

# Spare Parts Inventory Management Online Boot Camp

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## Course Description

This intensive, instructor led, course teaches participants the fundamentals of spare parts inventory management. This includes:

- Why spare parts are different to other types of inventories (and what this means to you)
- The standard inventory management techniques that just don't work with spare parts inventory
- The five best practices that make a demonstrable difference to spare parts management results
- The difference between critical equipment and critical spare parts
- How to identify which critical spare parts you really need to stock
- How to set your Re-order Point (ROP) and Re-Order Quantity (ROQ) without expensive software, using techniques that can be applied by anyone at any time
- How to manage obsolete inventory and disposal.



## **Feedback from past training participants**

*Phillip Slater's boot camp provided all of us with hands on experience in techniques and tools to use to consistently identify and better manage spare parts inventory.*

*I was really impressed with the material and content of the class. I learned a great deal and am working on applying that knowledge.*

*I take this opportunity to thank you for this powerfully crafted course. The learning experience was profound.*

## Course details

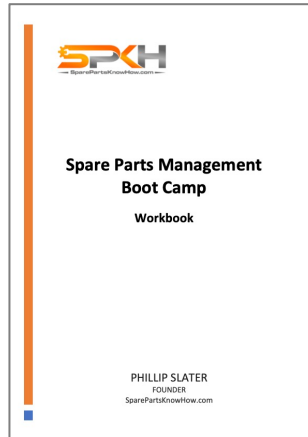
- The course involves 4 interactive live online sessions over 4 weeks.
- Each week there is a 90-minute, live on-line session with the course facilitator, Phillip Slater.
- Each weekly module consists of reading, videos, and exercises. The participants review this content before each weekly online session.
- The online session then acts as a tutorial to clarify understanding and answer questions.
- There is a workbook to guide students through the course that includes all the exercises. Expected 'homework' time averages at approximately 60-90 minutes per week.
- By adopting an interactive process, the boot camp also aims to help participants develop a personal action plan for execution in their businesses.

## Resources

### **Course Workbook**

Each student is provided with a workbook that:

- Guides them through the course
- Provides space for completing the exercises
- Provides space developing their personal action plan.



### **Online Resources**

The course is supported through the Learning Management System at SparePartsKnowHow.com.

Each participant will be provided with a unique log-in to access the online content at a time of their choosing

### **Online Group Discussion**

Each week of the program includes an online session during which the highlights of the material is reviewed, the participants can engage in a discussion with other participants, and they can ask questions of the course facilitator.

## About the Facilitator



Phillip Slater is a spare parts inventory management specialist and the Founder of SparePartsKnowHow.com.

With more than 35 years' experience Phillip has helped rebuild and reorganise MRO stores and spare parts management systems for asset-intensive organisations in 38 countries. While he is university qualified in both mechanical and maintenance engineering, Phillip's greatest lessons in spare parts management came from his time working as a maintenance engineer and operations manager.

Phillip is the author of nine books, including *Spare Parts Inventory Management*, *Smart Inventory Solutions*, and *The Optimization Trap*.

For more information on Phillip, please visit [PhillipSlater.com](http://PhillipSlater.com).

*There is no doubt that Phillip is the global spare parts guru.*

*Phillip's ability to train people is extraordinary.*

*Phillip is not just a teacher; he is a mentor.*

*Phillip is a renowned subject matter expert in Spare Parts Inventory Management and has rich experience in a wide range of industries.*

### Assessment

Participants that attend all four sessions will receive a certificate acknowledging their participation.

## Course Outline

Week	Description and Learning Objectives	Activities
<p>Week 1 Introduction</p>	<p>The introductory session provides an overview of the spare parts inventory life cycle and identifies what are MRO and spare parts and why they are different to other inventory types.</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> <li>• Identify the characteristics that differentiate spare parts inventory from other types of inventories.</li> <li>• Identify 5 common supply chain techniques that should not be used with spare parts inventory.</li> <li>• Explain how spare parts management fits into the big picture of operations management.</li> <li>• Explain the 5 key financial principles for spare parts management.</li> <li>• Calculate the cost of holding spare parts inventory</li> </ul>	<ul style="list-style-type: none"> <li>• View introductory video</li> <li>• Read allocated texts</li> <li>• View explanatory videos</li> <li>• Complete action planning exercise</li> <li>• Group discussion (online)</li> </ul>
<p>Week 2 Deciding What to Stock</p>	<p>The most important issue at the beginning of the spare parts life cycle is asking whether or not to stock an item at all.</p> <p>This module covers spare parts criticality, deciding whether an item should be stocked, and selecting and stocking spare parts for new capital equipment.</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> <li>• Explain the relationship between the Planning Horizon and Lead Time.</li> <li>• Discuss the 7 questions that need to be asked before deciding to stock an item in inventory.</li> <li>• Determine the requirements for selecting and stocking spare parts for new capital equipment (first time buy).</li> <li>• Identify critical spare parts and understand how to differentiate between machine critical and inventory critical spare parts.</li> </ul>	<ul style="list-style-type: none"> <li>• View introductory video</li> <li>• Read allocated texts</li> <li>• View explanatory videos</li> <li>• Complete scenario exercise</li> <li>• Complete action planning exercise</li> <li>• Group discussion (online)</li> </ul>

Week	Description and Learning Objectives	Activities
<p>Week 3 Setting Stock Levels</p>	<p>The standard inventory management theory does not provide realistic answers for determining the ROP and ROQ of spare parts inventory.</p> <p>This module explains why and covers a simple technique for determining these critical parameters.</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> <li>• Explain the difference between theory and reality with determining spare parts requirements.</li> <li>• Explain the problems with using traditional calculation methods for determining spare parts re-order points and re-order quantities.</li> <li>• Apply a simple logical technique for determining appropriate re-order points and re-order quantities.</li> </ul>	<ul style="list-style-type: none"> <li>• View introductory video</li> <li>• Read allocated texts</li> <li>• View explanatory videos</li> <li>• Complete calculation exercise</li> <li>• Complete action planning exercise</li> <li>• Group discussion (online)</li> </ul>
<p>Week 4 Best Practices and Managing Obsolescence</p>	<p>Part 1: What does good spare parts management 'look like'? This week we identify six practices that make a genuine difference to spare parts inventory outcomes.</p> <p>Part 2: End of life management is an often-neglected part of spare parts inventory management. This week we reveal the big lie of spare parts obsolescence and explain how to better manage the spare parts end-of-life.</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> <li>• Explain the process used to identify best practices.</li> <li>• Identify six practices that are shown to make a genuine difference to spare parts inventory management outcomes.</li> <li>• Explain the difference between vendor-led and owner-led obsolescence and the implications of each.</li> <li>• Develop an End-Of-Life (EOL) plan and calculate Last-Time-Buy requirements.</li> <li>• Recognize the issues involved in managing spare parts disposal.</li> <li>• Identify 7 different disposal options and the benefits of each.</li> </ul>	<ul style="list-style-type: none"> <li>• View introductory video</li> <li>• Read allocated texts</li> <li>• View explanatory videos</li> <li>• Complete action planning exercise</li> <li>• Group discussion (online)</li> </ul>