CCL

Job Description	**Revision: 001**	**Effective Date: 2016.04.05**
1. Title	NPI Engineer	**Grade (if applicable):**
2. Incumbent #	1	
3.		
3.1 Direct Supervisor (indicating title)	NPI Manager	
3.2 Subordinator (indicating title)		
4. Purpose of position (why this position needed)	To ensures efficient product development by managing cross-functional teams, optimizing processes, and ensuring quality standards. This role drives the successful introduction of new products, from design to production, while reducing costs and improving efficiency.	
5. Main Responsibility (indicating main objectives and responsibility)	**1. Product Development:** Work with cross-functional teams to develop new printing products/processes that meet customer requirements and manufacturing capabilities. **2. Project Management:** Create project plans, set timelines, and manage resources to ensure timely completion of NPI projects. **3. Technical Expertise:** Possess in-depth knowledge of printing technologies and stay updated on industry trends to recommend innovative solutions. **4. Prototype Creation and Testing:** Coordinate prototype development and testing to evaluate performance, quality, and feasibility. **5. Process Optimization:** Identify opportunities for process improvements and cost reduction during the NPI phase. **6. Quality Assurance:** Implement quality control processes, conduct inspections, and ensure compliance with standards and customer specifications. **7. Supplier Management:** Manage relationships with suppliers to source materials, equipment, and services for NPI projects. **8. Documentation and Reporting:** Prepare detailed documentation, project reports, and maintain accurate records of milestones and outcomes. **9. Continuous Improvement:** Identify areas for improvement in NPI processes and implement corrective actions. **10. Collaboration and Communication:** Ensure effective collaboration with cross-functional teams to align objectives and timelines throughout the NPI process	
6. Scope/Measurement of Performance	1. **Site Conversion Rates**: 20% 2. **KPI for Core Responsibilities**: 70% 3. **Other Assignments from Manager**: 10%	
7. Qualification	**Education & Training:** - Bachelor's/Master's Degree in Engineering, Printing Technology, or a related field. - Strong technical knowledge in the implementation of new printing products or processes. **Experience & Competency:** Bachelor's degree in Engineering, Printing Technology, or a related field. Strong knowledge of printing processes, equipment, and materials. Experience in project management and new product introduction. Proficiency in CAD/AI software and design tools. Excellent problem-solving and analytical abilities. Strong communication and interpersonal skills. High attention to detail and commitment to quality. - Ability to work effectively in cross-functional teams. - Proficiency in Chinese is a plus.	
8. Approvals	**Signatures & Dates**	
8.1 Dept Supervisor/Mgr		
8.2 H.R. Manager		
8.3 GM/CEO AP		
Employee Signature		