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Viktig information

Vi har uppdaterat den visuella utformningen på denna standard för att harmonisera med vår grafiska profil.

Utgåvans nummer har inte ändrats och innehållet är detsamma som tidigare med reservation för korrigeringar av eventuella stavfel. Standarden har ny logotyp och nytt typsnitt.

Important information

The visual design is updated for this standard to harmonize with our graphical profile.

The edition number has not been changed and the content is the same as before with reservations for any spelling corrections. This standard has a new logo and new font.



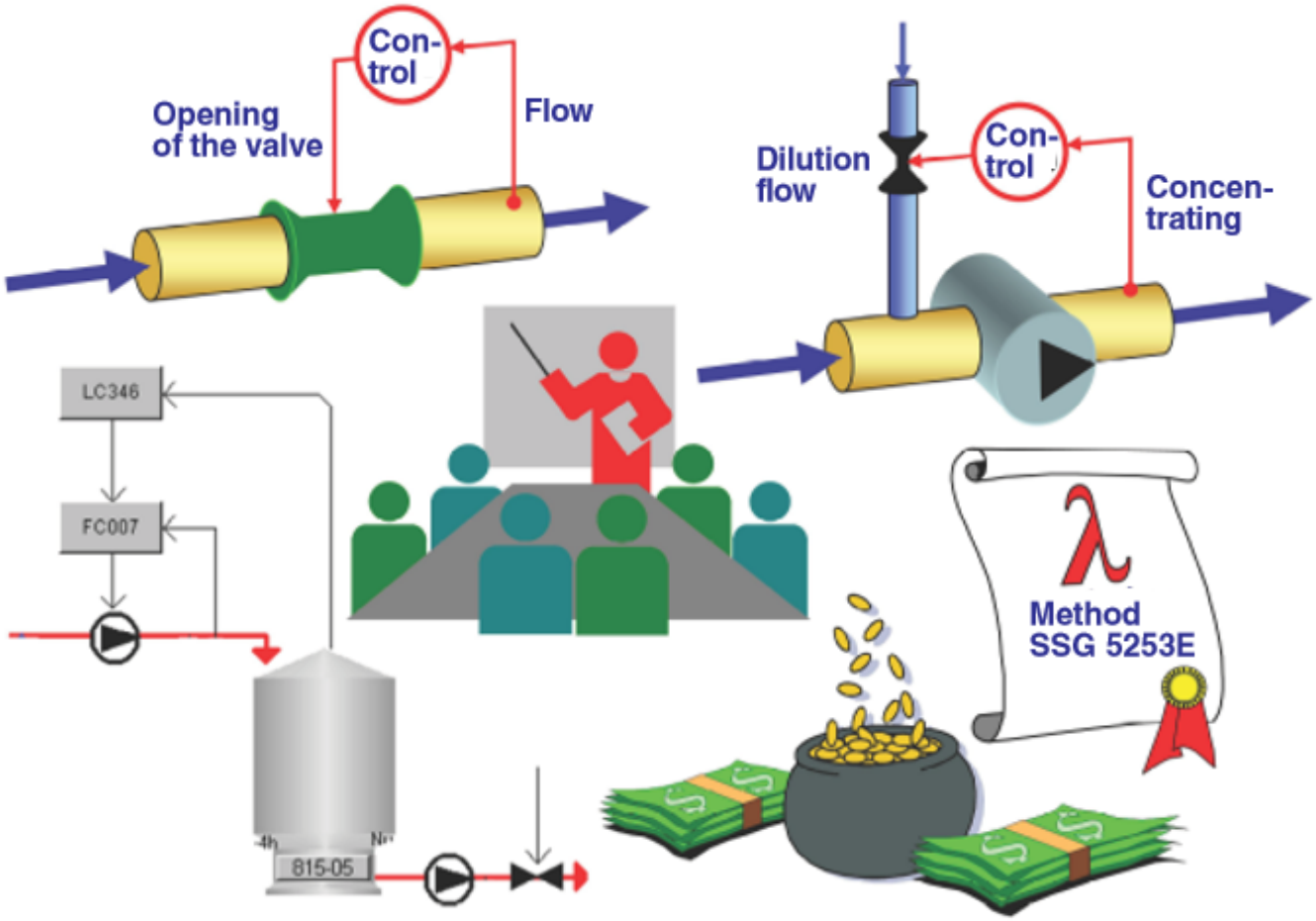
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STANDARD SOLUTIONS GROUP

SSG 5253E

Control tuning



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Control tuning

Information within brackets ([...]) in this document refers to local regulations.

General

This edition differs from edition 2 mainly as a result of the development which has taken place in the field and the experience from the application of the previous edition.

These instructions give advice and guidelines for planning, performance and monitoring in conjunction with the tuning of control equipment. The instructions make no claim to be complete or exhaustive, but are nevertheless considered to provide a valuable tool for control engineers.

When a control loop or control loops are optimized, a check should at all times be made to ensure that conditions are right and that they can be achieved. Owing to changes in the process, modifications, etc, conditions may have radically altered since the control loop was originally implemented. It is also possible that the loop has never worked in the intended manner.

It is very likely that many sections of the process require better control solutions. Relocation of valves or transmitters may in some cases be necessary. It is also possible that the process must be controlled by another process variable. Improvements/modifications to the control strategy can in most cases also be effected easily in process sections equipped with control systems.

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Appendix 1: - ”Tuning sheet for self regulating processes with Lambda method Example”
Appendix 2: - ”Tuning data for self regulating processes with Lambda method Example”

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