

An Intro to Quality Systems

Quality systems are a diverse system of tools used in all industry types to control their product and services. As engineers and scientists entering the workplace, we are often at a disadvantage in our exposure to quality systems. This lack of exposure can have real consequences in obtaining work and being successful in your career path.

In addition, as entrepreneurs, we need to know and understand quality systems to ensure the success of our new businesses. Many potential customers will not conduct business with you if you lack the fundamentals of quality control system and many more will require your quality systems be certified by a third party. Starting a company with the correct quality mindset and toolkit can save your company valuable time and money in the long run.

In this talk, I will review the fundamentals associated with quality systems and touch on some key topics that are popular in current industry practices that will help you in your future endeavors.

Bio

Christopher Manspeaker

Chris Manspeaker is an 18 year veteran of high volume manufacturing in the semiconductor industry. He has worked several green field startups of manufacturing plants on both coasts and has lived and worked abroad in Germany. He has designed semiconductor process equipment, worked as a process and equipment engineer on implant and CVD toolsets.

He has worked at 150mm, 200mm and 300mm wafer fabs and is currently producing the latest finFETS at the 14nm process node. He currently works as a senior engineer at Samsung in Austin. He has worked for many large international companies and in each one, knowledge of SPC and quality systems is a fundamental job task.

Mr. Manspeaker holds undergraduate and graduate degrees in chemical engineering, has earned a MBA in global business and is currently a six sigma black belt. He is currently pursuing his doctorate at Texas State University in Material Science, Engineering and Commercialization.

In his spare time, Mr. Manspeaker likes to escape Texas to find mountains, raging rivers and wilderness.