

Reliability-focused Spare Parts & Materials Management

Table of Contents

Chapter 1	Introduction	1.1
	Organizing for effective maintenance materials management	1.2
	Business processes	1.2
	Materials management business processes	1.3
	Continuous improvement	1.3
	Buyers vs. Maintenance Planners	1.3
	Maintenance materials management is different	1.4
	Maintenance materials data management	1.4
Chapter 2	Benefits of good maintenance materials management	2.1
Chapter 3	Alignment of objectives	3.1
Chapter 4	Integration of maintenance materials management and reliability management	4.1
Chapter 5	Inventory management basics	5.1
	Definitions	5.1
	Stock activity graphs	5.2
	Economic Order Quantity (EOQ)	5.2
	Dual re-order points	5.3
	Inventory automation examples	5.4
	Open or closed Storeroom?	5.4
	Physical storage	5.5
	Return-to-Stores	5.6
Chapter 6	Integration of maintenance materials information	6.1
	Recommended files	6.1
Chapter 7	Integrated non-stock catalog	7.1
Chapter 8	Database principles	8.
Chapter 9	Equipment selection	9.1
Chapter 10	To stock or not to stock?	10.1
	Stock/don't stock decision factors	10.4
	If it's stocked, then how many?	10.6

	New stock request	10.7
	Management of new stock	10.7
Chapter 11	Anti-friction bearings	11.1
Chapter 12	Plant standards	12.1
Chapter 13	Spare parts lists	13.1
	Plant hierarchy	13.1
	Preparation and maintenance of parts lists	13.1
	Parts list standard	13.2
Chapter 14	Interchangeability	14.1
Chapter 15	Using non-OEM parts	15.1
Chapter 16	Obsolete and surplus stock	16.1
Chapter 17	Repair-and-return management	17.1
Chapter 18	Inventory value	18.1
Chapter 19	Work kits and delivery systems	19.1
Chapter 20	Other Storeroom services	20.1
Chapter 21	Summary of CMMS requirements	21.1
Chapter 22	Some other possibilities	22.1
	Outsourcing of materials management.	22.1
	Centralized warehousing for multiple plants.	22.1
	Sharing of materials among multiple plants.	22.1
Chapter 23	Summary	23.1
	Index	24.1