

WORK-IN-PROCESS CONTROL CHECKLIST

Are you looking for ways to reduce material and labor costs, and increase the efficiency of your plants?

One of the best investments you can make is to automate and error-proof material handling processes on your shop floor. Using RF and/or RFID technology and **SPEDE Work-in-Process**, you can capture WIP transactions in real-time, track WIP locations by serialized unit, and automate Production Reporting. You can view accurate inventory and production data, 24/7. And with data mining, you can monitor trends, and analyze and trace QC issues to prevent or minimize Recalls.

What are your WIP Issues?

Here's the SPEDE Solution:

Inventory Accuracy?

- Need to track WIP by individual unit
- Manually recording WIP location transfers
- Manually reporting Production Receipts
- Inventory accuracy less than 99%
- Back Orders due to inventory outages
- Carrying excess inventory due to lack of real-time information
- No visibility of inventory transferred between Plants, Servicers

Real-time Tracking via Serialized Unit

- Prints serialized WIP labels for tracking WIP units individually
- Scan WIP S/N and Location - validates and records WIP move
- Automates Production Rptg via scanning or interface to PLCs / weigh scales
- Near 100% accuracy due to real-time validation of all Inventory txns
- Real-time Production Reporting & inventory accuracy help prevent outages
- Real-time Production Rptg & Inventory Visibility eliminate need for safety stock
- Tracks out-sourced WIP by serialized unit, via scanning Units at Shipping

Warehousing?

- No FIFO control of WIP Inventory
- No finite location control of WIP Inventory
- Manually doing Cycle or Physical Counts
- Material Handlers spend too much time looking for items

Automated Warehousing

- Optional FIFO Control in WIP warehouse to control Picking/ Issuing
- Optional Location Control over Putaways / Moves
- Automates Cycle / Physical Counts via scanning
- Real-time Warehouse Locator System shows all Parts by Location, S/N, Qty

Traceability?

- No detailed Lot Traceability from Receiving through Shipping
- Using a Manual System to handle selective Recalls
- Complying with Regulatory requirements

Electronic Traceability

- Lot/Serial data is captured automatically via scanning txns
- Event Database stores Traceability details; can be mined for QC, Recalls, etc.
- Enables compliance with Federal Traceability & Supply Chain mandates

Informational?

- Stale Information is given to Mgmt to make inventory decisions
- Inaccurate transaction data is sent to ERP system
- Data is hand-written and/or manually entered to ERP
- Insufficient data regarding employee accountability, performance
- No "data mining" of events for trend analysis, process improvement

Real-time Data Capture, Verification & Mining

- Real-time, granular Inventory and Production data is available 24/7
- Transactions are verified real-time to ensure 100% accuracy
- Txns are recorded & verified using RF /RFID. Host is updated automatically.
- Inventory & Event txns are stamped with Employee, Date, Time
- Real-time Inventory & Event Data is available 24/7 via Data Mining

Now is the time to Cut Costs and Increase Efficiency in your Plant Sites!

Call us at 440.808.8888 (ext. 16) or email us at info@spede.com