

Annotation

In this thesis, a scheme for controlling the humidity level of a production room based on the Owen trm1 controller is being developed. This system constantly monitors the humidity level of the production room and, if necessary, will increase the room humidity using a high-pressure pump, which sprays water with fine particles thanks to nozzles. When sprayed, water evaporates and due to this physical phenomenon, the humidity of the room rises to the required level.