



An ATN Services Company

# Professional Industrial Consultants

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## Structural Engineer 2020 – 2065

Professional Industrial Consultants is a Program / Project Management Consulting Firm with a focus in Automotive Manufacturing and we are currently looking for a Structural Engineer experienced with Conveyors and Tooling. This position is in Metro Detroit and is an immediate start.

### Qualifications:

- Min 5 years of Structural Steel experience in an Automotive Manufacturing Environment.
- Must be able to review and identify structural issues and be able to come up with solutions.
- Participate in estimating Structural Steel installation Cost and Time.
- Review Structural Drawings and Equipment Layouts, identifying possible errors or technical issues
- Solid understanding of KIP Loading, Structural Analyses, Bolt Connects, Beam Sizing, Automotive Industry Requirements.
- Structural design software knowledge such as LEAP, BEAMD, MasterSeries, etc. is a big Plus.
- Experience with Conveyors & Tooling a plus.
- Project Management Training or Certification is a plus
- Good understand MS Project and Excel including Pivot Tables and advanced formula creation.
- Project Management Training or Certification is a plus
- Must have Solid MS Excel experience including Pivot Tables and advanced formula creation.
- Leading project team and address project related issues if PM is not available
- Participate and/or lead project related meetings (Virtually, Corporate Office, Suppliers, or Clients Facilities), be able to make presentations provide Structural expertise.
- Working with Skill Trades in a manufacturing environment on site at build shop(s) or client's facilities.
- Experience with Plant Floor Systems using AutoCAD is a plus
- Must be able to work in a Fast Pace Environment, self-sufficient, great communication and interpersonal skills
- Bachelor's Degree in Engineering 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 ♦