

ABSTRACT

Automation technology has been widely applied in the industrial world nowadays. Automation technology can improve accuracy, precision and productivity of an industrial process that characterized by an increase in number and quality of system output. However, before applying this technology, it takes a careful planning and design to avoid redesign of the system, because automation technology require a large investment cost. User requirements spesifications is used to show the whole picture about the desired automation system in planning and design stages. There are several section in the User Requirement Spesification, such as Process Description, Process and Instrumentation Diagram, and Control Philosophy. With the formulation of User Requirements Specification hopefully can be a reference in the planning, design and and implementation of automation systems.

Keywords : URS, Process Description, Process and Instrumentation Diagram, Control Philosophy