

Job Description

Job Title: Senior Product Engineer	Division: Currency
Reporting to: New Product Introduction Manager	Function: Product
Location: Westhoughton	Job Grade: D11
Travel: Some	

1. ROLE PURPOSE AND SUMMARY

The function of the Senior Product Engineer, within the New Product Introduction team is to:

- Build, manage and continuously improve an effective framework that enables the introduction of new designs, security features and product improvements at the correct Quality, Cost and Delivery standards:
 - Utilise Value Analysis & Value Engineering (VAVE) tools, methodology and techniques to help design out cost from product development through to manufacture
 - Utilise Advanced Product Quality Planning (APQP) tools, methodology and techniques to introduce new product developments, modifications and designs in a controlled manner via best practice Risk Mitigation
 - Deliver highly complex, cross functional projects across varied technical disciplines against challenging timelines.
- Link Design and Product to Manufacturing via a continuous feedback loop, whereby product performance is predicted, then followed and measured against actual performance, capturing lessons learned live and refining our approach via data analysis.

2. DIMENSIONS AND REPORTING LINES (number of reports and financial values)

No direct reports

3. KEY ACCOUNTABILITIES

Individual

- Lead New Product Introduction (NPI) projects from a Manufacturing and Technical perspective as the 'voice of manufacturing', working with the Security Features Development team to seamlessly transition new products from development to production
- Lead Value Analysis & Value Engineering (VAVE) projects, comprising cross functional teams from across the business
- Lead Risk Mitigation projects which seek to move us beyond a handover-based process to a phased transition process, whereby ownership is transferred in a gradual process, with risk diminishing over time and risks tracked in one straight line from inception to launch
- Attend new design/feature/high risk launches in manufacturing facilities to capture lessons learned live and feedback into Continuous Improvement cycles
- Capture and analyse data to provide insight for the live FMEA documents in both development and design, feeding into design rules via creation of new ones, or hypothesis testing on old ones and/or updates
- Form cross functional teams to resolve issues with materials and specifications that are directly impacting production performance and/or quality, using structured problem-solving tools

Divisional Currency

- Support the Divisional leadership team, executing the strategy for Currency in terms of the Central Bank and Security Features/Polymer propositions
- Provide subject matter expertise to support effective decision making and to provide input as required to the annual strategic planning cycle
- Support and follow the governance and operational disciplines applicable across the division

Common to all roles

- To ensure full participation in the performance development review (PDR) process and maintain an up-to-date record of all training and development activities/programs
- To always act and behave in a way compliant with all De La Rue company guidelines and policies, especially those relating to values and behaviours, environmental health and safety, ethics and codes of conduct, as it is through living our values that we strengthen the culture of our business and demonstrate our understanding of our Code of Business Principles. Further information on our company values can be found in our "Living the Values" guidelines.

4. CAPABILITY (qualifications, experience and skills)

- Experience within any background such as continuous improvement, materials development, process or quality engineering disciplines, preferably leading projects and involved in NPI /APQP
- Knowledge and experience of using Lean/Six Sigma tools, Green Belt minimum (preferred)
- Must be able to work collaboratively across the currency teams in order to deliver banknotes on time and to the right quality standard
- Familiarity with manufacturing processes
- Familiarity with printing production processes and design methodology a bonus
- Able to work comfortably in complicated or novel situations and performs well under pressure.
- High levels of diligence and attention to detail required
- Demonstrates strong communications skills and able to work well with other areas of the business to understand and assist in technical problems solving
- Can work proactively and independently on problems and deliver the results clearly to interested parties
- Demonstrated excellent communication skills (written and verbal, informal and formal)
- Ability to travel and work away from home for short periods of time

	Name	Signature	Date
Job Holder			