Compared to its widespread implementation across almost all areas of production, Lean improvement efforts lag within the process industries. While, a number of innovators have successfully applied Lean principles to these industries over the last two decades, most of those pioneering efforts were never recorded to guide the improvement efforts of others. Drawing on 40 years of application experience at one of the world’s largest chemical and materials manufacturers, Peter King corrects this void by providing the first comprehensive resource written explicitly for change agents within the process industries. Focusing on areas where the improvement needs of the process industry differ from parts assembly manufacturing, Lean for the Process Industries: Dealing with Complexity Covers each of the eight wastes commonly described in Lean literature, looking at how they manifest themselves in process operations Explains how to adapt value stream mapping for process operations Shows how to identify the root causes of bottlenecks, and systemically eliminate them Provides process-oriented modifications that will enhance the usefulness of Cellular Manufacturing, Heijunka Production Leveling, and Pull Replenishment Systems Discusses the role of process operations management in a Lean strategy Whether you are manufacturing consumer products such as foods, paints, and pharmaceuticals, or materials such as bulk chemicals, sheet goods, and synthetic fibers, this book shows you how to achieve that enviable level of performance where continual improvement becomes inherent to your processes.


The Toyota Way Fieldbook, Liker, David Meier, Liker, Nov 1, 2005, Industrial management, 475 pages. Jeffrey Liker first revealed the management principles Toyota’s worldwide reputation for quality and reliability in the international bestseller The Toyota Way. Now, he and...

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Value Stream Management Eight Steps to Planning, Mapping, and Sustaining Lean Improvements, Don Tapping, Tom Luyster, Tom Shuker, May 6, 2002, Business & Economics, 169 pages. Demonstrating how to use mapping as part of a complete system for lean implementation, the authors stress the importance of reaching beyond single-point kaizens to ensure a.

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Lean Materials Planning and Execution A Guide to Internal and External Supply Management Excellence, Donald H. Sheldon, Nov 15, 2007, Business & Economics, 272 pages. This informative volume explores the roots of high-performance materials management, and enables supply managers to make the right choice of process control at the right time.

Lean Production Implementing a World-class System, John R. Black, 2008, Business & Economics, 191 pages. The concept of lean production is not new, but the challenges of dramatic change management often stymie business leaders trying to put lean operations into place. This volume.


The Product Wheel Handbook Creating Balanced Flow in High-Mix Process Operations, Peter L. King, Jennifer S. King, Apr 26, 2013, Business & Economics, 219 pages. The Product Wheel (PW) design process has practical methods for finding the optimum sequence, minimizing changeover costs, and freeing up useful capacity. So much so, that the.


Grzimek's Animal life encyclopedia, Volume 12, Part 2, Bernhard Grzimek, Science
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The College Board College Handbook 2004, College Board Staff, Jul 15, 2003, , 2109 pages. The College Board College Handbook 2004, with the Real Stuff college search and test-prep CD-ROM, is the flagship of the College Board's elite line of annual directories. It is Lean for the process industries: dealing with complexity 333 pages
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