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Application of data reconciliation in accordance with VDI 2048

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Preface

Data reconciliation is frequently discussed in connection with IT systems for optimization of technical processes in industry.

Data reconciliation as set out in VDI 2048 is indeed an interesting and technically complex process with which the quality of the operational process data and the indicators based on those data can be significantly improved.

The technical and organizational conditions to be fulfilled in the implementation of this process are however less familiar. Publications on practical experience have to date been rare, mainly originating from the manufacturers of the relevant software tools.

This VGB Standard is intended to fill that gap. Its purpose is in particular to present and explain the method of data reconciliation to the plant operators as a modern, proven opportunity to improve operational processes.

This recommendation does not devote attention to the complex mathematical relationships involved, as these are described in VDI 2048.

At the suggestion of VDI and following several meetings of specialists, a joint team comprising representatives of VDI and members of the VGB Working Panel on Acceptance and Control Tests was formed and took on the work of drafting this standard. VGB wishes to thank the companies involved in its compilation and the staff delegated to perform that work.

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