



EVANS

DESIGNS & EQUIPS MISSION CRITICAL OPERATIONS

POSITION TITLE:

Manufacturing Engineer [ME] ---(EIT)

PRIMARY FUNCTION:

The Manufacturing Engineer acts as a technical lead for Production Planning & Scheduling and is the interface between the Engineering/Design and Manufacturing functions

RESPONSIBILITIES:

- ◆ Works closely with Scheduling and Manufacturing in evaluating and planning the flow of projects (or subsets of projects) through manufacturing
- ◆ Develops and continues to evolve processes adapting Design packages for Manufacturing
- ◆ Creates production based on assemblies derived from 3D models based on the scheduling, production and technical needs of each manufacturing subset
- ◆ Develops assembly level views for Final Assembly and Shipping
- ◆ Develops project-based routing to various locations on the production floor
- ◆ Creates production-based BoM's from Design models to ensure the most efficient production and scheduling needs & requirements
- ◆ Develops crating models and detailed drawings based on the production plan and shipping (breakdown) plan.
- ◆ Creates shipping BoM's to be used for final packaging verification and accompanying shipping information.
- ◆ Assists various stakeholders in the manufacturing process with technical project information on (models, drawings and BoM's)
- ◆ Continuously focuses on process improvement to increase efficiency, utilization of equipment and resources

RELATIONSHIPS/ INTERACTIONS:

- ◆ Work Closely with Manufacturing, Scheduling, Project Management and Design
- ◆ Daily interaction with other areas of production planning (incl. Programming, Wood, Sheet Metal, Electrical, Final Assembly and Shipping)
- ◆ Interacts with the material management and planning groups.

QUALIFICATIONS:

- ◆ Knowledge and use of the Evans drafting conventions considered an asset
- ◆ Sets (own) high standards with attention to detail and accuracy
- ◆ Demonstrates design creativity, problem solving, and design efficiency
- ◆ Able to work to stringent, unpredictable scheduling demands

EDUCATION/EXPERIENCE:

- ◆ Detailed understanding or 3D modelling software (Inventor) and data management solutions (Vault).
- ◆ Detailed understanding of Evans' manufacturing processes and project flow
- ◆ Strong understanding of Scheduling
- ◆ Experience in design process automation including ILogic
- ◆ Recent graduate of a technical program (MET, MDT, EDDT or similar), or practical design and 3D modeling experience will be considered.
- ◆ Strong organizational and communication skills
- ◆ Ability to develop and implement new processes across the organization.

CORE COMPETENCIES:

- ◆ Design/Drafting expertise
- ◆ 3D spatial understanding
- ◆ 3D modeling –expert level
- ◆ Very familiar with design models, BOM structures
- ◆ Has worked in an ERP environment
- ◆ Able to generate assembly drawings

PERSONAL ATTRIBUTES:

- Strong analytical skills
- Detailed
- Clear communicator, able to know the right questions to ask to obtain desired outcome
- Offers solutions to sometimes complicated technical problems
- High degree of accuracy
- Respects/ meets scheduling demands and able to resolve unpredictable and changing workloads

APPLICATION PROCESS:

Note this opportunity shall be posted in tandem with an external posting including Evans' website_.....

Evans is an Equal Opportunity Employer If you feel you are qualified or know of someone who may be qualified in applying for the position please contact Human Resources careers@evansonline.com.