



**4 BENEFITS OF SIX SIGMA IN  
INSTRUMENTATION & CONTROL**

## **Engineering manufactures, Six sigma validates!**

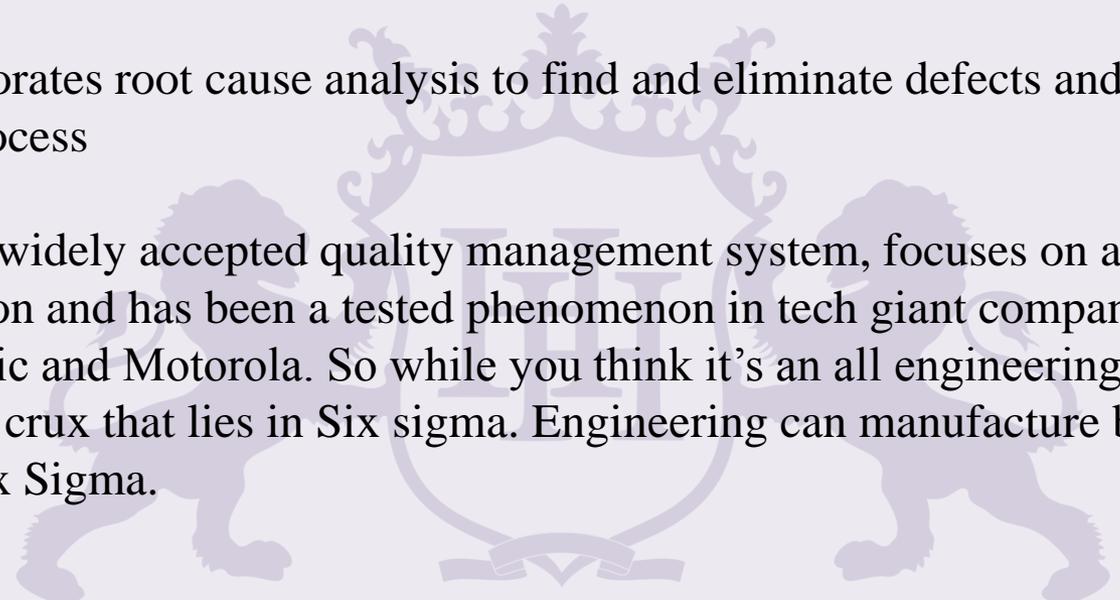
Instrumentation and control, it's a completely core branch. No need of the managerial concepts like Six sigma. Just when you think that, you make yourself fall behind. It's not a failure just in terms of monetary losses but rather a failure of lifetime! While you ignore Six sigma, you actually ignore the analytical skills of yours. Since Six sigma is not a concept, it's a revolution that can turn your industry upside down.

Instrumentation and control is all about making and analyzing the manufacturing of the machinery properly in order to ensure maximum efficiency with matching quality standards. Quality and six sigma go hand in hand. While determining the quality of instruments manufactured you examine a lot of aspects like shape, size etc. now how does Six sigma helps

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- It is a metric that quantifies the performance of processes as a rate of defects per million opportunities. (DPM or DPMO)
- It encompasses robust techniques like define-measure-analyze-improve-control (DMAIC)
- It incorporates root cause analysis to find and eliminate defects and variation within a process

Six sigma is a widely accepted quality management system, focuses on achieving 100% perfection and has been a tested phenomenon in tech giant companies like General Electric and Motorola. So while you think it's an all engineering task then you ignore the crux that lies in Six sigma. Engineering can manufacture but quality comes with Six Sigma.



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# STILL HAVE DOUBTS ?

Not sure how Six Sigma Certification can benefit you ?

Get FREE Counselling from Experts of Henry Harvin Education

 <a href="http://henryharvin.com">henryharvin.com</a>	 +91 9015266266
 <a href="mailto:info@henryharvin.com">info@henryharvin.com</a>	 +91 9599914134

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