Contribution ID: **70**   Type: **Software programming (Java, 3D modelling, LabView, SCADA WinCC etc.)**

Upgrade of the MPD/TOF Test Stand Gas System and Control Software

During my practice I was developing the gas system for MPD/TOF test stand, and it's control software. I've modified some elements in the gas instalation. In order to provide proper functioning of the devices they needed PID controllers. To choose proper settings of the PID controllers I've used the Ziegler-Nichols method. Conducted software tests turned positive. System works properly and can be further developed.

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