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Ge, Jingrui; Hansen, Kasper Barslund; Mortensen, Niels Henrik; Sigsgaard, Kristoffer Vandrup; Agergaard, Julie Krogh

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Structured performance evaluation of maintenance

Selecting the right focus and scope for improvement areas

Jingrui Ge, Kasper Barslund Hansen, Niels Henrik Mortensen, Kristoffer Vandrup Sigsgaard, Julie Krogh Agergaard

Evaluation of maintenance performance has great importance for maintenance management. This project aims to develop a structured maintenance evaluation framework in order to support identification and reduction of non-value-adding elements in maintenance. The first part of framework provides rapid diagnostics for maintenance performance on overall level, enabling fast overview on key performance results for all equipment groups. For groups with undesired overall performance, the second part of framework provides in-depth diagnostics for different evaluation aspects under each maintenance process. The framework provides an approach to form case-specific performance indicators by establishing links between evaluation aspects and available data, making it possible to be applied without requiring specific data fields. The structured performance evaluation framework will support the decision-making process for future maintenance improvement.