

Steam Flow Meter Calibration

Project Overview

To automatically calibrate steam flow meters with water. To achieve a steady water flow rate the system has to control several in-line pumps and control valves and directing the water down particular flow lines depending upon the flow range required.

Flow rates are measured both volumetrically and gravimetrically and corrections carried out for ambient conditions.

The control system has a fully interactive HMI and with water flow rates as high as 23000l/m and subsequent pressures produced the control circuits and software have been designed with an emphasis on the safety.

