Total Quality Process Control for Injection Molding, 2nd Edition
M. Joseph Gordon Jr.

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DESCRIPTION

The all-encompassing guide to total quality process control for injection molding

In the same simple, easy-to-understand language that marked the first edition, Total Quality Process Control for Injection Molding, Second Edition lays out a successful plan for producing superior plastic parts using high-quality controls. This updated edition is the first of its kind to zero in on every phase of the injection molding process, the most commonly used plastics manufacturing method, with an all-inclusive strategy for excellence. Beginning with sales and marketing, then moving forward to cover finance, purchasing, design, tooling, manufacturing, assembly, decorating, and shipping, the book thoroughly covers each stage to illustrate how elevated standards across individual departments relate to result in the creation of a top-notch product. This Second Edition:

• Details ways to improve plastic part design and quality

• Includes material and process control procedures to monitor quality through the entire manufacturing system
Offers detailed information on machinery and equipment and the implementation of quality assurance methods—content that is lacking in similar books

• Provides problem-analysis techniques and troubleshooting procedures

• Includes updates that cover Six Sigma, ISO 9000, and TS 16949, which are all critical for quality control; computer-guided process control techniques; and lean manufacturing methods

With proven ways to problem-solve, increase performance, and ensure customer satisfaction, this valuable guide offers the vital information today's managers need to plan and implement quality process control—and produce plastic parts that not only meet, but surpass expectations.

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💡 ABOUT THE AUTHOR

M. Joseph Gordon Jr. is a consultant in the quality/process control and plastics field. He has over thirty-five years’ experience in quality assurance, process control, and program management with experience in establishing and maintaining an ISO 9001, ISO 14001, and/or QS-9000/TS 16949 Quality System, Lean Manufacture, and Six Sigma business and manufacturing systems. Mr. Gordon has worked closely with Chrysler, Ford, and General Motors; CTS Reeves (frequency oscillators); and Lockheed Martin and their supplier network requiring tight tolerance products in a variety of materials.

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