

Ford Romania Intern Program Internship Workplan



Project Name:	MGR carts collector transport and cross the path redesign	Supervisor Name:	Daniel Iova
Department Name:	TC & FINAL	Supervisor CDSID:	diova
Assignment Location:	MGR	Supervisor Position#:	SENG.

Project Description

The most of accidental stoppages at MGR line are caused by carts collector mechanical blockage. The collector's transport and cross the path are ensured with a system composed of greaseless bearings spatially disposed, but the system has a high percent of vulnerability during functioning time. Taking into consideration that after this kind of stops there are necessary a too long time for line restarting so, the scope of the project is to decrease the number of stoppages due collector mechanical blockage.

Measurable Objectives

- Reduce maintenance costs.
- Reduce production looseness..
- Eliminate all safety risks due carts movement in manually mode to eliminate the appeared issue.

Expected Major Contributions

- Study of collector's behavior on underground path.
- Redesign of collector's transport and cross the path system.

Expected Benefits to Intern

- To get familiar with engine and exhaust assembly process
- To get familiar with brushes collector system heavy transportation
- To get familiar with data analyze and implement their

Intern Qualifications (schooling, work experience, major)

Mechanical and Electro-Mechanical Engineering:

- Measuring devices.
- Technical drawing
- 3D design