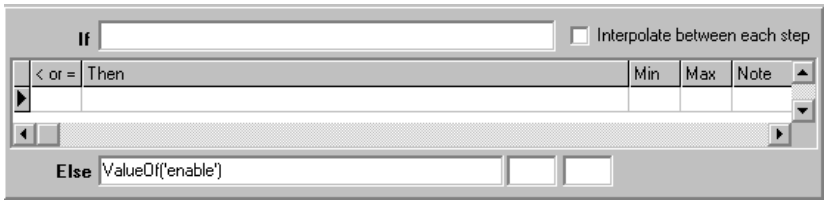
The last line set ‘enable’ to the opposite of ‘disable’.

Modification of the combined process.

- We add the operation ‘Ini Data’ at the top of the combined process and modify the operations formulas.

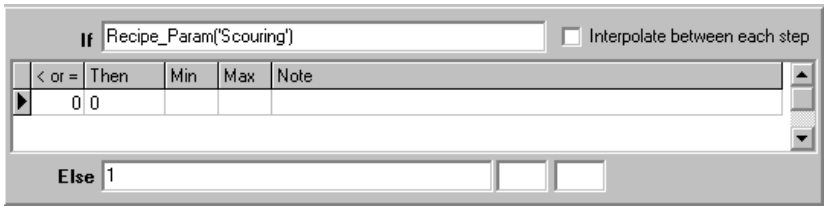


- When there is no formula, we write the following formula:

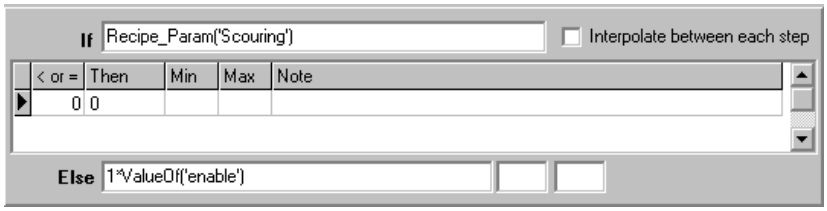


- When there is a formula, we modify it, using ‘enable’ or ‘disable’:

Before:

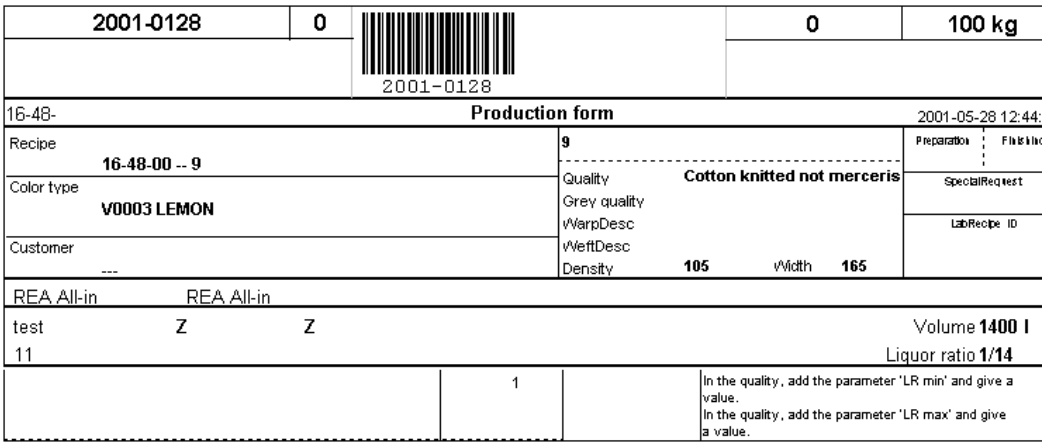


after:



Application.

- We generate and print a dyelot:



2001-0128	0	2001-0128	0	100 kg

16-48- **Production form** 2001-05-28 12:44:

Recipe **16-48-00 -- 9**	9		Preparation / Finishing
Color type **V0003 LEMON**	Quality	**Cotton knitted not merceris**	SpecialRequest
	Grey quality		
Customer ---	WarpDesc		LabRecipe ID
	WeftDesc		
	Density **105**	Width **165**	

REA All-in REA All-in

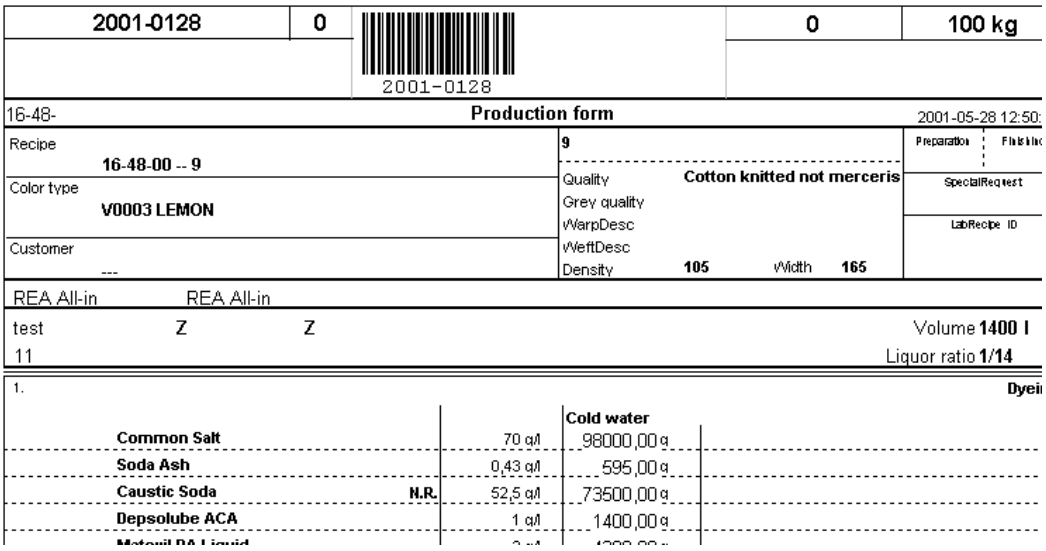
test Z Z Volume **1400 l**

11 Liquor ratio **1/14**

	1	
		In the quality, add the parameter 'LR min' and give a value. In the quality, add the parameter 'LR max' and give a value.

Messages inform us that we must fill 2 parameters in the quality record. The other operations are not printed.

- We add the required values for the quality, generate and print again:



2001-0128	0	2001-0128	0	100 kg

16-48- **Production form** 2001-05-28 12:50:

Recipe **16-48-00 -- 9**	9		Preparation / Finishing
Color type **V0003 LEMON**	Quality	**Cotton knitted not merceris**	SpecialRequest
	Grey quality		
Customer ---	WarpDesc		LabRecipe ID
	WeftDesc		
	Density **105**	Width **165**	

REA All-in REA All-in

test Z Z Volume **1400 l**

11 Liquor ratio **1/14**

1. **Dyei**

			Cold water
Common Salt		70 g/l	98000,00 g
Soda Ash		0,43 g/l	595,00 g
Caustic Soda	**N.R.**	52,5 g/l	73500,00 g
Depsolube ACA		1 g/l	1400,00 g
Meteril RA Liquid		2 g/l	2800,00 g