Test Case 1 – ASN-Based Receiving Validation

Test Case ID

UAT-IN-01

Process

Inbound Receiving

Objective

Validate that inbound shipments are correctly received against ASN and inventory is updated automatically when no discrepancies exist.

Preconditions

- Valid ASN exists in IMS
- Shipment arrives within scheduled delivery window
- System flags late delivery metadata
- Receipt proceeds but with risk tagging
- Warehouse Associate has system access

Test Data (Example)

Data Element	Sample Value
ASN Number	ASN-MD-2025-1042
Supplier	Bountiful Baskets
SKU	SKU-FP-021 (Fresh Apples)
ASN Quantity	120 units
Received Quantity	120 units
Warehouse	Mississauga FC

Test Steps

Step	Action
1	Associate receives shipment at inbound dock
2	Associate scans ASN reference
3	Associate scans SKU barcodes and enters quantities
4	System validates quantities against ASN
5	Associate confirms receipt

Expected Results

- ASN validation successful
- No discrepancy created
- QOH updated to +120 units
- ATP recalculated automatically
- Items marked as “Received – Pending Putaway”
- Confirmation shown to Associate
- IMS captures supplier reliability signals.

Post-Conditions

- Inventory available for putaway process
- Receiving transaction logged in IMS audit trail
- No supervisor intervention required

Acceptance Criteria

- Inventory reflects exact ASN quantities
- No manual inventory adjustment needed

Status

Pass / Fail

Test Case 2 – Inbound Discrepancy Detection & Escalation

Test Case ID

UAT-IN-02

Process

Inbound

Objective

Ensure inbound quantity or quality discrepancies are detected and escalated to supervisor before inventory is updated.

Preconditions

- ASN exists in IMS
- Shipment arrives at FC
- Supervisor available

Test Data (Example)

Data Element	Value
ASN	ASN-MD-2025-1087
SKU	SKU-DA-044 (Milk 2L)
ASN Qty	200 units
Received Qty	185 units
Warehouse	Vaughan FC

Test Steps

Step	Action
1.	Associate scans ASN and SKU barcodes
2.	Associate enters received quantity
3.	System compares received vs ASN
4.	Discrepancy detected
5.	System generates inbound exception
6.	Supervisor receives notification

Expected Results

- Discrepancy flagged automatically

- Inventory update blocked
- Supervisor notified via IMS

Post-Conditions

- Shipment placed in “Pending Review” status
- No ATP/QOH update until approval

Acceptance Criteria

Discrepancies never update inventory without approval

Status

Pass / Fail

Test Case 3 – Automated Inventory Update After Receiving

Test Case ID

UAT-IN-03

Process

Inbound

Objective

Verify inventory is auto-updated after supervisor-approved receiving.

Preconditions

Inbound exception reviewed and approved

Test Data (Example)

Data Element	Value
SKU	SKU-DA-044
Approved Qty	185 units
Warehouse	Vaughan FC

Test Steps

Step	Action
1.	Supervisor approves inbound receipt
2.	System applies approved quantity
3.	System recalculates ATP

Expected Results

- QOH updated to approved quantity
- ATP recalculated instantly
- Receipt marked “Completed”

Post-Conditions

Inventory available for putaway

Acceptance Criteria

Inventory updates occur automatically post-approval

Test Case 4 – System-Directed Putaway Execution

Test Case ID

UAT-PU-01

Process

Putaway

Objective

Ensure system generates valid putaway tasks and guides associates to correct locations.

Preconditions

- Items received successfully
- Putaway rules configured

Test Data (Example)

Data Element	Value
SKU	SKU-FR-118 (Frozen Peas)
Suggested Location	Freezer-Z3
Warehouse	Scarborough FC

Test Steps

Step	Action
1.	System generates putaway task
2.	Associate views task on handheld
3.	Associate scans SKU and location

Expected Results

- Location validated
- Putaway task progresses successfully

Post-Conditions

Item staged as “Putaway In Progress”

Acceptance Criteria

Putaway locations are system-directed

Test Case 5 – Putaway Validation & Movement Logging

Test Case ID

UAT-PU-02

Process

Putaway

Objective

Confirm that SKU movement and location assignment are logged accurately.

Preconditions

Active putaway task exists

Test Data (Example)

Data Element	Value
SKU	SKU-PC-099
Location	Aisle B-12

Test Steps

Step	Action
1.	Associate scans SKU
2.	Associate scans location
3.	System validates movement

Expected Results

- Movement logged automatically
- No manual entry required

Post-Conditions

Putaway marked completed

Acceptance Criteria

System records location-level movement

Test Case 6 – Automated Inventory Update After Putaway

Test Case ID

UAT-PU-03

Process

Putaway

Objective

Ensure inventory becomes available only after successful putaway completion.

Preconditions

Putaway completed without exceptions

Test Steps

Step	Action
1.	Putaway confirmed
2.	System updates QOH and ATP

Expected Results

- Inventory released for picking
- Downstream processes notified

Post-Conditions

SKU visible in pick-face inventory

Acceptance Criteria

Inventory not released before putaway confirmation

Test Case 7 – Putaway Exception Handling (Supervisor Review)

Test Case ID

UAT-PU-04

Process

Putaway

Objective

Ensure putaway exceptions are generated and resolved correctly when storage constraints occur.

Preconditions

- Items successfully received
- Putaway task assigned by IMS
- Supervisor logged into system

Test Data (Example)

Data Element	Sample Value
SKU	SKU-FR-118 (Frozen Peas)
Suggested Location	Aisle F-03
Actual Location Scanned	Aisle F-07 (Blocked)
Warehouse	Scarborough FC

Test Steps

Step	Action
1	Associate scans SKU
2	Associate scans target location
3	System detects location mismatch
4	Putaway exception created
5	Supervisor receives alert
6	Supervisor reviews and approves alternate location
7	System updates inventory records

Expected Results

- Putaway exception logged automatically

- Supervisor notified via IMS
- Alternate location approved
- Inventory updated only after approval
- Putaway marked completed

Post-Conditions

- Inventory stored at approved location
- QOH and ATP updated correctly
- Exception resolution recorded for audit

Acceptance Criteria

- Inventory not released for picking until exception resolved
- Supervisor action required only for exception

Status

Pass / Fail

Test Case 8 – System-Directed Cycle Count Generation

Test Case ID

UAT-CC-01

Process

Cycle Counting

Objective

Verify cycle count tasks are auto-generated based on risk rules.

Preconditions

Cycle count rules configured

Test Data (Example)

Data Element	Value
SKU	SKU-HH-201
Risk Profile	High

Test Steps

Step	Action
1.	System evaluates SKU risk
2.	System generates count task

Expected Results

- Task assigned automatically
- Supervisor not required

Post-Conditions

Task visible on associate device

Acceptance Criteria

Cycle counts are system-directed

Test Case 9 – Real-Time Count Validation

Test Case ID

UAT-CC-02

Process

Cycle Counting

Objective

Ensure counts are validated instantly upon submission.

Preconditions

Cycle count task active

Test Data (Example)

Data Element	Value
System QOH	300
Counted Qty	298

Test Steps

Step	Action
1.	Associate enters count
2.	System validates variance

Expected Results

Adjustment auto-applied if within tolerance

Post-Conditions

Inventory updated instantly

Acceptance Criteria

No delayed reconciliation

Test Case 10 – Cycle Count with Variance Threshold

Test Case ID

UAT-CC-03

Process

Cycle Counting

Objective

Verify system behavior for cycle count variances within and beyond defined thresholds.

Preconditions

- System-generated cycle count task exists
- SKU has tolerance thresholds configured

Test Data (Example)

Data Element	Scenario A	Scenario B
SKU	SKU-PC-077	SKU-PC-077
System QOH	250 units	250 units
Counted Quantity	248 units	220 units
Variance	−2 units	−30 units
Threshold	±5 units	±5 units

Test Steps

Step	Action
1	Associate scans location
2	Associate scans SKU
3	Associate enters count
4	System validates variance
5	System applies adjustment or creates exception

Expected Results

Scenario A – Within Threshold

- Inventory auto-adjusted
- No supervisor review

- QOH and ATP updated instantly

Scenario B – Beyond Threshold

- Exception created
- Supervisor notified
- Adjustment applied only after approval

Post-Conditions

- Inventory records reflect approved quantities
- Cycle count history logged
- Supervisor workload limited to high-risk cases

Acceptance Criteria

- Threshold logic enforced consistently
- No silent inventory adjustments beyond tolerance

Status

Pass / Fail

Test Case 11 – Auto-Triggered Replenishment

Test Case ID

UAT-RP-01

Process

Replenishment

Objective

Verify replenishment triggers when pick-face falls below threshold.

Preconditions

Min/Max configured

Test Data (Example)

Data Element	Value
Pick-Face Qty	8
Min Threshold	10

Test Steps

Step	Action
1.	System detects low stock
2.	Replenishment task generated

Expected Results

Task created automatically

Post-Conditions

Replenishment queued

Acceptance Criteria

No manual trigger required

Test Case 12 – System-Directed Replenishment Execution

Test Case ID

UAT-RP-02

Process

Replenishment

Objective

Ensure associates execute replenishment using system guidance.

Test Steps

Step	Action
1.	Associate views task
2.	Moves stock from backstock
3.	Scans source and destination

Expected Results

- Movement validated
- No errors

Post-Conditions

Pick-face replenished

Acceptance Criteria

System validates replenishment movement

Test Case 13 – Replenishment Exception Handling

Test Case ID

UAT-RP-03

Process

Replenishment

Objective

Confirm replenishment exceptions are escalated correctly.

Test Data (Example)

Data Element	Value
Backstock Qty	0

Test Steps

Step	Action
1.	Associate reports shortage
2.	System creates exception
3.	Supervisor notified

Expected Results

- Exception logged
- Replenishment paused

Post-Conditions

Issue routed for resolution

Acceptance Criteria

Exceptions prevent false replenishment

Test Case 14 – Pick-Time Inventory Validation

Test Case ID

UAT-OP-01

Process

Picking & Packing

Objective

Ensure system validates availability before allowing pick.

Preconditions

Active order exists

Test Steps

Step	Action
1.	Associate scans SKU
2.	System validates availability

Expected Results

Pick blocked if stock unavailable

Post-Conditions

No negative inventory

Acceptance Criteria

Picks cannot proceed on incorrect stock

Test Case 15 – Single Inventory Deduction Enforcement

Test Case ID

UAT-OP-02

Process

Picking & Packing

Objective

Verify inventory is deducted only once in pick-pack flow.

Test Steps

Step	Action
1.	Order picked
2.	System deducts inventory
3.	Order handed to packing

Expected Results

- Single deduction recorded
- No duplicate adjustments

Post-Conditions

Inventory accurate post-pack

Acceptance Criteria

No double deduction scenarios