

FABRICATOR

Summary: Responsible for leading the fabrication of systems as assigned by the supervisor by performing the following duties.

Essential Duties and Responsibilities: Including but not limited to the following:

General:

- Fabricates medium to large assemblies with little or no assistance, working from blueprints.
- Interprets blueprints, checks on parts and works with other departments.
- Shows a high level of dependability and initiative by working independently and assuming responsibility for projects.
- Assures that productivity levels are kept at a maximum so the project can be completed in a timely manner.
- Shows good organizational skills by preparing the work areas for assembly, gathering blueprints, assuring that all parts are available, both fabricated and purchased and maintain a clean work area.
- A thorough knowledge of welding processes and theory is required and the ability to perform all types of fabrications without assistance.

Equipment Operation

- Operates MIG welder for various applications.
- Operates an Oxy-Acetylene torch for various applications.
- Operates drill press, radial drill, bench grinder proficiently using proper speeds and feeds while observing all safety rules.
- Uses a variety of hand tools, drills, grinders, impact wrench, torque wrench.
- Operates shear correctly regarding setup, capacity, and safety.
- Operates press break correctly regarding setup, capacity, and safety.
- Operates punch press correctly regarding punch and die selection, machine capacity, lubrication, and safety.
- Operates a forklift, as necessary.
- Operates an overhead crane in a proper and safe manner.
- Operates band saws correctly and safely using correct speeds and feeds.

Skills

- Ability to rig equipment safely for movement, setup, and tear down.
- Lays out center lines, correct and square.
- Uses proper fasteners and torque levels for application.
- Presses on bearings, bushings, sleeves, and hones to size.
- Installs and aligns sprockets and gears properly regarding tension, backlash, and alignment.
- Mounts and shims bearings properly.

Education and/or Experience

- Associates degree or equivalent from two year college or technical school; and/or five to ten years related experience and/or training; or an equivalent combination of education and experience.