



An ATN Services Company

Professional Industrial Consultants

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MATERIALS ENGINEER

JOB DESCRIPTION:

- Develop General Assembly Material Strategies for future program per plan allocation such as material flow, material routings, storage space requirements, mobile equipment, layout development, container development, storage areas, kitting, small lot strategy, sequence planning, PFEP, etc.
- Apply new warehouse compression strategies Floor Space Analysis, Material Flow Analysis and Dock Analysis
- Support Manpower Estimates (utilize APS/GMOS tools) Route Planning
- Analyze existing operations and propose continuous improvements (CI)
- Facilities design, layout, and processes that reduce cost/ achieve operational efficiencies
- Develop material investment for future program planning (MPS) & MS studies and Establish Material Planning Metrics to be applied in North America
- Maintain and Utilize Master Dot Establish Deliverables for the Material Planning Team
- Support the Manufacturing Launch team at the plant and Program Team (as required)
- Provide technical support and issue resolution assistance to the plant Material Launch Manager and the Material Team at the Assembly Plant at Manufacturing Vehicle Build events
- Develop and apply Lean Material Strategies (LMS) to design standards
- Create & Drive common standards, processes, and lean designs.
- Integrate Lean Manufacturing and GM-Global Manufacturing System (GMS) principles into Future Product Programs at assembly plants.
- Support PFMEA process
- Monitor adherence to recommended safety procedures and ergonomic guidelines
- Provide on-site support for execution and readiness activities related to major launches.
- Develop best practices and standardized performance metrics across all assembly operations

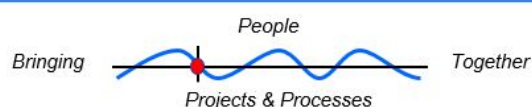
EDUCATION QUALIFICATIONS:

Bachelor's Degree in Engineering (Material, Industrial, Packaging) or equivalent.

QUALIFICATIONS:

- Min 3 years of Industrial Engineering and/or Material Planning experience working in Manufacturing or Warehousing environment.
- Min 3 years of AutoCAD or Mechanical Desktop or equivalent CAD systems experience
- Strong foundational knowledge of Lean Manufacturing / GMS / The Toyota Way
- Knowledge of core Manufacturing Engineering techniques and skill sets
- Knowledge of supply chain including containerization, logistics, purchasing
- Proficiency with MS-Office tools (Excel, Access, Project, Word, and Power point)
- Knowledge of work measurement/work standards, ergonomic principles, material optimization, and facility layout strongly preferred
- High level of communication skills, both oral and written, and the ability to present findings to all levels of the organization.
- Demonstrated success in cross-functional project development and execution in manufacturing or supply chain environment.
- Proficient in project management (Master Dot) and tracking milestones to completion
- Must be able to travel and work Overtime in some cases varying shift schedules may be required to support Program Development and Launch Execution.

♦ OVERALL PROGRAM / PROJECT MANAGEMENT
 ♦ MASTER PROGRAM / PROJECT SCHEDULING
 ♦ TECHNICAL SUPPORT / CONTINUOUS IMPROVEMENT
 ♦ ENGINEERING / FABRICATION / TESTING / LOGISTICS
 ♦ INSTALLATION / QUALITY / INITIAL ACCEPTANCE
 ♦ COMMISSIONING / LAUNCH / FINAL ACCEPTANCE



STAMPING / PRESSES / MILLS ♦
 BODY SHOP TOOLING / AUTOMATION ♦
 PAINT FINISHING SYSTEMS ♦
 GENERAL ASSEMBLY TOOLING ♦
 MATERIAL HANDLING / CONVEYORS ♦
 PLACEMENT SERVICES ♦