

The Development and Improvement of Integrated Management Systems by IRIS Standard Implementation and Certification in Railway Organizations – Need and Features

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Abstract

Starting from a QMS (Quality Management System), the management system can be developed and improved by successive integration of various management systems, such as the environment, OH&S, information security, social responsibility management, and so on. Thus, the process map is developing and expanding with new added processes. And IMS (Integrated Management System) improves its performance by introducing new targets and KPI's (Key Performance Indicator). The paper identifies ways to develop and improve an IMS(or QMS), by implementing IRIS (International Railway Industry Standard) requirements in a railway industry organization, comparing the requirements of ISO 9001 and IRIS, in the IMS requirements assemblies, bringing a new vision about the interaction of management systems within the integrated system. There are taken into account the ISO 9004's requirements as a link between ISO 9001 and IRIS.

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