Ford Romania Intern Program
Internship Workplan

Function Name:	PTM	**Supervisor Name:**	Sergi Hervas
Department Name:	Assembly PTO	**Supervisor CDSID:**	shervas
Assignment Location:	Craiova	**Supervisor Position#:**	Assy PTM

Project Description

Generate a document with all traceability information for the 3's (Crank, Block, Cylinder head) during different part of the process, engines Fox and Sigma, and all other supplier used in Craiova Engine Plant who contain traceability information, starting for all which contain Bar Code and 2D matrix, but not only.

Select the parts who should be introduced the traceability data in Qualilty Worx, a part of the current ones.

Measurable Objectives

- List of all internal and external suppliers with any kind of traceability data on the part.
- Select the most important suppliers who should be included in the QLS-CM Traceability data base.
- Include a visual aid with all traceability data for the selected Suppliers and engines.

Expected Major Contributions

- Support the team in improving FTT and Delivery due to fast and easy investigation of the non-conformities due to suppliers.
- Come with "fresh eyes" and new ideas.

Expected Benefits to Intern

- Get knowledge production environment, quality systems and procedures used in automotive companies.
- Cross functional exposure to a wide variety of manufacturing and business related activities.
- Be a part of a Global team working on cross functional activities and interactions.

Intern Qualifications (schooling, work experience, major)

- Must be studying for Engineering related degree.
- Good English and MS Office skills required.
- Demonstrate ability to work with others in a team environment.
- Good problem solving skills & self-motivated.

Acronyms

FTT, First Time Thru, it is a measure of quality, it is measured in % and represent how many percentage of engines has been assembled without any issue/problem during the full assembly process. Per instance 97% of 1000 engines means that 970 engines have been assembled without any issue during the whole assembly process.

Quality Worx is a quality data base where all quality results/values for every engine are stored. Leak Test results, curves, values; Nutrunner results, torques, angles, etc; electric tests, etc.

QLS-CM is a quality data base where all processes result are stored, only if the machine has worked and the result was OK, NOK or bypassed, when, how many times and all traceability data for some of the parts used in the engine are stored, as per instance, block, crank, cylinder head, fuel rail, turbo, harness, and others.