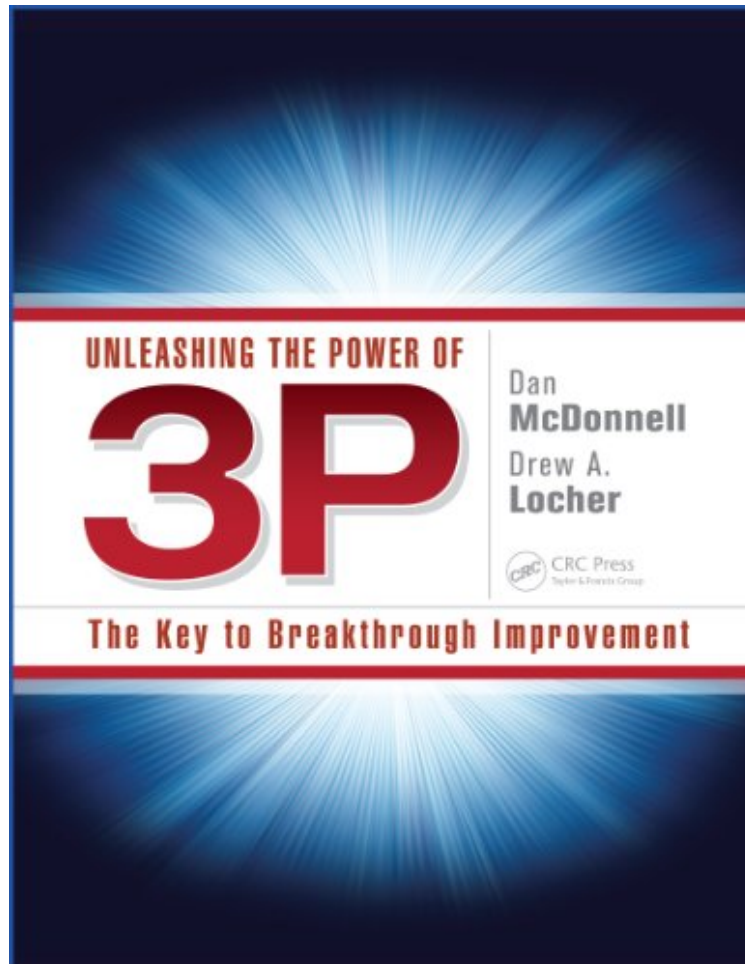


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Unleashing the Power of 3P: The Key to Breakthrough Improvement

Dan McDonnell, Drew A. Locher

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Dan McDonnell, Drew A. Locher : Unleashing the Power of 3P: The Key to Breakthrough Improvement before purchasing it in order to gage whether or not it would be worth my time, and all praised Unleashing the Power of 3P: The Key to Breakthrough Improvement:

0 of 0 people found the following review helpful. Great Addition to Your Lean Library...By Gary SmithDan McDonnell does a great job of sharing all the key points needed for a 3P transformation. He emphasizes the holistic approach to 3P - it is much more than 7 ways or scale cardboard models. The narrative style makes it an easy read. I am not sure that it is a standalone reference for launching 3P in your company - but it is a must read for anyone open to making a lean breakthrough using 3P. The tools shown really do work and together can help drive breakthrough improvement...0 of 0 people found the following review helpful. Love the checklists and visual guidelines for the 3P processBy CustomerThis is an important book on a topic that needs a lot more teaching and explanation. The reader will get a comprehensive understanding of the whole 3P process and the potential benefits. Love the checklists and

visual guidelines for the 3P process. 0 of 0 people found the following review helpful. Highly Recommended By Ryan Cartier, Lean Leader For those dealing with new facility start ups, plant expansions, product development projects, product transfers between plants, major changes in product design, demand or plant re-arrangement; who need to achieve full operational capability on day one while reducing capital expenditures and target product costs. Using the example of saving a plant losing money and customers, facing sale or relocation to a lower cost region, this covers how the Production Preparation Process can achieve a Vertical Start Up meeting schedule, cost and quality targets on launch. Points include:- What you don't see- Simulating the work; Operators as surgeons; The internal customer-Moonshining practice, characteristics in selecting employees for this, and how this can often save 30-50% on plant and equipment capital expenditures.- How manual recording of information creates a more intimate ownership for the team, and a higher level of commitment to and the knowledge of why it's there and what it means.- Visually supported depiction of the dos and don'ts of manufacturing, which may be the opposite of how we have tended to design our processes.- Staffing 3P- 20 principles of manufacturing to adhere to throughout the process- The amount of capacity to plan for, and when planning beyond that is a waste.- The "Sequence 90" concept- The 7-Ways Process and its steps- How bench top mock ups enable people to further perceive problems and wastes in the design phase and what to consider while going through this- An example of getting a rework back into flow without disrupting line performance.- Rule of 10's, and how much more costs can be when discovered by the customer.- In deciding what to work on, selecting what gets a full scale mock up.- What ERP systems are no longer used for, and Master Scheduling with manual functionality to increase responsiveness to last minute changes.- Developing a PFEP (plan for every part), parts segmentation, inventory system design, replenishment planning and a Supermarket Evaluation Checklist- Working with human resources develop a hiring model supporting required training including actual pre-production units to meet production requirements on day one

Recent improvements at Enterriders' Trail Rider Memphis Operation bought Pete Grant, the Trail Rider Plant Manager, and his team a little more time, but Pete knew much more was needed to save the plant. They needed a breakthrough, a true game changer. Then someone told Pete about a process called 3P that could lead to unprecedented improvement when utilized during major change programs. Could this be just what he was looking for? Unleashing the Power of 3P: The Key to Breakthrough Improvement follows Pete and his team as they journey through Lean and the Production Preparation Process (3P). Using an easy-to-follow story, it allows readers to tag along as the team learns how to trim waste, increase efficiency, and bring their plant back from the brink. You'll learn from the team's mistakes and follow them as they visit a hospital and learn how Lean and 3P can be applied in any industry. A go-to guide for 3P execution, this book: Details a proven methodology for successful implementation of even the most aggressive corporate change programs Presented in workbook format with real-world examples Uses an engaging story to guide readers through a 3P project—from beginning to end Suitable for beginner, intermediate, and advanced practitioners of continuous improvement The book outlines time-tested methods that can be applied to any combination of product, process, and facility design to reduce costly redesign iterations and associated delays. Based on a true story, it takes you on a journey as Enterride completes a new production start-up in dramatically reduced time and cost. Lean and 3P can transform your organization. Let Enterriders' journey show you just how transformative they can be. Watch co-author Drew Locher discuss how 3P can stop project delays and increase efficiency in your organization.

About the Author Dan McDonnell is Vice President for Operational Excellence at Ingersoll Rand and currently helping them drive a total Enterprise transformation to premier performance, using Operational Excellence, which in part is consisting of Toyota's 3P process, Dan spent 15 years at General Electric in a number of Plant Manager and Manufacturing General Manager roles, ultimately helping their Transportation business drive a major Lean conversion. Prior to General Electric, as VP Manufacturing for Multilin, he championed a significant Lean transformation, and it was there he started to dabble in what he thought was the essence of 3P, in the absence of a lot of public information on the topic. Even the partial application of a full 3P process led to strong gains where it was applied. This continued throughout his GE career, culminating in the learning of, and application of, a total 3P process based on the Toyota Way, under the guidance of the Shingijutsu Corporation. The phenomenal results achieved through these lessons and applications, saw 3P spread at a wildfire pace through General Electric. Dan also learned much of his Operational Excellence knowledge base with 20 years in a variety of volunteer leadership roles within the Association for Manufacturing Excellence, and all of the networking opportunities that provided with a myriad of great Lean practitioners. Drew Locher is currently the Managing Director for Change Management Associates. CMA provides Lean Enterprise Consulting and Organizational Development services to industrial and service organizations representing a wide variety of industries including: Healthcare, Transportation, Distribution, Education, Financial Services and Manufacturing. Drew first became involved in the development and delivery of innovative Business Improvement programs while working for General Electric in the 1980s. In 1990, Drew left GE to form CMA. In 2004, Drew co-authored a book titled, The Complete Lean Enterprise — Value Stream Mapping for

Administrative and Office Processes. The book won a 2005 Shingo Prize for Manufacturing Excellence in Manufacturing Research. In 2008 he published a book titled, Value Stream Mapping for Lean Development; a How-to Guide for Streamlining Time to Market. This book demonstrates the application of Lean Thinking to the "problem solving" value stream. His third book titled Lean Office and Service Simplified: the Definitive How-to Guide was released in February 2011.