

Storeroom and Procurement Metrics

Storeroom Service Level by ABC classification

- 100% Service Level for Critical Spares (A Parts)
(Parts delivered at time requested/total number of requests)
- 96% Service Level for Standard Spares (B Parts)
- 92 % Service Level for Commodity Parts/ Material (C Parts)

Vendor Performance Complete, On-Time Delivery and Part Quality

- 100% Complete and On-Time = (Orders complete and on-time/total orders)
- 98% Part Quality = (1-(number of part warranty issues/total # of parts received))

Storeroom Inv value/ Asset Replacement Value

- Less than 2 % (Total Parts Available/ Total Asset Replacement Cost)

Stores Turns by ABC analysis

- Value of A* items distributed/ Total Value of A items Stocked
- Value of B items distributed/ Total Value of B items Stocked
- Value of C items distributed/ Total Value of C items Stocked

* “A” items (insurance spares/ critical spares) should not be managed by turns. They are stocked because of the risk of lost business if due to part failure.

Inactive Stock Line Items/Total Stock Line Items

- Inactive Line Items should be evaluated as 5 years and greater, 3 -5 years and 1-3 years without turning. “A” parts can be part of the analysis but cannot be removed without specific approval.
- Items not turned greater than 5 years/ Total Stocked Items

Stock outs

- Part requested at window which is stocked/ total requests for parts.
(Independent of Classifications)

Rush Purchase Orders / Total Number of Orders

- This is a good metric to help improve your Preventive maintenance and maintenance planning processes.
- Rushed Purchase Order (Special Process)/Total number of Orders

Expedited Freight Cost/ Total Freight Cost

- This metric is related to the previous one on Rush Purchase Order.
- Total cost of non-standard freight (1, 2, 3 day shipping, special pick up, etc.)/ Total Freight.
- This is a great metric to start locate equipment to perform Root Cause Analysis.

Maintenance Work Orders Awaiting Parts/ Total Work Orders

- This metrics helps the storeroom contribute to the management of work order backlog.
- Work Order Awaiting Parts(CMMS Status)/ Total Active Work Orders

Procurement Card Purchases/ Total Material Cost

- Procurement purchases are the maintenance engineer and planners nightmare. Most companies do not have the discipline to cross charge the procurement card purchase to a work order so it can be part of the equipment history. With this incomplete history, it is nearly impossible to optimize a maintenance plan for a specific asset.
- Procurement Card Purchases / Total purchases per month.