

## **PID fleet KPIs**

### **Task:**

In a continuous production plant, there are many PID controllers. The students should investigate various KPIs that can be used for overlooking the PID fleet. As an inspiration, the master thesis "KPIs for Asset Management: A Pump Case Study (Chapter 6.3)" can be used, which presents ideas for Pump fleet KPIs. The KPI definitions should be presented in the same way as the KPIs are presented in the ISO 22400-2 standard (table structure).

In addition, an interview with Mr Forsman from Perstorp AB, a Swedish company for Specialty Chemicals, should be made. The purpose of the interview is to get an understanding of the importance of using PID Fleet KPIs as well as get examples of suitable ones.

If there is time, the "OEE-ish" KPI used at Perstorp AB should be presented.

### **Documents available:**

- Master thesis "KPIs for Asset Management: A Pump Case Study (Chapter 6.3)", by Matthieu Lucke
- ISO 22400-2

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