

SUMMARY

The master's thesis on the topic: "Remote monitoring and automation of cement production line" includes 103 pages, 48 figures, 15 tables, 31 sources of used literature, 6 drawings in A1 format.

The object of research in this master's thesis is technological processes of cement production and electromechanical processes of energy conversion in electric drive. The purpose of master's thesis is to design an automation and remote monitoring system for a cement mix production line. The relevance of this project is to increase the productivity of cement production and to improve the technical and economic performance of the conveyor drive.

Calculations and realization of this master's thesis was ensured through the use of the following programs: MATLAB, MicrosoftOfficeWord, Compass, MathType, ISPSOft, Node Red, MathCad.

BELT CONVEYOR, ASYNCHRONOUS MOTOR, ELECTRIC DRIVE,
FREQUENCY CONVERTER, DYNAMIC MODEL, DEVELOPMENT,
RESEARCH, AUTOMATION, VISUALIZATION

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Зм.	Арк.	№ Докум.	Підпис	Дата	Remote monitoring and automation of cement production line Summary	Літ.	Аркуш	Аркушів
Розробив		Семенов О.І.					5	103
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