

Ford Romania Intern Program Internship Workplan



Project Name:	Variable speed drive controls at system pumps	Supervisor Name:	Stefan Buzata
Department Name:	PTO / Plant Engineering	Supervisor CDSID:	sbuzata
Assignment Location:	CEPRo	Supervisor Position#:	Team Manager
Project Description			

Electric energy reduction by implementing variable speed drive controls at system pumps

Measurable Objectives

Electric energy consumption reduction at system pumps
Increase MTBF (Main time between failing)
Decrease maintenance cost

Expected Major Contributions

A deep feasibility study of applying this technology
Develop a general diagram with main inputs and outputs.

Expected Benefits to Intern

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

Intern Qualifications (schooling, work experience, major)

Automation Engineering:
- Measuring devices.
- Technical drawing