

**NOTICE OF JOB AVAILABILITY****TITLE:** Manufacturing Engineer**JOB LOCATION:** Newton NC

**DESCRIPTION OF DUTIES:** Prepare engineering designs, specifications and process plans for new projects for automotive transmissions manufacturer. Read and interpret blueprints, technical drawings, schematics and computer-generated reports. Research, design, evaluate, install, operate and maintain mechanical products, equipment systems and processes to meet requirements, applying knowledge of engineering principles. Confer with engineers and other personnel to implement operating procedures, resolve system malfunctions, and provide technical information. Evaluate, specify and recommend tooling, fixtures, methods, new equipment, processes and software. Provide quotations for new projects/tooling. Provide technical guidance. Control cost of manufacturing methods. Develop new programs and create pre-operational drawings using Pro E. Test and troubleshoot tools, fixtures, machines and processes. Investigate equipment failures and difficulties to diagnose faulty operation, and to make recommendations to maintenance crew. Develop and maintain accurate plant layouts. Develop, coordinate, and monitor all aspects of production, including selection of manufacturing methods, fabrication, and operation of product designs. Work with Product Engineering, suppliers and customers to develop parts. Participate in product design review meetings for process improvement teams. Coordinate/start up projects. Specify system components or direct modification of products to ensure conformance with engineering design and performance specifications. Work with Training Coordinator to develop and implement training for associates on new machinery. Work with Gage Engineer to specify gauging techniques and equipment. Maintain good relationships with GETRAG business units and GPS team leaders. Prepare purchase requisitions, routings, process plans and work orders using SAP. Schedule on-time delivery of tools, fixtures, gages and equipment. Supervise daily activities/projects for students as required.

**MINIMUM JOB REQUIREMENTS:** Must possess Bachelor's or foreign equivalent degree in Mechanical Engineering or directly related field plus 2 yrs experience in gear design/gear mfg processes (concept to final product) for transmission systems, including calculations & materials selection; evaluation of tooling, fixtures, methods, new equipment, processes and s/ware for gear grinding/testing/shaping/broaching/hobbing; implementing cost controls & mfg methods; troubleshooting machines/robots/transfer cells. Requires experience analyzing root cause, investigating issues, identifying solutions, & recommending actions; SPC, ODS, QS9000, ISO 14001, TS 16949, capability studies, gage R&R, health & safety rules and procedures; extensive knowledge of CNC programming, SolidWorks, AutoCad.

**HOURS:** 8:00 a.m. to 5:00 p.m., M-F, 40 hours per week**GETRAG Corporation**

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ISO/TS 16949:2009 Registered • EN ISO 14001:2004 Registered • BS OHSAS 18001:2007 Registered  
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