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Managing Variation for Injection Molding, 3rd Edition

By Jay W Carender

Createspace Independent Publishing Platform, United States, 2012. Paperback. Book Condition: New. 216 x 140 mm. Language: English . Brand New Book ***** Print on Demand *****.This book is written for green and black belt level personnel in the manufacturing industry. Most examples are directed toward injection molding of thermoplastic parts. This 3rd Edition includes several error corrections from original 2003 edition, more direction and discussion, and pages from the Basic Statistics and SPC book never published previously. Topics include: understand and quantify variation, understand sources of variation, detailed discussion of variable control charts, detailed discussion of attribute control charts, learn how to perform Gage RR MSE (measurement system evaluation), learn six sigma techniques, calculate Cpk, Ppk, understand Z-score math, calculate and perform correlation analysis, single multi regression analysis to create predictive equations, use predictive regression equations to nominalize or improve dimensions, DOEs, ANOVA, COV (components of variance) - how to quantify each, SQC, effective control charts, sub-grouping strategy, real time SPC, process mapping, process qualification validation, nominalization, create scorecards to track performance, and more. This 3rd Edition has been reformatted at 5.5 inches wide x 8.5 inches tall in 2012 for print sales.



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Reviews

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