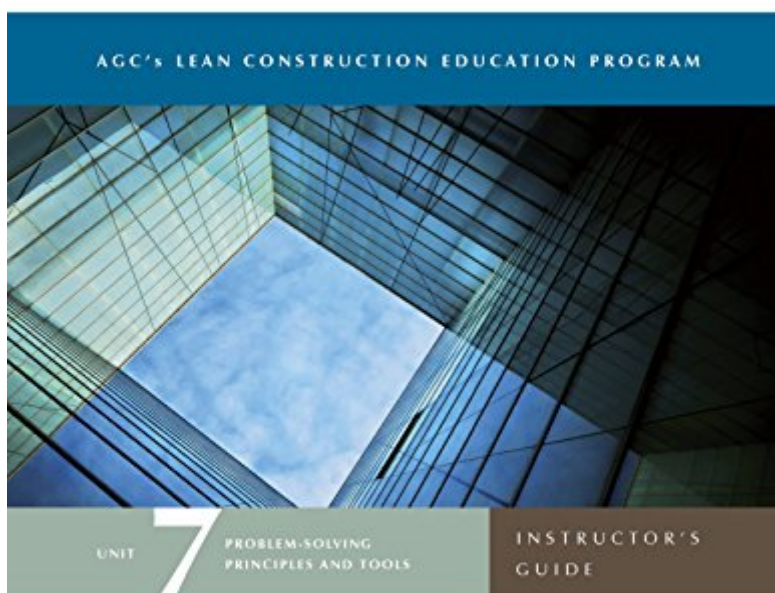


The book was found

Lean Construction Education Program Unit 7: Problem-Solving Principles And Tools- Instructor's Guide



Synopsis

WELCOME TO UNIT 7: PROBLEM-SOLVING PRINCIPLES AND TOOLS Lean Construction is driven to minimize costs and maximize value on each project completed, challenging all stakeholders to develop and apply better ways to manage the overall construction process. Everyone related to the construction process has incentives to get the project done faster and at a lower cost – from the project owners who want to see tangible results for their investment to designers and contractors who want to do their job well and move on to the next project. Throughout the construction process – planning, design, construction, activation, operations, maintenance, salvaging and recycling – the holistic pursuit of continuous improvement drives more efficient, effective and economic projects. On a corporate level, lean is most effective when embraced by all areas of the company. To do so, senior management must understand the need for and advantages of lean implementation. However, lean is also an individual journey. All project team members must work together on a daily basis, incorporating lean principles into their most basic work, to see the true benefits of lean. This course is just one part of the foundation that is available to help participants reach these goals. Up to this point, the courses within the Lean Construction Education Program (LCEP) have been focused on variation inherent to workflow, the value of pull production and effective structuring, planning of those activities on the project site, elimination and maximizing value in the supply chain and applying lean principles to design and pre-construction. With Unit 7: Problem-solving Principles and Tools, we will look at the construction problem-solving principles and tools, the role of teamwork in problem solving, clearly defining problems, a structured approach to problem solving, tools useful for problem solving and use of the A3 for solving construction problems. The course is divided into three sessions: Session 1 introduces the difference between traditional and lean problem solving, creation of a team approach, and the use of observation walks to discover the facts affecting a problem. Session 2 introduces the importance of carefully defining problems, the 5 Whys and the Plan-Do-Check-Act cycle. Session 3 presents several tools for use in solving problems and an extended activity to complete an A3 for problems participants bring from their workplace to class.

Book Information

File Size: 7897 KB

Simultaneous Device Usage: Unlimited

Publication Date: August 10, 2015

Sold by: Digital Services LLC

Language: English

ASIN: B013RG75M4

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #1,113,449 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #73

in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Civil >

Construction > Contracting #282 in Books > Crafts, Hobbies & Home > Home Improvement &

Design > How-to & Home Improvements > Contracting #398 in Kindle Store > Kindle eBooks >

Crafts, Hobbies & Home > Home Design > Buildings & Construction

[Download to continue reading...](#)

Lean Construction Education Program Unit 7: Problem-Solving Principles and Tools- Instructor's Guide Supervisor Training Program (STP) Unit 6 Participant's Manual: Risk Management and Problem Solving Intermittent Fasting: Everything You Need to Know About Intermittent Fasting For Beginner to Expert - Build Lean Muscle and Change Your Life (Lean Lifestyle, Lean Muscle, Lose Fat) Certified Flight Instructor Test Prep 2012: For the Ground, Flight, Military Competency and Sport Instructor: Airplane, Helicopter, Glider, ... FAA Knowledge Exams (Test Prep series) Flashcard Study System for the ACE Group Fitness Instructor Exam: ACE Test Practice Questions & Review for the American Council on Exercise Group Fitness Instructor Exam Principles of Program Design: Problem-Solving with JavaScript (Logic and Design) Geometry by Construction: Object Creation and Problem-solving in Euclidean and Non-Euclidean Geometries Edexcel A2 Chemistry Student Unit Guide (New Edition): Unit 5 Transition Metals and Organic Nitrogen Chemistry Mathcad: A Tool for Engineering Problem Solving + CD ROM to accompany Mathcad (Basic Engineering Series and Tools) BIM Education Program Unit 1 Participant's Manual BIM Education Program Unit 3 Participant's Manual Supervisor Training Program (STP) Unit 2 Participants Manual: Communication (AGC's Supervisory Training Program) A Unit of Water, a Unit of Time Problem Solving and Program Design in C (8th Edition) Problem Solving and Program Design in C (7th Edition) Problem Solving and Program Design in C Pilates and Bodyweight Exercises: 2-in-1 Fitness Box Set: Shred Fat, Look Great (Pilates Exercises, Bodyweight Exercises, Fitness Program, HIIT Program, ... Muscle Building, Lean Body, Total Fitness) The Lean Toolbox: The Essential Guide to Lean Transformation Critical Thinking: DontBeStupid.club Reveals 11

Principles for Problem Solving and Good Decision Making Lean in 15: 15-Minute Meals and Workouts to Keep You Lean and Healthy

[Dmca](#)