

## Key Role Statement

Job Title:	NPD Engineer (New Product Development)
Responsible to:	Engineering & Technical Manager (UK Plastics)
Responsible for:	New Product Design and Development
Direct Reports:	-None-

**Role Purpose:**

To effectively create new and exciting commercial and manufacturing New Product Developments in line with customer requirements. Through technical input into product design and identifying improvement opportunities. To play a key role in the implementation of NPD working in conjunction with Design, Technical and Tooling departments.

**Key Tasks:**

1. Ensure new concepts can be manufactured cost effectively with minimal life-time cost through 3D designs / concepts / models, design presentations and Engineering drawings.
2. Support the Sales and Commercial Team in technical discussions with customers.
3. Prepare technical specifications for both Tool Design and Production.
4. Ensure all critical performance characteristics have been identified and agreed with the customer prior to a project start up.
5. Ensure the customer signs to confirm specification and part drawings before tooling is commissioned.
6. Manage tool makers cost and timetable to within budget and on time.
7. Carefully monitor and control external tool making costs.
8. Ensure that mould designs meet our standard requirements and specification.
9. Audit and validate potential new tool making suppliers
10. Validate and sign GA drawings in conjunction with the broader technical team
11. Carry out full validation on new and modified tooling and implement into production ensuring all necessary staff are adequately trained.
12. Prepare and manage a detailed project plan for each new project. Ensure we have a customer agreed timeline.
13. Communicate project status at each monthly NPD meeting.
14. Co-ordinate line trials and ensure all samples are validated prior to sending to the customer.
15. Ensure we have signed customer approved samples held with QC department prior to the start of production.
16. Assist the Engineering & Technical Manager in establishing and maintaining a proactive tool maintenance program.  
Assist the manufacturing team at both UK sites to identify tooling performance improvements.
17. Carry out any other reasonable tasks that you may be asked to perform to assist continuous improvement in the business.
18. Liaise with the Robinson Quality Team to ensure all designs are produced to scope and any manufacturing defects are identified and remedied in a timely manner.

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19. Communication with personnel from customers / prospects to provide support and advice as required.
20. To attend relevant meetings at Robinson sites and / or customer premises as required.
21. To attend design brainstorming meetings in line with Commercial plan objectives.
22. Liaise with designated toolmakers as necessary, to ensure accurate interpretation of designs.

### Objective Performance measures

Areas	Indicators
Adherence to plan	Time plan Gantt chart
Cost control	Adherence to budget
Performance	Adherence to specification Adherence to planned output
Customer satisfaction	Positive customer feed back Quality complaints