POSITION TITLE: Mechanical Engineer

LOCATION: Reno

POSITION DESCRIPTION:
Di Loreto Homes is currently searching for a mechanical engineer to fill a part time position. This position offers an opportunity to join a small team of skilled craftsmen. Your job will be to design rotating and belt driven power trains, assemblies, housings and covers. In addition, you will be responsible for making wiring diagrams, designing electromechanical assemblies to power the machines and perform the electrical wiring and assemblies.

Some of the duties you will be responsible for include:
- Support production in translating specifications, updating drawings, and evaluating non-conformance issues.
- Develop new fixtures for assembly, CNC machines, and manual machines.
- Design and build test equipment that will be implemented into the assembly and test processes.
- Develop new products including motors and tool assemblies.
- Conduct Root Cause Analysis on both internal and customer reported problems and implementing Corrective Actions.
- Create manufacturing and assembly drawings and instructions using Solid works.
- Must be comfortable working in a dynamic but relaxed environment with multiple projects.

QUALIFICATIONS:
- Heat Treatment specification experience with alloy steels.
- Design of products using gears, belts and chains.
- Geometric Tolerancing.
- Create electrical drawings for motors, drives and electromechanical assemblies (required).
- Applied Manufacturing experience including machining, assembly, and related fixturing.
- ASME Y14.5-2009 Drawing Standards.
- Design of Experiments (DOE).
- Root Cause Analysis.
- CAD experience (Solid Works C.A.M. required).

HOURS PER WEEK: After 4:00 P.M. during the week, no later than 8:00 P.M., 4 to 6 hours on Saturday.

COMPENSATION: Dependent on Experience.

DESIRED MAJORS: Mechanical Engineering.

HOW TO APPLY: Please send a résumé to kathy@diloretoreno.com.