

Summary of Duties: Does a variety of specialized manual tasks in connection with maintenance, repair and operation of pile driver equipment on water; and wraps piling with plastic film, or supervise such work; and does related work.

Distinguishing Features: A Pile Driver Worker is a member of pile driver crew and does work requiring a knowledges of rigging and methods of driving and removing wood and concrete piles. The employee does rough carpentry on piling, capping, deck stringers, pile cross bracing and other heavy timbers in connection with wharf deck construction including repairs of deck substructures and removing and driving piles. A Pile Driver Worker also assists with concrete barrel pours and wraps wooden piles to protect them from further deterioration.

A Pile Driver Supervisor supervises a pile driver crew and is responsible for aligning and driving various types of piles in accordance with blueprints or verbal instructions.

Most of the pile driver work of both classes is performed from a floating barge. Hazards involved are those normally associated with work around heavy equipment above ground and over water.

Examples of Duties: Pile Driver Worker: Assists in removing piles by attaching cables and giving hoisting signals; operates a water jet to release piling from the mud; directs piles into place by signaling to the pile driver operator; saws piling to the correct length and places caps, decking, deck stringers, and sway bracing; assists in framing the piling by drilling holes and bolting and strapping the frame; uses levels to assure accuracy; uses portable air-driven power tools;

Removes broken timbers and replaces them with new timbers; rows boats; rafts, trims, and heads piles; assists in constructing falsework and scaffolding as necessary; splices wire and rope cables; handles lines to pull the pile driving rig into position; assists in erecting and dismantling the pile driver and rig and making repairs to them; may act as a crew leader.

Receives new and salvaged piles; sorts, marks, and yards piles into booms for storage; selects and removes piles from booms; and rafts piles for towing to place of intended use;

Wraps wooden piling with plastic film to protect them from deterioration resulting from marine organisms; and constructs pile wrap kits.

Pile Driver Supervisor: Lays out and supervises the work of a crew engaged in the above work; supervises rigging in connection with pile driving operations, placing piles in positions, and starting the

hammer; works from blueprints on new pile driving work; may supervise the use of pile driving equipment in heavy lifting operations; supervises the erection, maintenance, and repair of the pile driver rig and equipment; enforces safety regulations; and keeps records, makes time and work reports, and requisitions materials.

Employees in these classes may occasionally be assigned to other duties for training purposes or to meet technological changes or emergencies.

Qualifications:

<u>Knowledges</u>	Pile Driver <u>Worker</u>	Pile Driver <u>Supervisor</u>
Tools, equipment and practices used in driving and removing wood and concrete piles in water and on land and pile wrapping operations	Good	Good
Rigging required in setting and removing piles;	Good	Good
Hoisting signals approved by the California Division of Industrial Safety;	Working	Good
Approved practices and procedures for public and worker's safety, including pertinent State and City laws and regulations;	General	Good
Techniques of erecting falsework, repairing docks, and framing piling as required in pile driving work;	General	Working
Memoranda of understanding as they apply to subordinate personnel;		Working
Operation, maintenance, and repair of pile driving rigs and equipment;		General
Civil Service Commission Rules;		General
Laws and regulations related to equal employment opportunity and affirmative actions;		General
First Aid;		General

<u>Abilities:</u>	Pile Driver <u>Worker</u>	Pile Driver <u>Supervisor</u>
Use dock carpentry tools;	X	X
Splice wire cable and rope and to wrap pilings;		X
Row a boat;	X	X
Read, interpret, and apply simple blueprints and plans for placing and framing piling;		X
Follow verbal instructions;	X	X
Follow verbal and written instructions and sketches;		X
Lay out and supervise the work of a crew;		X
Keep time, work, and material records.		X

Completion of a recognized four-year apprenticeship or attainment of journey-level rank as a pile driver worker is required for Pile Driver Worker.

Four years of experience as a journey level Pile Driver Worker is required for Pile Driver Supervisor.

License: Both Classes: A California driver's license is required.

Physical Requirements: Both Classes: Strength to perform average lifting up to 35 pounds and occasionally over 70 pounds; arm, hand, and finger dexterity; and good eye sight.

Persons with medical limitations may, with reasonable accommodations, be capable of performing the duties of some of the positions in this class. Such determination must be made on an individual basis in light of the person's limitations, the requirements of the position, and the appointing authority's ability to effect reasonable accommodations to the limitations.

As provided in Civil Service Commission Rule 2.5 and Section 4.55 of the Administrative Code, this specification is descriptive, explanatory and not restrictive. It is not intended to declare what the duties and responsibilities of any position shall be.