

**Job ID:** **RK110810A**  
**Job Title:** Manufacturing / Production Engineer  
**Degree Requirements:** Bachelors Degree Mechanical, Agricultural Engineering  
**Years of Experience:** 2 - 5  
**Type of Position:** Direct Hire  
**Location:** Near Chicago, IL  
**Salary Range:** \$60K - \$95K  
**Travel Required:** <25%

**IMMEDIATE NEED** near Chicago, IL for a manufacturing / Production Engineer who presently holds a Bachelor's degree in Mechanical, Agricultural Engineering. This position requires 2 – 5 years work experience in a Machine / Component Product group.

The **MUST HAVE** items for this position are:

- BS in Mechanical, Agricultural Engineering
- 2 – 5 years experience in Machine / Component production experience
- High degree of experience using Pro E & VisView
- Concurrent Product and Process Design & New Product Introduction experience
- Proven analytical & problem solving skills
- Prior work experience in an environment containing a diverse workforce
- Have knowledge & experience including products, processes, design and procedures

**PLUSSES** in this position are:

- Previous experience with L1-L4 EIC system & component design & work in a CPPD team environment
- Manufacturing, assembly and fabrication process expertise
- Prior experience with Cool-1, FEA, bolted joint analysis, GD&T, sheet metal, myNPI, FMEA's
- Experience with or understanding of Six Sigma methodologies
- Project management skills and experience
- High degree of proficiency in MS Word, Excel, PowerPoint

The **RESPONSIBILITIES** of this position include but are not limited to:

- Provide engine installation and cooling ( EIC ) system NPI design & development support for Medium Wheel Loader Interim and Final
- Support the robust execution of machine EIC system design, analysis & validation from concept through production
- Participation in a multi-national CPPD team to drive to the most cost effective & manufacturable design in support of the 5 facilities around the globe ( U. S., China, Europe, South America, Japan )
- Technical delivery for improved reliability, performance, service-ability, assemble-ability while managing costs
- Support the resolution of system technical issues, APQP steps, project management activities, closure of FMEA, Virtual Audit, myNPI, PPRD issues while maintaining an inclusive environment
- Work collaboratively with peers , customers, suppliers, other cross functional teams, enterprise process partners, other Machine Design Center cooling teams & the worldwide Medium Wheel Loader organization to insure goals are achieved
- Provide technical depth while supporting an organizational climate / culture that encourages innovation, collaboration, excitement & commitment with a sense of urgency toward business success
- Work with immediate work group, project & system teams, division / business unit, suppliers, internal & external customers & internal process partners ( ACP, ESI, IPSD, LPSD, CSC )

**KEY WORDS:** Agricultural Engineer, Mechanical Engineer, Production Engineer, Manufacturing Engineer, Pro E, Pro/E, ProE, VisView, Vis View, Case New Holland, International Harvester, Terex,

Bobcat, Doosan, Ingersoll Rand, CNH Global, Komatsu, Volvo, John Deere, Caterpillar, Dongfeng Motor, AGCO, Mahindra, JC Bamford, Charles Machine Works, Detroit Diesel, DHL, Hyundai, Isuzu, Kawasaki, MAN, Menlo, Rolls-Royce, Mitsubishi, Multiquipt, Sandvik, Navistar, International, Toyota, Woods, Alitec, Gannon, Wain-Roy, Wain Roy, TISCO, Concurrent Product and Process Design, EIC system, component design, Six Sigma, LEAN, Cool-1, FEA, bolted joint analysis, GD&T, sheet metal, myNPI, FMEA, engine installation and cooling, construction, loader, NPI design, NPI development, APQP, project management, Virtual Audit, PPRD, cooling, machine design, ACP, ESI, IPSD, LPSD, CSC

If you meet these requirements and wish to be considered for this position, send your résumé to us using Word 97 -2003 at [Resumes@PinnaclePlacementGroup.com](mailto:Resumes@PinnaclePlacementGroup.com) mentioning the **Job ID** and the **Job Title** in the subject line of your email. **In your email please provide us a short narrative detailing your experience and expertise as it applies to this position.**