

Analysis and Control of Variation: Using Process Control to Reduce Variability: Comparison of Engineering Process Control with Statistical Process Control



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Introduction When I first joined the ranks of employed engineers (back in the early 80s), I worked in a technical services organization where part of my job responsibilities was to use process control to improve the performance of the manufacturing processes at the site. My job was to find out from the chemists and other engineers what the perfect process should look like and then, as Captain Picard of the USS Enterprise would say, "make it so". I remember one day sitting down with a chemist and asking her what was important about this part of the process. Her response was that the temperature...

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