ELECTRICAL STOREROOM SELF EVALUATION

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EECO
Ideas Powering Performance

PROGRAM SUMMARY

Goals and Metrics			
Total SKUs	Total electrical inventory	Total Suppliers	Estimated purchases with non-electrical distributors (%)
34	$30k to $75k	3 or more	10% or more

Items included in your storeroom program
Fuses, Lamps, Fittings, , , , , , , ,

Currently observed goals and metrics
none

IMMEDIATE OPPORTUNITIES TO ACT ON

1. Conduct a storeroom assessment. Storeroom organization should be reviewed every 3 years and can typically be improved within two weeks. After 5 years, storeroom efficiency erodes significantly if organization and waste are not promptly assessed.

2. Systems change due to requirements of demand, upgrades, new installations, and other factors. Conduct a Criticality Assessment and to define support requirements of the storeroom, and periodically update the assessment. At five years or more there can be significant change, requiring a more extensive assessment such as an Installed Base Evaluation (IBE).

3. Many domestic power and control system components are reaching end of life. Increasing compliance requirements for issues such as arc flash often require upgrades. Critical components should be evaluated for both lifecycle and compliance driven change. The storeroom is a very efficient point of inspection for multiyear migration planning. Components not evaluated in the last five years could result in much higher replacement cost or compliance/safety concerns.

AREAS TO EXPLORE FOR OPPORTUNITY

a. There may be an opportunity to act in the following areas. A brief phone call with us could reveal additional potential and options you may want to consider.

b. Incomplete labels reduce access speed and generate errors. There are multiple data points to include on labels depending on your CMMS or inventory system.

c. Most storerooms serve high speed and often stressful environments. Higher efficiency can be achieved with low cost, simple systems that can be easily implemented.

d. Documented processes for modification of inventoried items, replenishment parameters, and processing returns provide means for supplier management and will increase efficiency.

e. A defined expectation to evaluate and adjust replenishment parameters is a necessary control of suppliers and will help optimize levels.

f. Usage, suggested product, upgrades, and cost savings opportunities should be identified and reported by suppliers as part of periodic performance review.

g. Suppliers of critical components should have proof of capability required to support you through emergencies.

RELATED READING:

- Electrical storeroom assessments...what happens next?
- What's hiding in your electrical storeroom?
- Helpful advice for managing your electrical storeroom.
- Critical spares: is your electrical storeroom ready to serve?

Download the whitepaper:
5 Steps to Efficient electrical Storerooms

Contact EECO for a free storeroom assessment:
Storeroom optimization for storeroom managers
Storeroom assessment for purchasing managers

SELF-EVALUATION DETAIL

ORGANIZATION
How recently has the storeroom been assessed for consolidation, waste, space utilization and organization? Within the last 3 years
Is there a formal bin system of organization in place? Yes
Do labels correctly reflect bin IDs, relative part and CMMS required data? Yes
Is system of scanning and tracking in place, such as bar code? Yes

STOREROOM MANAGEMENT AND INVENTORY CONTROL
Are there documented processes to modify items in inventory, update replenishment parameters and process returns? Yes
How often are replenishmentparameters (ie min max) recalculated? 6-12 months
How often do you receive inventory reports and recommendations from your storeroom suppliers? 6-12 months
Are stockouts documented or otherwise captured for corrective action? Yes
If your storeroom includes repaired motors, is a formal repair standard in place and is it documented? Yes
Do you have a program in place to repair or recycle power electronics? Yes
Do you make use of failure analysis information from your repair vendors? Yes

CRITICAL SUPPORT AND OPERATIONAL READINESS
How recently have you assessed your most critical systems (motors, power, automation)?
Within the last 5 years
Have you identified critical components required to keep these systems running?
Yes
Have your designated suppliers for critical components been qualified for emergency support?
Yes
How recently have you assessed obsolecsence or other risks driven by change in requirements?
More than 5 years
Components not evaluated in the last five years could result in much higher replacement cost or compliance/safety concerns.
Is there a plan in place to assure operational readiness for motors in storage, and is there documented history of health?
No
Motors should be routinely assessed to assure they are operable when placed in service. Testing and repair records should be immediately assessible to installation personnel.

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