

JOB DESCRIPTION – HELPER / LABORER

JOB DUTIES AND RESPONSIBILITIES

Performs tasks to assist Boilermaker, Carpenter, Ironworker, Pipe fitter, or Welder: Conveys tools, equipment, and parts to the work area by hand or using hand trucks. Cleans boilers and tanks using scrapers and steam or water hoses. Cleans work area and places salvageable material in bins. Attaches slings, ropes or cables onto objects, such as plates, tubes, pipes, valves, fittings and drums, following signals of rigger. Positions and holds parts in place for Boilermaker to fit clamp or weld parts in specified alignment. Bolts or unbolts assemblies, using hand tools, such as wrenches, screwdrivers, and prying bars. Assists fitter to position, align, and fit together fabricated plates, structural shapes, and weldments preparatory to assembly into fabricated products, performing following tasks: Holds, positions, and reads tape or rods to assist in layout. Places and moves blocking, braces and jigs to hold parts. Hammers wedges and drift pins, and turns turnbuckles, using level. Pulls pry bars to align parts. Grinds or chips rough edges, surplus weld, or scale, using portable grinder or air hammer. Positions and turns clamps, and bolts together butt straps or parts, using hand or power wrench. Performs any combination of incidental tasks such as transporting tools, fixtures, and parts, assisting welders, reaming holes and sweeping area. Performs any combination of following duties to assist workers in welding, brazing, and thermal and arc cutting activities: Moves work pieces, tools, and supplies, manually or by hand truck. Lifts, moves and holds, or clamps work piece to table, into jigs, or into position as directed, manually or by using hoist, pry bars, wrenches, hammer, and wedges. Cleans work pieces to remove impurities, such as slag, rust, and grease, using wire brush, portable grinder, hand scraper, or chemical solutions. Connects hoses from hand torch to oxygen and fuel gas cylinders, may manually position cylinders, or connects cables from power source to electrode holder and work piece or fixture. Attaches grappling equipment to objects preparatory to movement by crane. Assists Pipe fitter to assemble and install piping for air, gas, and water systems: Cuts or drills holes in walls to permit passage of pipes, using pneumatic drill. Selects specified type and sizes of pipe. Mounts pipe hangers and brackets on walls and ceiling to hold pipe. Operates equipment in non-critical service, such as a crane or backhoe, and fuels and lubricates motorized equipment. Assists pipe fitter to install valves, couplings, and other fittings. Disassembles and removes damaged or worn pipe. Performs tasks of skilled craftsman under the direction of craftsman or depending on size and scope of project, performs labor work. May be required to work while wearing respiratory protection, either air supplied or air purifying, depending upon atmospheric conditions and work location. May be required to work in confined spaces, above ground in excess of fifty feet, outdoors in direct sunlight and in seasonal temperature extremes. Some of these job duties are not full time: project size and organization of work determine whether workers spend their time on one duty or transfer from duty to duty as project progresses to completion.

TOOLS, EQUIPMENT AND DEVICES REQUIRED ON THE JOB

Channel Lock Pliers 9"	25' Tape Rule	18" Pry Bar
Combination Wrench 7/8"	Combination Wrench 1-1/16"	Striker
Combination Wrench 1-1/4"	Flange Scraper	Side Cutters 9"
2" x 6" Wedges (Brass)	Gloves	Safety Glasses
Crescent Wrench 12"	18" Pipe Wrench	Hardhat
Torpedo Level	14" Pipe Wrench	Hacksaw
Ball Pein Hammer 16 oz.	Tool Box w/Lock	Finishing Tools

NON-PHYSICAL JOB REQUIREMENTS

The Dictionary of Occupational Titles, Fourth Edition, Revised 1991, United States of America, Department of Labor Specific Vocational Rating for Helper is: Over 1 month up to and including 3 months.

Applicant Initials: _____ Applicant Soc. Sec. No.: _____

PERSONAL TRAITS

The ability to get along well with co-workers and management and the ability to work together with other employees as part of a group, the ability to accurately communicate ideas, instructions, questions, problems, solutions. The ability to accurately receive and understand ideas, instructions, questions, problems, solutions or feelings understanding of the nature and causes of accidents, appreciative of the effects and seriousness of accidents, alert and attentive for possible hazards, takes necessary actions to prevent accidents - is not accident prone and does not have a history of chronic unsafe behavior.

PHYSICAL JOB REQUIREMENTS

The ability to verbally communicate alarms or warnings clearly, concisely, loudly and quickly, to clearly and quickly hear or otherwise sense alarms or warnings and take appropriate action, maintain equilibrium to prevent falling when moving, walking, standing, kneeling or crouching - particularly on narrow, uneven, irregular, slippery surfaces, going up or down ladders, stairs, scaffolding, ramps, poles or other objects using hands, arms, feet or legs. Moves about on hands and feet, bending the body downward and forward bending leg and spine - working in a bent over position. Sensing physical attributes such as size, shape, temperature, texture or sharpness of an object by touching. Foot agility and dexterity - operating pedals, foot controls, kick bars and other similar tasks that require foot or toe motion. Grasping, gripping or applying pressure to an object with the fingers and palm, holding an object in the hand. The ability to clearly and concisely perceive sounds, the ability to hear and understand detailed oral communications, the ability to hear warning signals and alarms given verbally and mechanically. Lifting, raising or lowering objects in a vertical direction, particularly heavy or bulky objects. Moving objects backward, forward, in or out in a horizontal direction, particularly heavy or bulky objects. Pulling, exerting a steady backward, downward, upward or outward force against an object - jerking, plucking, wrenching, stretching, towing, drawing, dragging or tugging objects in a sustained motion. Pushing, pressing against something with steady forward, downward, upward or outward force - shoving, pushing, compressing, squeezing, mashing, packing, pressing, jamming, compacting, or squashing objects in a sustained motion. Reaching, extending the hand(s) and/or arm(s) in any direction. The ability to see, read and understand written communications: including directions, instructions and warning signs, to see and distinguish colors, to visually distinguish shapes and patterns, to accurately sense distances (depth perception), to accurately see objects and detect motion at wide angles (peripheral vision). Bending the body downward and forward by bending the spine at the waist, using the lower extremities and back muscles and moving on foot, particularly for long distances.

PHYSICAL MODIFIERS/DEMANDS

The Dictionary of Occupational Titles, Fourth Edition, Revised 1991, United States of America, Department of Labor Physical Demands Strength Rating for Helper is: H - Heavy work - Exerting 50 to 100 pounds of force occasionally, and/or 25 to 50 pounds of force frequently, and/or 10 to 20 pounds of force constantly to move objects. Physical Demand requirements are in excess of those for Medium Work.

VISUAL MODIFIERS/DEMANDS

The job requires considerable, sustained use of eyesight for functions such as visual inspection, reading, measuring, assembling, transcription, data analysis and operating machines or vehicles and the ability to clearly see at night or in dim light, in daylight or bright light, under glare or poor contrast.

ENVIRONMENTAL MODIFIERS/DEMANDS

The job involves: Exposure to cold working conditions during winter months and to hot working conditions during summer months, exposure to noise - workers must wear protective hearing equipment or frequently shout in order to be heard above the ambient noise level. Exposure to pollutants or allergens which can adversely affect the skin and/or the respiratory system such as gases, smoke, odors, mists, fumes, dust, chemicals, oils or solvents, exposure to hazardous working conditions including moving machinery, electricity and/or working in high places. The job requires the use of protective equipment such as hard hats, respirators, aprons, gloves, special clothing, safety shoes and safety glasses. The job involves continuous work, which cannot be easily or economically interrupted for breaks except at regularly scheduled intervals or at the completion of an assignment.

I understand and can perform this job with or without reasonable accommodation.

Applicant Signature: _____ Date: _____ Witness: _____