

# Ford Romania Intern Program Internship Workplan



|                             |  |                              |                         |
|-----------------------------|--|------------------------------|-------------------------|
| <b>Function Name:</b>       | Auto clean system conveyor rails - EMS | <b>Supervisor Name:</b>      | C.Stanculescu           |
| <b>Department Name:</b>     | Maintenance                            | <b>Supervisor CDSID:</b>     | cstancul                |
| <b>Assignment Location:</b> | Body Shop                              | <b>Supervisor Position#:</b> | Maintenance Senior Eng. |
| <b>Project Description</b>  |  |                              |                         |

EMS conveyor system run carrier reading bar code label which are stick on rail. Because in Body Shop there are dust, is risk that labels to be cover with dust and reader device can't read carrier position and PLC generate o fault. It is necessary to clean periodically whole conveyor rails. The total length is about 3Km. We spend much time for cleaning those rails. We need 60 hours to clean manually all rails.  
In order to reduce manual labour, we like to implement auto clean system conveyor rail

Project name: Auto clean system conveyor rails - EMS

### Measurable Objectives

Decrease manual labour for PM.  
Improve MTBF.  
Easy to clean.

### Expected Major Contributions

Decrease risk of accident.

### Expected Benefits to Intern

Decrease fault conveyor because cover position labels with dust.

### Intern Qualifications (schooling, work experience, major)

- Technical knowledge
- Vision of future processes