

Document Number: CMMS/LAK/BF/0007/V0001

Document Revision:

Document Description: For inventory items on a FIFO basis, when a return-to-stock transaction is performed after some items have already been received, the returned items should not be treated as new receipts. Instead, FIFO should always follow the correct GRN ascending date order, where earlier GRN prices are applied first. Transfer transactions should also be considered in the same way.

Document Created Date: 23.09.2025

Bug Report

Bug Description	
Title	FIFO should always follow the correct GRN ascending date order, where earlier GRN prices are applied first. Transfer transactions should also be considered in the same way.
Summary	
Platform	
Administrative	
Assigned To	
Assigned At	
Priority	

Step By Step Description

Step 1

Example Stock No: 02-040-145-011

In the Inventory > Financial Tab, the Next Issue Price is shown as LKR 363,035.25, but according to FIFO it should be zero.

itm_mtc_grn_no	itm_mtc_rcv_date	itm_mtc_stockno	itm_mtc_stk_locn	itm_mtc_rcv_qty	itm_mtc_rcv_cost	itm_mtc_isu_qty
RCV100022	2011-12-31	02-040-145-011	DR-361-003	2	0	2
RCV103809	2013-11-06	02-040-145-011	DR-361-003	2	363035.25	1
RCV104972	2023-06-20	02-040-145-011	DR-150-009	2	410066.64	2
RET100333	2022-10-25	02-040-145-011	DR-361-003	1	0	0

Prepared & Reviewed By:	Management Representative	Approved By:	Chief Operating Officer
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The current On-Hand (OH) is 2 units:

- 1 Qty at LKR 363,035.25 (GRN date: 06/11/2013)
- 1 Qty at LKR 0.0 (GRN date: 31/12/2011, originally issued via MR on 31/03/2022 and later returned to stock on 25/10/2022).

Since FIFO should follow the correct GRN ascending date order, the 1 Qty with LKR 0.0 (older GRN) should be issued first, as it was already returned to stock.

Step 1

YUGADANAVI 300 MW POWER PLANT

CMMS

Inventory Master

PROMPT STOCK NO

Type: Stock **Product Category:** ELEC

Stock No: 02-040-145-011 **Stock Group:**

Master Location: DR-150-009 **Part No:** 3BSE030220R1

Order Rule: F **Total OH:** 2.0000

Cost Center: DCS **Issue Price:** 181,517.63

Account: DFT **Serialize Counter:** 100001

Description: DFT

Extended Description: Profibus DP-V1 Communication CI854AK01_DCS Communication Module

Detail **UDF** **Financial** **Location** **Supplier** **Reference** **Issue** **Receive** **Return Stock** **Return Supplier** **Adjustment** **Transfer** **Reserve** **Where Used**

Account Type: INVENTORY **Tax Code:**

YTD Usage: 4.0000 **Last Year Usage:** 0.0000

YTD Turns: 0.0000 **Last Year Turns:** 0.0000

YTD Stockouts: 0.0000 **Last Year Stockouts:** 0.0000

Costing Rule	Item Cost (A)	Total On-Hand (B)	Total Repair Location (C)	Value A * (B-C)	Surcharge	Surcharge Value
☐ Average		2.0000	0.0000		0 %	0.00
☐ Standard						
☐ Last						
☒ FIFO				363,035.25		

Item Cost: 181,517.6250

Issue Price: 181,517.63

Next Issue Price: 363,035.25

Step 2 (Receive Tab)

YUGADANAVI 300 MW POWER PLANT

CMMS

Inventory Master

PROMPT STOCK NO

Type: Stock **Product Category:** ELEC

Stock No: 02-040-145-011 **Stock Group:**

Master Location: DR-150-009 **Part No:** 3BSE030220R1

Order Rule: F **Total OH:** 2.0000

Cost Center: DCS **Issue Price:** 181,517.63

Account: DFT **Serialize Counter:** 100001

Description: DFT

Extended Description: Profibus DP-V1 Communication CI854AK01_DCS Communication Module

Detail **UDF** **Financial** **Location** **Supplier** **Reference** **Issue** **Receive** **Return Stock** **Return Supplier** **Adjustment** **Transfer** **Reserve** **Where Used**

Transaction Date	Document No	PO No	PO Line No	Stock Location	Item Cost	Receive Quantity	Supplier	Receive By	Name
31/12/2011	RCV100022			DR-361-003	.0000	2.00	SA		
04/09/2013	RCV103809	CCPP/O/08M/13/71-II	2	DR-361-003	363,035.2500	2.00	ABB	SANJEEWAK	Sanjeeva Karunaratna
20/06/2023	RCV104972	CCPP/O/08M/22/020	4	DR-150-009	410,066.6400	2.00	AYDOS AB	NISHADIA	Nishadi Anuloma

Total: 6.00

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Officer

-10-02

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YUGADANAVI 300 MW POWER PLANT

CMMS

Asset

Check List

Maintenance

Inventory

Purchasing

Preventive Setup

Personnel

Work Scheduling

Invoice

Dashboard

Notification

KPI Report

Master File Setup

System Default Setting

Master - User Group

Master - Auto Number

Master - Craft Code

Master - Accounting Period

DashboardInventory MasterWork - Work Flo...

PROMPT STOCK NO

Define

View

New

Edit

Delete

Duplicate

Save

Cancel

Type: Stock

Product Category: ELEC

Stock No: 02-040-145-011

Stock Group:

Master Location: DR-150-009

Part No: 3BSE030220R1

Order Rule: T

Total OH: 2.0000

Cost Center: DCS

Issue Price: 181,517.63

Account: DFT

Serialize Counter: 100001

DFT

Description: Profibus DP-V1 Communication C1854AK01_DCS Communication Module

Extended Description: Profibus DP-V1 Communication C1854AK01_DCS Communication Module

DetailUDFFinancialLocationSupplierReferenceIssueReceiveReturn StockReturn SupplierAdjustmentTransferReserveWhere Used

Transaction Date	Document No	Material Request No	MR Line No	Work Order No	Asset No	Stock Location	Item Cost	Issue Issue To Quantity	Name	Uom
31/03/2022	ISU104804	MRE103987	1		00DCS01	DR-361-003	.0000	1.0000	CHATHURAS	EACH
31/10/2023	ISU105385	MRE104545	16	GN101337	00001	DR-150-009	410,066.6400	2.0000	MILINDAH	EACH
31/10/2023	ISU105386	MRE104545	16	GN101337	00001	DR-361-003	.0000	1.0000	MILINDAH	EACH
31/10/2023	ISU105386	MRE104545	16	GN101337	00001	DR-361-003	363,035.2500	1.0000	MILINDAH	EACH

Total: 5.00

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Step 4 (Return Tab)

YUGADANAVI 300 MW POWER PLANT

CMMS

Asset

Check List

Maintenance

Inventory

Purchasing

Preventive Setup

Personnel

Work Scheduling

Invoice

Dashboard

Notification

KPI Report

Master File Setup

System Default Setting

Master - User Group

Master - Auto Number

Master - Craft Code

Master - Accounting Period

DashboardInventory MasterWork - Work Flo...

PROMPT STOCK NO

Define

View

New

Edit

Delete

Duplicate

Save

Cancel

Type: Stock

Product Category: ELEC

Stock No: 02-040-145-011

Stock Group:

Master Location: DR-150-009

Part No: 3BSE030220R1

Order Rule: T

Total OH: 2.0000

Cost Center: DCS

Issue Price: 181,517.63

Account: DFT

Serialize Counter: 100001

DFT

Description: Profibus DP-V1 Communication C1854AK01_DCS Communication Module

Extended Description: Profibus DP-V1 Communication C1854AK01_DCS Communication Module

DetailUDFFinancialLocationSupplierReferenceIssueReceiveReturn StockReturn SupplierAdjustmentTransferReserveWhere Used

Transaction Date	Document No	Stock Location	Work Order No	Asset No	Remark	Material Request No	MR Line	Uom	Return Quantity
25/10/2022	RET100333	DR-361-003		00DCS01		MRE103987	1	EACH	1.0000

Total: 1.00

Prepared & Reviewed By:

Management Representative

Approved By:

Chief Operating Officer

Doc No:

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