

3rd International Summit on **GMP, GCP & Quality Control** September 25-26, 2014 Valencia Convention Centre, Spain

Quality control and lean management: A holistic concept of building quality and cost reduction in a manufacturing enterprise

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Quality control is all about ensuring sustaining and maintaining organisational effectiveness. This will mainly focus on managing, operation and investment across organisation 'rating and integrating customer service, production, delivery, information and investment across organizations value groups. QC&LM refers to holistic approach towards product development and process improvement, the concept has been an engineering management approach to assist manufacturing sector to move towards a scientific, risk based, holistic and proactive approach for product introduction and process improvement. Understanding this paradigm and its implementation produces good product quality, maximizing production yield s and reducing manufacturing cost. Medical device industry faces unprecedented forms of trials ranging from high quality product, product customization, tough regulatory requirement which drives product and process complexity. This concept has become no option for competitiveness, it has received a great deal from common approach which was inordinately factual into a modern, scientific and risk based manufacturing quality, cost and delivery assessment. Its implementation will revolutionarise manufacturing sector from a struggling enterprise to a giant and competitive company.

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