

Job Profile and Description: **Millwright**

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A tradesman engaged with the erection of machinery. This includes such tasks as leveling, aligning and installing machinery on foundations or base plates and setting, leveling and aligning electric motors or other power sources such as turbines with the equipment. We typically work with steel and must often combine the skills of other mechanical trades in order to successfully install industrial machinery or to assemble machines from pre-fabricated parts. Millwrights must also be able to read blueprints and other schematics to aid them in the construction of complex systems.

Duties and Responsibilities

- Mechanically inclined to disassemble and assemble machines
- Use tools as needed
- Read measuring tape and record proper measurements
- Read Blueprints, schematics and other technical documents
- Understand complex systems, equipment, motors and alignment
- Must be able to identify a problem and track to solve the issue
- Physically manipulate objects with tools and strength
- Coordinate and ensure all tasks are completed on time.
- Follow directions carefully.
- Comply with regulations and safety requirements.
- Do any additional tasks that are asked or needed to be completed.

Skills and Specifications

Willingness to safely complete any tasks that are assigned with a positive attitude.

- Mechanical aptitude
- Must be computer literate to operate the alignment equipment
- Rigging knowledge and skill to assist with movements as needed

Physical Requirements

- Must be able to stand and/or be on their feet 10-12 hours / day
- Must be able to lift 50lbs as needed
- Must be able to go up and down on ladder, steps, or other lifts as needed
- Must be able to work in outdoor weather and/or unregulated temperatures for 10-12 hours / day

Education and Qualifications

- High School Diploma or Equivalent

Tool List - Required

Tool Box	Ratchet Set (1/2" Drive w/ Sockets 3/8" thru 7/8", 3/8" Drive w/ Sockets 1/8" thru 1", 1/4" Drive w/ Sockets	Box End Wrench Set (3/8" thru 1")	12" Adjustable Wrench
8 1/2" Channel Lock Pliers	#1- #3 Phillips Screw Driver Set	Flat Head Screw Driver Set 3/16" thru 1/2" x 6"	Comb Wrench Set 1/4" thru 1 1/2"
3/16" x 4" Flat Screw Driver	Center Punch 3/8" x 5/8"	50' Tape Measure	Allen Wrench Set 5/64" thru 1/2"
Ball Peen Hammer – 20oz	3lb Hammer	10" Vice Grip Pliers	Tri-Square
Plumb Bob	Chalk Box	Set of Pry Bars (Flat & Pointed Tips)	12" – 14" Pipe Wrench
Set of Cold Chisels (1/3" – 1/2" x 6")	1/4" x 1/2" Alignment Punch	Two (2) Torpedo Levels – 9"	Center Punch 3/8" x 5/8"
Metric Sets of Comb Wrenches and Sockets 12mm – 24mm	Metric Allen Wrenches 4mm – 16mm		