



A good system is one you can rely on

A good system is not just one that does what it's supposed to. A good system is one you can rely on. RAMSHE enables managers and builders to maintain control over performance. RAMSHE stands for Reliability, Availability, Maintainability, Safety, Health and Environment. Together, these factors enable you to see how a system is performing. Making all these factors explicit, and rendering them quantifiable where necessary, enables you to choose which measures to take and to predict their impact on system performance. Taking this approach right from the design stage results in optimum design and enables the system manager to operate the system in accordance with requirements. Movares has considerable experience with application of European standard EN50126 (Railway applications –The specification and demonstration of Reliability, Availability, Maintainability and Safety) and the analysis and demonstration of the safety level achieved, in accordance with CSM REA. This approach guarantees that the design has been developed and produced in the correct manner. Furthermore, it is possible to demonstrate that the functional requirements have been formulated in such a way that they can be fulfilled.

Purpose and function at the core

A RAMSHE analysis is based on the purpose that the system is supposed to achieve. In order to obtain maximum performance from a system, it is necessary to have an overview of its entire life cycle. Design decisions and implementation will play a key role in this. The RAMSHE approach makes it possible to make correct, soundly-based choices in an explicit fashion.

Movares' 30 RAMSHE specialists have over 20 years' experience with every step of the V model (the life-cycle model), including RAMSHE management, specializing in rail, waterway and road infrastructure. This gives them a comprehensive understanding of the different components and life-cycle phases. Movares is in a position to develop and implement new and unconventional measures.

giving shape to mobility