

SUMMARY

The MSc thesis contains 129 pages, including 6 main parts, 67 figures, 42 sources of used literature and 6 letters of graphic part in A1 format.

The purpose of the master's thesis is to develop a system for automation of the process of manufacturing polymer threads using the software Vijeo Citect SCADA. The object of the research of master's work is automation of the process of making a polymer thread using the SCADA system.

The subject of the study is the automated process of manufacturing polymer threads. In the work systematized knowledge of the development of the automation system of the technological process using the SCADA system. The study of the control system of pressure was carried out. The parameters necessary for the automation of devices and elements are determined.

HMI, SCADA, EXTRUDER, FREQUENCY CONTROL, POLYMER NECK, 3D
PRINTER

					141.3222.014MД			
	Letter	№ of doc.	Sign.					
Devel.	V. Yuskiv			<i>Automation of the process of manufacturing a polymer thread using SCADA systems Summary</i>	L.	Page	Pages	
Checked	O. Khalimovsky				5		129	
N. Contr.					«KPI» Department. AEMS-ED			
Approved.	S Peresada				Gr. EP -71mp			