



An ATN Services Company

Professional Industrial Consultants

27600 Northwestern Highway ♦ Suite 260 ♦ Southfield, Michigan 48034
Office: 248.799.9601 ♦ Fax: 248.799.9607 ♦ Website: www.proindcon.com

Mechanical Engineer – Auburn Hills #21-447A

RESPONSIBILITIES

- Works closely with Manufacturing, Controls Engineering and Project Management to follow a project from its inception to the final customer acceptance and sign-off, provides follow up and support after this point
- Interprets schematics to develop complete system designs
- Maintain project schedules
- Interpret and have design input into mechanical drawings
- Participates in reviewing and releasing final engineering drawings to the manufacturing department
- Participates in design review meetings for internal, as well as outsourced, designs
- Involved with creating and maintaining an accurate bill of material (BOM) for designed/engineered equipment
- Ensures the equipment being started up and commissioned operates in accordance with the approved customer specification; interprets engineering drawings and specifications to develop and provide equipment installation instructions which are compliant with site installation requirements
- Develops equipment specifications for the internal mechanical design and/or build by outside vendors; ensures the selected suppliers follow company processes and meet project quality and delivery expectations, as well as maintaining the appropriate budget
- Ensures that company products and services continue to be the benchmark within the industry

REQUIRED

- Bachelor's Degree in Mechanical Engineering or other closely-related engineering discipline or equivalent experience
- 2+ years of on the job design and engineering experience related to custom machinery and/or capital equipment
- 2+ years of on the job experience with SolidWorks, AutoCAD, Catia, Unigraphics, or other comparable CAD design software
- 1+ years of on the job experience in a project-build, manufacturing environment
- Intermediate proficiency with Microsoft Office programs
- Advanced knowledge of mechanical design software applications (SolidWorks preferred)

♦ 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 ♦