eMRO Action Plan Module 2

Ready to apply what you have learned?

Step 1: Review the key processes discussed in the module. Evaluate your current organization's status. Are you reactive, emerging, proactive or excellent?

Process	Reactive No process or procedure in place	Emerging Informal process in place, or process in place only for regulatory compliance	Proactive A formal process is established and well understood. Process includes flow charts, step definitions and responsibility matrix	Excellent Process effectiveness drives business results. Data is shared and used for decision-making. Process audits drive improvements
Storeroom Receiving (SRC)	• Individual experience dictates level of receiving data accuracy • Inconsistent, partial confirmation of material type and quantity • Material received is placed into stock without documentation • Many errors go unnoticed and unreported	• Minimal standards are used to comply with financial control audit • Materials are frequently received and documented • Variances are noted manually • Quarantine areas are not in place for non-compliant shipments	• Receiving process is documented and effective; orders received confirm description and quantity • Correct materials are inventoried or delivered to assigned location • Incorrect items are returned to supplier • Discrepancy data is captured in the system	• 100% of orders received are documented in the system and have confirmed description quantity • Process is audited and improved • Vendor's on time delivery is ≥90% with ≥95% accuracy • Vendor performance discrepancy data is used in vendor rating
New Item Set-up (NIS)	• No decision-making criteria to determine if a part should be put into stock • Stocking decisions are left to individuals involved • Excessive inventory is not measured or managed • Parts are not tied to an operating equipment asset	• The decision to stock is made informally based on subjective or minimal criteria • Order lead-times are not verified by vendors • Stocking levels may be recommended but are inconsistently followed • New parts are not tied to an operating equipment asset	• The decision to stock is based on expected service life and some objective criteria • Many parts added to storeroom inventory are tied to an operating equipment asset and an Equipment Bill of Material (BOM) • Order lead times are verified with the vendor • Stocking levels are defined for critical and frequently used items	• The decision to stock is reviewed with the Reliability Engineer and considers total cost of ownership, failure mode and likelihood of failure detection • Parts added to storeroom inventory are always tied to an operating asset and BOM • Inventory parts have recommend storage levels, safety stock and re-order points

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Step 2: Based on your evaluation, use the document to develop an improvement plan. Select 2 specific areas of opportunity from the process descriptions and create a plan to implement improvements. Good areas to target are those that can be quickest to improve and those that will make the biggest impact.

Maintenance Material or Storeroom Goal	Behaviors	Results	Organizational Goal
Area of desired improvement	*Within 30 days I will….*	*What KPI or result can I achieve within 90 days?*	*What organizational goal is impacted by the results?*