

Ford Romania Internship Program

Project Work Plan



Project Name:	Automatic control of destratification fans	Supervisor Name:	Stefan Buzata
Department Name:	PTO Plant Engineering	Supervisor CDSID:	sbuzata
Domain of Project:	Industrial Automation	Supervisor Position#:	Manager

Project Description

In PTO was installed 44 destratifications fans in order to save the heat placed at higher layers (close to the roof). These fans are manual controlled from a panel.
The aims of the project is to design and install an automatic control of fans rotation speed according difference of layers temperature

Measurable Objectives

Facility operation time reduction
Destratification fans increase efficiency of power consumption.
Maintenance cost reduction

Expected Major Contributions

A study of the efficiency of destratification fans and finding ways to grow it.
Designing and implementing a rotating speed adjustment system based on temperature difference between layers

Expected Benefits to Intern

To get familiar with real automatic control system
To get familiar with variable speed drive technology

Intern Qualifications (schooling, work experience, major)

:Electric Engineering
- Measuring devices.
- Technical drawing