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IQPM news

- Second issue of Quality Magazine, a joint initiative between Kotalawala Defense University (KDU) and IQPM launched during the month of January 2024 (link for the e-version of the magazine: <https://kdu.ac.lk/e-book-reader/index.php?book=quality-magazine-vol-2-issue-1-january-2024-1>)
- Next Annual General Meeting of IQPM is scheduled to be held on 14th March 2024, followed by a seminar and a dinner. We cordially invite all interested parties to join us on this occasion.
- Results of the Children's poster competition conducted by IQPM on the topic of "Quality & Productivity starts with you" was finalised by an expert panel of assessors, and the awards ceremony to be conducted in the near future.
- A seminar on the topic of "Road productivity" in collaboration with OPA Sri Lanka is scheduled to be held at OPA Sri Lanka Auditorium in Colombo 07, during the first week of April 2024, and the details will be shared in due course.
- IQPM monthly meetup, a forum in place for members, professionals, students, and other enthusiasts for networking with each other and share knowledge and experience, was held on 22nd January 2024

Editor's Note

Welcome to the second issue of Institute of Quality and Productivity Management's, monthly e-publication.

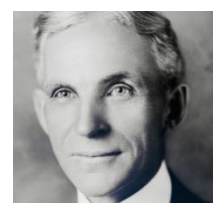
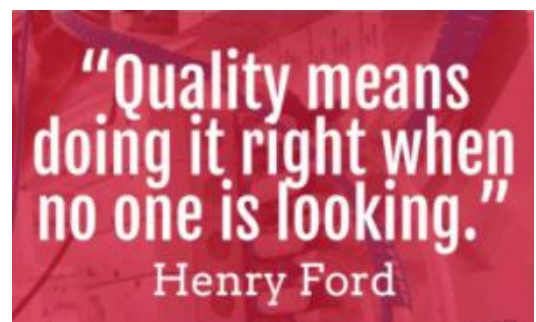
The Institute of Quality & Productivity Management (IQPM), stands to be the apex professional body in the country in the fields of Quality and Productivity, with the objective of motivating and assisting the industry as well as academia to enhance Productivity and ensure Quality of products and services through effective management of organisations.

This newsletter primarily exists for the purpose of creating a platform for sharing knowledge and news related to Quality & Productivity community across the world.

Therefore, we invite all interested parties to partner with us, by contributing to this newsletter, and supporting in numerous ways to uplift Quality & Productivity in the society.

Articles can be sent via email to samadiw@live.com by 10th day of every month, for inclusion in upcoming issues of the newsletter, and IQPM can be reached via visiting its offices located at 1st Floor, 275/75, Organisation of Professional Associations, Prof. Stanley Wijesundara Mawatha, Colombo 07, Sri Lanka.

Dr Samadi Withanage
Editor - IQPM Newsletter



Quality news

Apple halts iOS 18 development for quality improvements

<https://readwrite.com/apple-halts-ios-18-development-for-quality-improvements/>

Turkey: Use of technology increases productivity and quality in agriculture

<https://www.hortidaily.com/article/9569616/turkey-use-of-technology-increases-productivity-and-quality-in-agriculture/>

Unleashing developer productivity with generative AI

<https://www.mckinsey.com/capabilities/mckinsey-digital/our-insights/unleashing-developer-productivity-with-generative-ai>

Improve Quality & Productivity with Advanced Screw Design

<https://www.ptonline.com/articles/improve-quality-productivity-with-advanced-screw-design>

Boeing 'shadow factories' for aircraft rework

by Samadi Withanage

Within Boeing's facilities, teams of engineers labour away, working not on building new aircraft but instead on fixing problems with already-built inventory. Boeing executives have begun referring to these activities with a common phrase - the 'shadow factory'.



Shadow factories exist for both the 787 and the 737 lines, tackling faults found in finished aircraft. These have included shimming issues, fuselage problems, improperly drilled holes and more. While the 737 MAX line could be some time before reworks are completed, there's a light at the end of the tunnel for the Dreamliner.

Boeing's Chief Financial Officer (CFO) Brian West believes the company is getting close to a stage where it can close its 787 shadow factory, repointing that labor at new production to the benefit of the company.

Having to spend time reworking aircraft that should be leaving the factory for customers is damaging to Boeing's bottom line. Indeed, aircraft often spend longer in the shadow factory than they do on the main production line.

Avoid even simple errors: recipe for healthy businesses

by Linton Fernando



Did you know that a single error in quality management may send a company into a financial and reputational black hole? Consider the recent Boeing 737 Max quality control fiasco as one example. The difficulties facing the aerospace behemoth this quarter have brought to light an unpleasant reality in the business sector. Thus, quality management is essential to contemporary businesses.

Key Takeaways

Prioritization of Quality Management Systems (QMS): Boeing's move to revamp its QMS underscores the critical importance that quality management is foundational to maintaining a company's reputation and ensuring product safety.

The Quality Control Pioneers: The integration of AI into quality assurance processes across various industries highlights a growing trend. This approach streamlines quality control and also predicts potential issues.

Quality Management as a Competitive Advantage: The emphasis on quality management is turning into an industry-wide competition. Companies are recognizing the value of robust QMS and are actively seeking personnel with the expertise.

Mixed Sentiments: While there is enthusiasm for the potential of AI to revolutionize quality control, incidents like Boeing's serve as a cautionary tale about the consequences of neglecting quality management.

Urgent Need for Adaptation and Investment: The recent developments serve as a wake-up call for businesses to adapt by investing in modern QMS solutions and leveraging technology like AI to enhance quality control processes.

Source: <https://www.startus-insights.com/innovators-guide/quality-management-news-brief>

