

Machine Assembler Job Description

- Move and position parts, components, and final assemblies manually or using hoists and cranes
- Clean and organize workspace and assembly areas
- Properly store equipment, tools, and materials
- Understand and adhere to all company safety policies, procedures, and regulations
- Report any machinery malfunctions, damaged parts, or other issues to supervisors promptly
- Attach parts and subassemblies together using tools like wrenches, pliers, screwdrivers, and power drills
- Provide feedback on assembly procedures and identify potential process improvements
- Assist with the assembly and testing of prototype models
- Train new assemblers on workplace policies, procedures, machinery operation, and assembly techniques
- Document all assembly, inspection, and testing activities thoroughly and accurately
- Align machinery components and parts to ensure correct positioning and fit
- Work collaboratively with team members to meet production goals on schedule
- Install electrical, pneumatic, hydraulic, and mechanical components and connect them properly
- Maintain excellent communication with supervisors, engineers, and quality assurance staff
- Adjust final assemblies to meet specifications and tolerances if needed
- Stay up to date on emerging assembly tools, techniques, and machinery innovations
- Test operation of newly constructed machinery and mechanical devices
- Perform fabrication, welding, machining, and soldering tasks as required

- Review blueprints, schematics, work orders, and production specifications to fully understand assembly requirements
- Conduct inspections of parts and finished products, identify any defects, and document quality issues
- Assemble machinery and equipment according to company and customer specifications
- Use measuring instruments like calipers and micrometers to verify components are aligned and fitting correctly
- Adhere to all regulatory compliance standards for machinery assembly
- Follow assembly instructions precisely to construct machinery and equipment
- Perform preventative maintenance tasks such as lubricating equipment and tightening fittings.