14.2.9 Control (0.5 page)

The control system of CO$_2$ detector cooling plants and its associated distribution will be based on industrial programmable logic controllers (PLCs) of Siemens or Schneider and Siemens WinCC OA as Supervisory Control and Data Acquisition (SCADA) to comply with CERN and ATLAS standards [8]. Both PLCs and SCADA will conform to the latest version of Unified Industrial Control System (UNICOS) Continuous Process Control (CPC) framework of CERN. The UNICOS framework deals with the two upper layers of a classical control system: Supervision and Control employing the terminology and models of the ISA-88 standard for batch control system.