

Line Seiki Co. Ltd. - RHQ

ERP General Activity Request Result and Technical Notes Documentation

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Title: LSP Direct Material Reports Form

ERP Document
Number:

16-DOC-008

Rev. No.:

Description: Customized form in Syteline ERP that can export one or more direct material reports. Direct material report options are: (1) Finished Goods and Sales Report; (2) Miscellaneous Transaction Report; (3) DM and Labor Percentage Report; (4) Inventory Turnover Report; and (5) WIP Shop Floor Report.

FORM

Name: LSPDIrectMaterialreports

Caption: sLSPDirectMaterialReports (LSP Direct Material Reports)

Collection: SLPeriods

Options: Standard Operations

Navigate: **FALSE** Delete: **FALSE** Refresh: TRUE **FALSE** Notes: Filter: **FALSE FALSE Graph: Spreadsheet Disable: TRUE** New/Copy FALSE

Save: FALSE

Components:

Name	Туре	Other Properties	
DateFiltersGroup	GroupBox	Component Class: StdGroupBox	
FGSalesReportCheck	CheckBox	Caption: sFGSalesReport (Finished Goods and Sales Report)	
		Font Size: 9	
		Bold: True	
		Binding: Type: Variable	
		Variable: FGSalesReport	
		Initial Value: 0	
		Clear On Refresh = Checked	
		Refresh Value: 0	
MiscTransReportCheck	CheckBox	Caption: sMiscTransReport (Miscellaneous Transaction Report)	
		Font Size: 9	
		Bold: True	
		Binding: Type: Variable	
		Variable: MiscTransReport	
		Initial Value: 0	
		Clear On Refresh = Checked	
		Refresh Value: 0	
DMLaborReportCheck	CheckBox	Caption: sDMLaborPercentReport (DM and Labor Percentage	
		Report)	
		Font Size: 9	
		Bold: True	
		Binding: Type: Variable	
		Variable: DMLaborReport	
		Initial Value: 0	
		Clear On Refresh = Checked	
		Refresh Value: 0	
StartDateStatic	Static	Caption: sStartDate (Start Date)	
		Font Size: 9	
EndDateStatic	Static	Caption: sEndDate (End Date)	
		Font Size: 9	



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Name	Туре	Other Properties	
StartDateCombo	DateCombo	Caption: sStartDate (Start Date)	
		Required When: V(FGSalesReport)=1 OR V(DMLaborReport)=1	
		OR V(MiscTransReport) = 1	
		Component Class: DateVar	
		Binding: Type: Variable	
		Variable: StartDate	
		Initial Value: <blank></blank>	
		Clear On Refresh = Checked	
		Refresh Value: <blank></blank>	
EndDateCombo	DateCombo	Caption: sEndDate (End Date)	
		Required When: V(FGSalesReport)=1 OR V(DMLaborReport)=1	
		OR V(MiscTransReport) = 1	
		Component Class: DateVar	
		Binding: Type: Variable	
		Variable: EndDate	
		Initial Value: Initial Value: Initial Value: Ini	
		Clear On Refresh = Checked	
		Refresh Value: Refresh Value: 	
DMFilterGroup	GroupBox	Component Class: StdGroupBox	
Divinite Group	Groupbox	Enabled When: V(DMLaborReport) = 1	
ProductCodeStatic	Static	Caption: sProductCode (Poduct Code)	
TroducteodeStatic	Static	Font Size: 9	
ModelStatic	Static	Caption: sModel (Model)	
WiodelStatic	Static	Font Size: 9	
StartProdCodeCombo	ComboBox	Enabled When: V(FGSalesReport) = 1 OR V(DMLaborReport) = 1	
Starti roacoaccombo	COMBOBOX	OR V(MiscTransReport) = 1	
		List Source: Type: IDO Collection	
		IDO: SLProdCodes	
		Properties: ProductCode, Description	
		Filter: ProductCode, Description Filter: ProductCode LIKE 'FG-%'	
		Binding: Type: Variable	
		Variable: StartProdCode	
		Initial Value: <blank> Clear On Refresh = Checked</blank>	
		Refresh Value: <blank></blank>	
EndProdCodeCombo	ComboBox	Enabled When: V(FGSalesReport) = 1 OR V(DMLaborReport) = 1	
Litarioacoaecombo	COMBOBOX	OR V(MiscTransReport) = 1	
		List Source: Type: IDO Collection	
		IDO: SLProdCodes	
		Properties: ProductCode, Description	
		·	
		Filter: ProductCode LIKE 'FG-%'	
		Columns to Display: 1, 2	
		Binding: Type: Variable	
		Variable: EndProdCode	
		Initial Value: Clear On Refresh - Charles	
		Clear On Refresh = Checked	
		Refresh Value: <blank></blank>	



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Name	Туре	Other Properties	
StartModelCombo	ComboBox	Enabled When: V(FGSalesReport) = 1 OR V(DMLaborReport) = 2	
		OR V(MiscTransReport) = 1	
		List Source:	
		Type: IDO Method	
		IDO: LSP_ShipScheds	
		Properties: DerModel, DerModelDesc	
		Method Name: LSP_GetFGItemListPerProdCodeWihtNullSp	
		Method Parms: V(StartProdCode), V(EndProdCode)	
		Columns to Display: 1, 2	
		Binding: Type: Variable	
		Variable: StartModel	
		Initial Value: <blank></blank>	
		Clear On Refresh = Checked	
		Refresh Value: <blank></blank>	
EndModelCombo	ComboBox	Enabled When: V(FGSalesReport) = 1 OR V(DMLaborReport) =	
		OR V(MiscTransReport) = 1	
		List Source:	
		Type: IDO Method	
		IDO: LSP_ShipScheds	
		Properties: DerModel, DerModelDesc	
		Method Name: LSP_GetFGItemListPerProdCodeWihtNullSp	
		Method Parms: V(StartProdCode), V(EndProdCode)	
		Columns to Display: 1, 2	
		Binding: Type: Variable	
		Variable: EndModel	
		Initial Value: <blank></blank>	
		Clear On Refresh = Checked	
		Refresh Value: <blank></blank>	
InvTurnoverGroup	GroupBox	Component Class: StdGroupBox	
InvTurnOverReport	CheckBox	Caption: sInvTurnOverReport (Inventory Turnover Report)	
Check	C.I.COII.DOX	Font Size: 9	
Circon		Bold: True	
		Binding: Type: Variable	
		Variable: InvTurnoverReport	
		Initial Value: 0	
		Clear On Refresh = Checked	
		Refresh Value: 0	
ShowDetailsStatic	Static	Caption: sShowDetails (Show detailed transactions?)	
5.10 W B ctansocatio	Statio	Font Size: 9	
YesRadio	Radio Button	Caption: sYes (Yes)	
resituato	naaro Battori	Font Size: 9	
		Enabled When: V(InvTurnoverReport) = 1	
		Binding: Type: Variable	
		Variable: DetailedOption	
		Initial Value: 0	
		Clear On Refresh = Checked	
		Refresh Value: 0	
		Group: True	
		Radio Button Selected Value: 1	



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Name	Туре	Other Properties	
NoRadio	Radio Button	Caption: sNo (No)	
		Font Size: 9	
		Enabled When: V(InvTurnoverReport) = 1	
		Binding: Type: Variable	
		Variable: DetailedOption	
		Initial Value: 0	
		Clear On Refresh = Checked	
		Refresh Value: 0	
		Boolean True: 0	
		Boolean False: 1	
		Group: False	
		Radio Button Selected Value: 0	
WIPReportCheck	CheckBox	Caption: sWIPShopReport (WIP Shop Floor Report)	
		Font Size: 9	
		Bold: True	
		Binding: Type: Variable	
		Variable: WIPShopFloorReport	
		Initial Value: 0	
		Clear On Refresh = Checked	
		Refresh Value: 0	
PrintButton	PushButton	Caption: sPrint (&Print)	
		Events: Primary: Print	

Form Script Methods:

- **1. CheckEntriesPrint** validate value of all required fields (if there are). If the result of validation is true, perform the event "GenerateReport", otherwise prompt the missing required field/s.
- **2. Select Report** perform event/s based on selected reports/checkboxes. If no checkbox was selected, perform another event "NoReportSubmitted", otherwise perform "ReportSubmitted".

Event Handlers:

Event Name	Туре	Parms	
GenerateDMLabor	Run Background Task	Task Name: V(BGTaskNameDMLabor)	
		Task Parms: V(BGTaskParmDMLabor)	
		Task Status: V(BGTaskStatus)	
		Task Number: BGTaskNumber	
		Error Message: mBackEndMessage	
GenerateFGSales	Run Background Task	Task Name: V(BGTaskNameFGSales)	
		Task Parms: V(BGTaskParmFGSales)	
		Task Status: V(BGTaskStatus)	
		Task Number: BGTaskNumber	
		Error Message: mBackEndMessage	
GenerateInvTurnover	Run Background Task	Task Name: V(BGTaskNameInvTurnover)	
		Task Parms: V(BGTaskParmInvTurnover)	
		Task Status: V(BGTaskStatus)	
		Task Number: BGTaskNumber	
		Error Message: mBackEndMessage	



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Event Name	Туре	Parms	
GenerateMiscTrans	Run Background Task	Task Name: V(BGTaskNameMiscTran)	
		Task Parms: V(BGTaskParmMiscTran)	
		Task Status: V(BGTaskStatus)	
		Task Number: BGTaskNumber	
		Error Message: mBackEndMessage	
GenerateReport	Form Script Method	Parms: SelectReport()	
${\sf GenerateWIPShopFloor}$	Run Background Task	Task Name: V(BGTaskNameWIPShopFloor)	
		Task Parms: V(BGTaskParmWIPShopFloor) Task Status: V(BGTaskStatus) Task Number: BGTaskNumber Error Message: mBackEndMessage	
NoReportSubmitted	Run Script	Parms: NoReportSubmitted()	
Print	Run Script	Parms: CheckEntriesPrint()	
ReportSubmitted	Run Script	Parms: ReportSubmitted()	

Variables:

Name	Value	
BGTaskNameDMLabor	LSP_DM_DirectMaterialLaborPercentageReport	
BGTaskNameFGSales LSP_DM_FGSalesReport		
BGTaskNameInvTurnover	LSP_DM_InventoryTurnoverReport	
BGTaskNameMiscTran	LSP_DM_MiscellaneousTransactionReport	
BGTaskNameWIPShopFloor	LSP_DM_WIPShopFloorReport	
BGTaskParmDMLabor	,V(StartDate),V(EndDate),V(StartProdCode),V(EndProdCode),	
	V(StartModel),V(EndModel)	
BGTaskParmFGSales	,V(StartDate),V(EndDate)	
BGTaskParmInvTurnover	,V(DetailedOption)	
BGTaskParmMiscTran	/liscTran ,V(StartDate),V(EndDate)	
BGTaskParmWIPShopFloor	,	

BACKGROUND TASK DEFINITIONS

1. LSP_DM_DirectMaterialLaborPercentageReport

Executable Name: LSP_Rpt_DM_DirectMaterialLaborPercentageReport

Executable Type: RPT **Max Concurrent:** 20

Report Options: Output Format: Excel

2. LSP_DM_FGSalesReport

Executable Name: LSP_Rpt_DM_FinishedGoodsSalesReport

Executable Type: RPT **Max Concurrent:** 20

Report Options: Output Format: Excel

3. LSP_DM_InventoryTurnoverReport

Executable Name: LSP_Rpt_DM_InventoryTurnOverReport

Executable Type: RPT **Max Concurrent:** 20

Report Options: Output Format: Excel



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4. LSP_DM_MiscellaneousTransactionReport

Executable Name: LSP_Rpt_DM_MiscellaneousTransactionReport

Executable Type: RPT **Max Concurrent:** 20

Report Options: Output Format: Excel

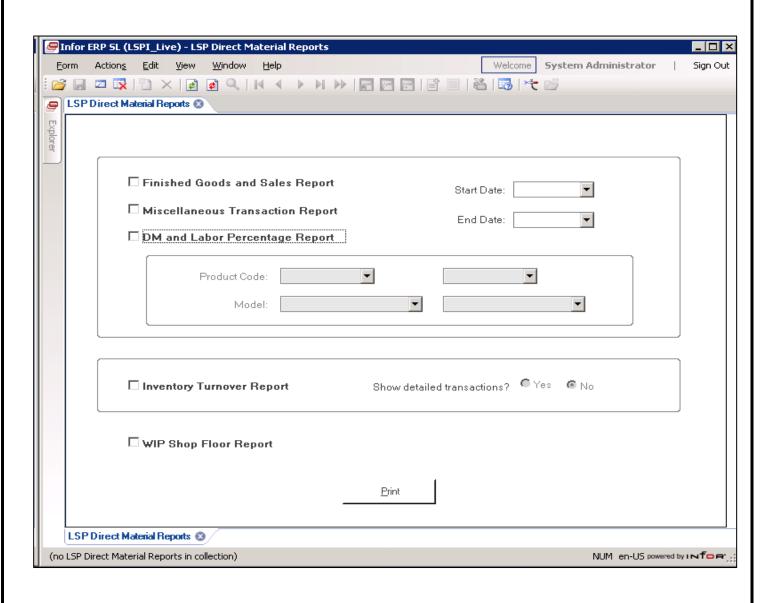
5. LSP_DM_WIPShopFloorReport

Executable Name: LSP_Rpt_DM_WIPShopFloorReport

Executable Type: RPT **Max Concurrent:** 20

Report Options: Output Format: Excel

SCREENSHOTS





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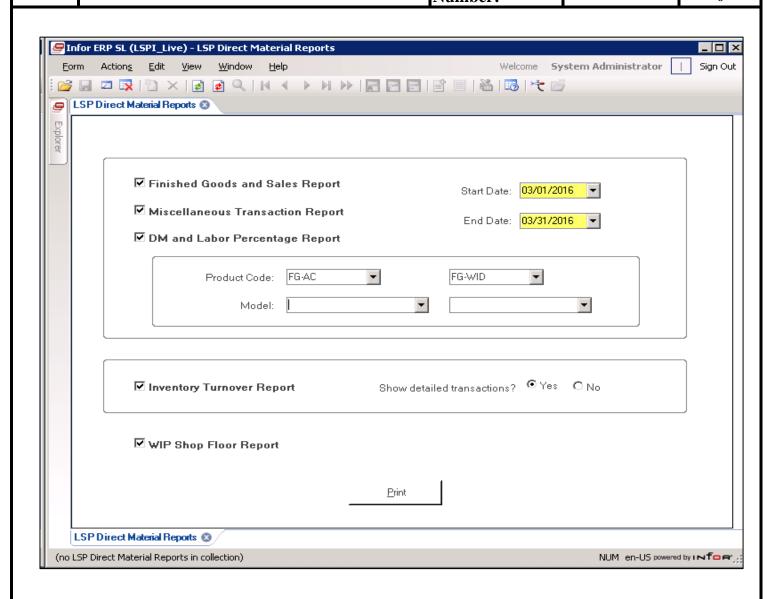
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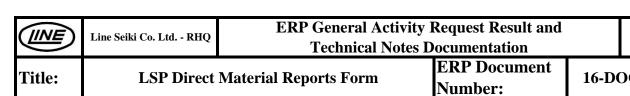
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CONSLUSIONS AND RECOMMENDATIONS

- Use this form to generate an excel file for one or more of the following reports: FG and Sales Report, Miscellaneous Transaction Report, DM and Labor Percentage Report, Inventory Turnover Report and WIP Shop Floor Report.
- Start and End Date value will be required fields if one or more of the following reports are selected: FG and Sales Report, Miscellaneous Transaction Report and DM and Labor Percentage Report.
- If DM and Labor Percentage Report option was selected, user may have the option to add filter for the start and end Product Code and Model.
- Available values for product code are all product code that starts with "FG-". Available values for the start and end model is based from the values selected as the start and end product code. If the product code is blank, it will show all models where the product code of those model starts with "FG-".
- If Inventory Turnover Report option was selected, user will have the option if the output of the report will contains the detailed material transactions. The default value is "No".



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- Start Date and End Date values have no effect in the output WIP Shop Floor Report and Inventory Turnover Repo	rt
because the output and values in these reports will be based on the actual date when the reports was generated	١.

-	- It is recommended to use monthly filter (first and last day of the month as start and end date) for the FG and Sales
	report and Miscellaneous Transaction Report. In DM and Labor Percentage report, user may filter dates for more
	than one month for analysis purposes. It is better to generate first the monthly of FG and Sales and Miscellaneous
	Transaction report in a monthly basis, then generate for DM and Labor Percentage report in different date filter
	(one month or more).

Prepared by:

Dan Olivier V. Arca

Name/Signature/Date

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