



Graduate Programme **Task Breakdown**

From: Tony Gilbody
To: Nish Bajaria

Objective

The objective of your graduate project is to provide Essity Manchester with an electronic visual quality control solution to completely mitigate the risk of defect packaged product reaching our customers. This project is to be based on UK2 packloop TMC Universa wrapping machines and initially delivered up to the theoretical installation phase.

Scope

You will need to understand all aspects of Essity Manchester's quality processes and customer complaints to understand the losses that you will be targeting.

Specifically, you will be basing your project on the installation of a camera system that will instantly detect defects on any package that exits the TMC Universa wrappers on UK2. On identifying a defect product, the system will automatically reject the substandard item. If there is continuous flow of defect packages, then the equipment will need to stop and raise an alarm for operator intervention. You will be responsible for the whole project package including research, equipment spec, affordability, integration and harmonisation into existing equipment software, time scales, installation plans, operator training and system maintenance plans.

You will work with own initiative to utilise resources within the company and externally to ensure your project is a success.

Essity Manchester Resources:

People

- | | |
|--------------------------|---|
| • Jim Johnston- | Quality Dept (deals with consumer complaints etc) |
| • Ian Wilkinson- | Environmental leader |
| • Jo Pybus- | Quality ambition manager |
| • Gary Downes - | Safety Leader |
| • Allan Hughes- | Converting Ops manager |
| • Tony Gilbody- | RST OPS leader |
| • Dave Anderson- | UK2 Packaging RST |
| • Danny Seacombe- | UK2 Electrical RST |
| • Team Leaders- | N Ogden, S. Hogg, J.Fernley, A.Webb, T.Rogers |
| • Victor Najera-Herrera- | Site Controller |
| • Ashleigh Jeffers- | Purchasing |

Documentation:

- Run-to-Standard(R2S) / Technical Data Base / SWI/ Babylon

Systems

- Scorecards (machine efficiency report)
- Production plan
- Proficy (quality check data base)
- Shift logbook
- Daily Direction Setting Meeting (DDS)